

## Spectra II

Spare parts list

Parts list



## 90.88.601A

### SPECTRA II 103/8 THERMAL TRANSFER PRINTER TOUCH DISPLAY

| Pos | Ident-No.  | Description1                                     | Description2                             | Quantity |
|-----|------------|--------------------------------------------------|------------------------------------------|----------|
| 1   | 24.01.012  | Power cable 2 m                                  |                                          | 1        |
| 2   | 28.88.105A | Printhead cable, power supply                    | Spectra II 103/108/SPE II 107/108/LPM II | 1        |
| 3   | 28.88.106A | Printhead cable, data signals                    | Spectra II 103/Spectra II 108            | 1        |
| 4   | 37.04.2351 | Thermal printhead 103-8                          | Spectra II                               | 1        |
| 5   | 45.83.130A | Interlayer                                       | SPX II 103/Spectra II/ILX 103            | 1        |
| 6   | 45.88.125  | Guiding                                          | Spectra 108/SPE 104 "SRD"/SPE 106 "SRD"  | 1        |
| 7   | 48.04.208V | Screw M2x8 stainless                             |                                          | 3        |
| 8   | 48.10.005V | Setscrew M4x4 stainless                          |                                          | 1        |
| 9   | 48.16.310V | Socket cap screw M3x10 stainless                 |                                          | 2        |
| 10* | 48.88.001  | Knurled screw                                    | Spectra/SPE/SPX/ILX 10X                  | 2        |
| 11  | 50.01.009V | Lock washer M2 stainless                         |                                          | 3        |
| 12  | 71.88.070A | Display unit touch                               | Spectra II, pre-assembled                | 1        |
| 13  | 71.88.800A | Spectra II 10X print mechanism, thermal transfer | pre-assembled, w/o printhead, Flat-Type  | 1        |
| 14  | 89.02.002  | Data cable USB 1.8 m plug A to plug B            |                                          | 1        |

\*Recommended spare part

## 90.88.600A

### SPECTRA II 104/8 THERMAL TRANSFER PRINTER TOUCH DISPLAY

| Pos | Ident-No.  | Description1                                     | Description2                             | Quantity |
|-----|------------|--------------------------------------------------|------------------------------------------|----------|
| 1   | 24.01.012  | Power cable 2 m                                  |                                          | 1        |
| 2   | 28.88.109A | PRINT HEAD CABLE POWER                           | SPECTRA II 104/106                       | 1        |
| 3   | 28.88.110A | PRINT HEAD CABLE SIGNAL                          | SPECTRA II 104/106                       | 1        |
| 4*  | 37.04.1157 | Thermal printhead 104-8                          | Spectra II/SPX I/SPX II/ILX/Compa III    | 1        |
| 5   | 45.83.125  | Interlayer                                       | SPX 104, right/Spectra II/ILX 10X, right | 1        |
| 6   | 45.88.125  | Guiding                                          | Spectra 108/SPE 104 "SRD"/SPE 106 "SRD"  | 1        |
| 7   | 48.04.208V | Screw M2x8 stainless                             |                                          | 3        |
| 8   | 48.10.005V | Setscrew M4x4 stainless                          |                                          | 1        |
| 9   | 48.16.310V | Socket cap screw M3x10 stainless                 |                                          | 2        |
| 10* | 48.88.001  | Knurled screw                                    | Spectra/SPE/SPX/ILX 10X                  | 2        |
| 11  | 50.01.009V | Lock washer M2 stainless                         |                                          | 3        |
| 12  | 71.88.070A | Display unit touch                               | Spectra II, pre-assembled                | 1        |
| 13  | 71.88.800A | Spectra II 10X print mechanism, thermal transfer | pre-assembled, w/o printhead, Flat-Type  | 1        |
| 14  | 89.02.002  | Data cable USB 1.8 m plug A to plug B            |                                          | 1        |

\*Recommended spare part

## 90.88.000A

### SPECTRA II 106/12 TRANSFER PRINTER - TOUCH VERSION

| Pos | Ident-No.  | Description1                                     | Description2                                       | Quantity |
|-----|------------|--------------------------------------------------|----------------------------------------------------|----------|
| 1   | 24.01.012  | Power cable 2 m                                  |                                                    | 1        |
| 2   | 28.88.109A | PRINT HEAD CABLE POWER                           | SPECTRA II 104/106                                 | 1        |
| 3   | 28.88.110A | PRINT HEAD CABLE SIGNAL                          | SPECTRA II 104/106                                 | 1        |
| 4*  | 37.04.2318 | Thermal printhead 106-12                         | Spectra II/SPE II/SPX/SPX II/ILX/Compa III         | 1        |
| 5   | 45.83.120  | Interlayer                                       | SPX 106/Spectra II/LPM II 108/ILX 10X/SPE II right | 1        |
| 6   | 45.88.125  | Guiding                                          | Spectra 108/SPE 104 "SRD"/SPE 106 "SRD"            | 1        |
| 7   | 48.04.208V | Screw M2x8 stainless                             |                                                    | 3        |
| 8   | 48.10.005V | Setscrew M4x4 stainless                          |                                                    | 1        |
| 9   | 48.16.310V | Socket cap screw M3x10 stainless                 |                                                    | 2        |
| 10* | 48.88.001  | Knurled screw                                    | Spectra/SPE/SPX/ILX 10X                            | 2        |
| 11  | 50.01.009V | Lock washer M2 stainless                         |                                                    | 3        |
| 12  | 71.88.070A | Display unit touch                               | Spectra II, pre-assembled                          | 1        |
| 13  | 71.88.800A | Spectra II 10X print mechanism, thermal transfer | pre-assembled, w/o printhead, Flat-Type            | 1        |
| 14  | 89.02.002  | Data cable USB 1.8 m plug A to plug B            |                                                    | 1        |

\*Recommended spare part

## 90.88.002A

### SPECTRA II 106/24 TRANSFER PRINTER - TOUCH VERSION

| Pos | Ident-No.  | Description1                                     | Description2                                       | Quantity |
|-----|------------|--------------------------------------------------|----------------------------------------------------|----------|
| 1   | 24.01.012  | Power cable 2 m                                  |                                                    | 1        |
| 2   | 28.88.109A | PRINT HEAD CABLE POWER                           | SPECTRA II 104/106                                 | 1        |
| 3   | 28.88.110A | PRINT HEAD CABLE SIGNAL                          | SPECTRA II 104/106                                 | 1        |
| 4*  | 37.04.2348 | Thermal printhead 106-24                         | Spectra II/SPE II/SPX II/ILX/Compa III             | 1        |
| 5   | 45.83.120  | Interlayer                                       | SPX 106/Spectra II/LPM II 108/ILX 10X/SPE II right | 1        |
| 6   | 45.88.125  | Guiding                                          | Spectra 108/SPE 104 "SRD"/SPE 106 "SRD"            | 1        |
| 7   | 48.04.208V | Screw M2x8 stainless                             |                                                    | 3        |
| 8   | 48.10.005V | Setscrew M4x4 stainless                          |                                                    | 1        |
| 9   | 48.16.310V | Socket cap screw M3x10 stainless                 |                                                    | 2        |
| 10* | 48.88.001  | Knurled screw                                    | Spectra/SPE/SPX/ILX 10X                            | 2        |
| 11  | 50.01.009V | Lock washer M2 stainless                         |                                                    | 3        |
| 12  | 71.88.070A | Display unit touch                               | Spectra II, pre-assembled                          | 1        |
| 13  | 71.88.800A | Spectra II 10X print mechanism, thermal transfer | pre-assembled, w/o printhead, Flat-Type            | 1        |
| 14  | 89.02.002  | Data cable USB 1.8 m plug A to plug B            |                                                    | 1        |

\*Recommended spare part

## 90.88.100A

### SPECTRA II 107/12 TRANSFER PRINTER - TOUCH VERSION

| Pos | Ident-No.  | Description1                                     | Description2                         | Quantity |
|-----|------------|--------------------------------------------------|--------------------------------------|----------|
| 1   | 24.01.012  | Power cable 2 m                                  |                                      | 1        |
| 2   | 71.88.070A | Display unit touch                               | Spectra II, pre-assembled            | 1        |
| 3   | 71.88.805A | Spectra II 107 print mechanism, thermal transfer | pre-assembled, w/o display unit, KCE | 1        |
| 4   | 89.02.002  | Data cable USB 1.8 m plug A to plug B            |                                      | 1        |

\*Recommended spare part

Modifications and errors excepted

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## 90.88.200A

### SPECTRA II 108/12 TRANSFER PRINTER - TOUCH VERSION

| Pos | Ident-No.  | Description1                                     | Description2                             | Quantity |
|-----|------------|--------------------------------------------------|------------------------------------------|----------|
| 1   | 24.01.012  | Power cable 2 m                                  |                                          | 1        |
| 2   | 28.88.105A | Printhead cable, power supply                    | Spectra II 103/108/SPE II 107/108/LPM II | 1        |
| 3   | 28.88.106A | Printhead cable, data signals                    | Spectra II 103/Spectra II 108            | 1        |
| 4   | 37.04.1001 | Thermal printhead 108-12                         | Spectra II/SPE II/ LPM II                | 1        |
| 5   | 45.88.121  | Interlayer                                       | Spectra 108/SPE/SPX                      | 1        |
| 6   | 45.88.125  | Guiding                                          | Spectra 108/SPE 104 "SRD"/SPE 106 "SRD"  | 1        |
| 7   | 48.04.208V | Screw M2x8 stainless                             |                                          | 3        |
| 8   | 48.10.005V | Setscrew M4x4 stainless                          |                                          | 1        |
| 9   | 48.16.310V | Socket cap screw M3x10 stainless                 |                                          | 2        |
| 10* | 48.88.001  | Knurled screw                                    | Spectra/SPE/SPX/ILX 10X                  | 2        |
| 11  | 50.01.009V | Lock washer M2 stainless                         |                                          | 3        |
| 12  | 71.88.070A | Display unit touch                               | Spectra II, pre-assembled                | 1        |
| 13  | 71.88.800A | Spectra II 10X print mechanism, thermal transfer | pre-assembled, w/o printhead, Flat-Type  | 1        |
| 14  | 89.02.002  | Data cable USB 1.8 m plug A to plug B            |                                          | 1        |

\*Recommended spare part

## 90.88.300A

### SPECTRA II 160/12 THERMAL TRANSFER PRINTER TOUCH DISPLAY

| Pos | Ident-No.  | Description1                                     | Description2                         | Quantity |
|-----|------------|--------------------------------------------------|--------------------------------------|----------|
| 1   | 24.01.012  | Power cable 2 m                                  |                                      | 1        |
| 2   | 71.88.070A | Display unit touch                               | Spectra II, pre-assembled            | 1        |
| 3   | 71.88.810A | Spectra II 160 print mechanism, thermal transfer | pre-assembled, w/o display unit, KCE | 1        |
| 4   | 89.02.002  | Data cable USB 1.8 m plug A to plug B            |                                      | 1        |

\*Recommended spare part

Modifications and errors excepted

Spectra II: 06.2023

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## 90.88.400A

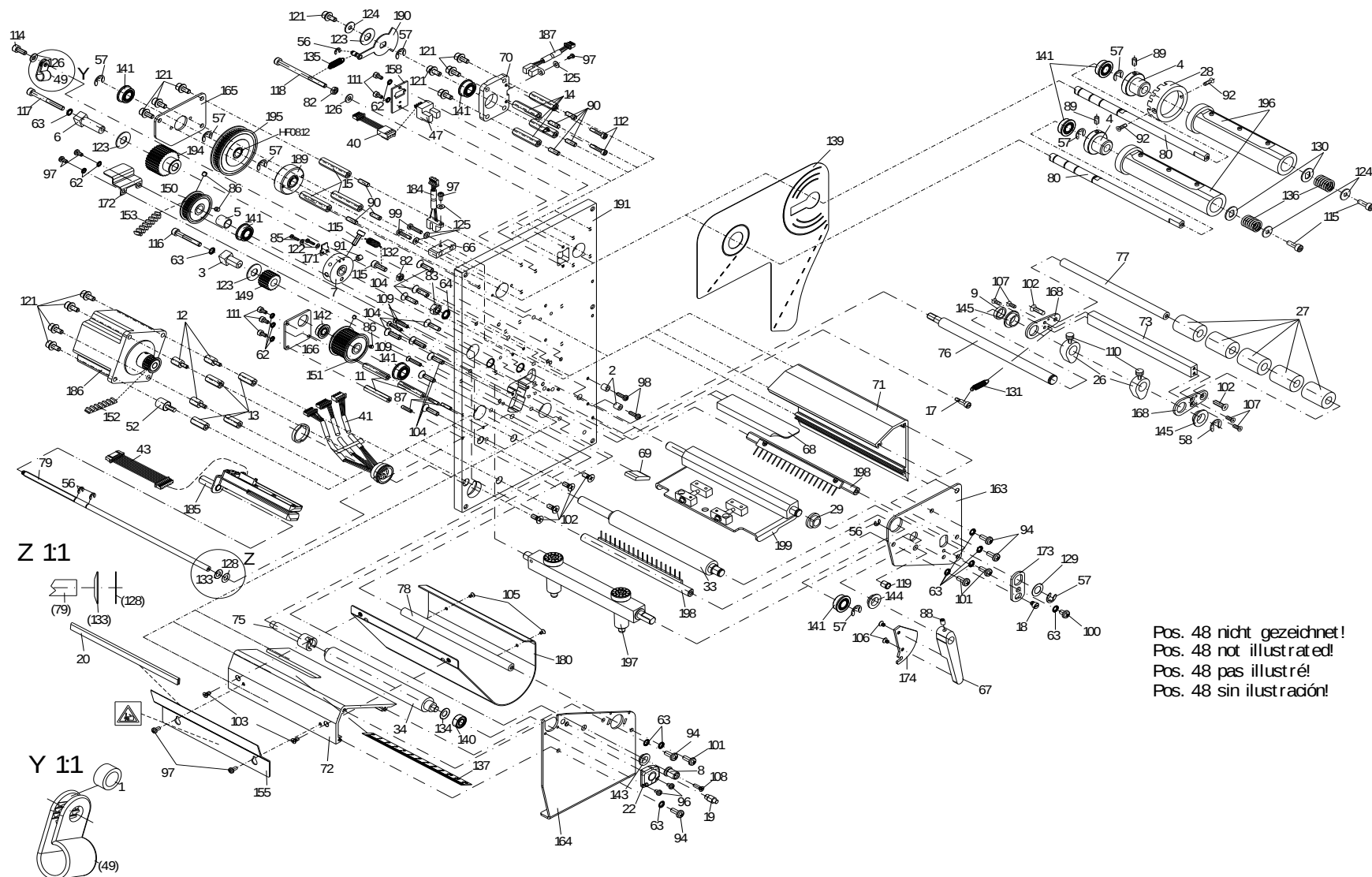
### SPECTRA II 162/12 THERMAL TRANSFER PRINTER TOUCH DISPLAY

| Pos | Ident-No.  | Description1                                     | Description2                               | Quantity |
|-----|------------|--------------------------------------------------|--------------------------------------------|----------|
| 1   | 24.01.012  | Power cable 2 m                                  |                                            | 1        |
| 2   | 71.88.070A | Display unit touch                               | Spectra II, pre-assembled                  | 1        |
| 3   | 71.88.820A | Spectra II 162 print mechanism, thermal transfer | pre-assembled, w/o display unit, Flat-Type | 1        |
| 4   | 89.02.002  | Data cable USB 1.8 m plug A to plug B            |                                            | 1        |

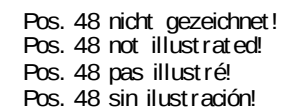
\*Recommended spare part

# 71.88.800A

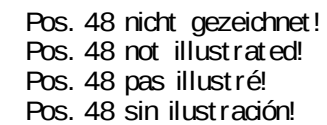
SPECTRA II 10X PRINT MECHANISM, THERMAL TRANSFER  
PRE-ASSEMBLED, W/O PRINTHEAD, FLAT-TYPE



**SPECTRA II 10X PRINT MECHANISM, THERMAL TRANSFER  
PRE-ASSEMBLED, W/O PRINthead, FLAT-TYPE**



**SPECTRA II 10X PRINT MECHANISM, THERMAL TRANSFER  
PRE-ASSEMBLED, W/O PRINTHEAD, FLAT-TYPE**



## 71.88.800A

SPECTRA II 10X PRINT MECHANISM, THERMAL TRANSFER  
PRE-ASSEMBLED, W/O PRINTHEAD, FLAT-TYPE

| Pos | Ident-No.  | Description1             | Description2                                 | Quantity |
|-----|------------|--------------------------|----------------------------------------------|----------|
| 1   | 10.41.009  | Spacer roller            |                                              | 1        |
| 2   | 10.41.015  | Spacer roller 6x3.2x6 mm |                                              | 2        |
| 3*  | 10.87.020  | Eccentric bearing        | Vario/SPE/DPM/SPX/Vita/Flexicode             | 1        |
| 4   | 10.88.001  | Bearing bush             | Spectra/SPE/DPM/SPX/Vita/Flexicode/ILX/ALP   | 2        |
| 5   | 10.88.015  | Spacer sleeve            | Spectra/SPE/Vario/SPX/Vita                   | 1        |
| 6*  | 10.88.020  | Eccentric bearing        | Spectra/SPE/SPX/Vita/Duoprint/ILX            | 1        |
| 7   | 10.88.025  | Bearing ring             | Spectra/SPE/SPX                              | 1        |
| 8   | 10.88.036  | Knurled knob             | Spectra II/SPE II                            | 1        |
| 9   | 10.88.050A | Spacer ring              | Spectra II                                   | 1        |
| 10  | 12.40.313  | Distance bolt M3x13      |                                              | 4        |
| 11  | 12.40.330  | DISTANCE BOLT M3 X 30    |                                              | 3        |
| 12  | 12.40.410  | Distance bolt M4x10      |                                              | 3        |
| 13  | 12.40.417  | Distance bolt M4x17      | Spectra/SPE                                  | 4        |
| 14  | 12.40.4308 | Distance bolt M4x30.8    |                                              | 4        |
| 15  | 12.40.434  | Distance bolt M4x34.8    |                                              | 3        |
| 16  | 12.40.455  | DISTANCE BOLT M4 X 55    |                                              | 3        |
| 17  | 12.88.001  | Spring pillar            | Spectra                                      | 1        |
| 18* | 12.88.030  | Eccentric pin            | Spectra/SPE/SPX                              | 1        |
| 19  | 12.88.035  | Pin                      | Spectra/SPE/SPX/Flexicode                    | 1        |
| 20  | 16.01.007  | Edge protection profile  | in meters                                    | 0,14m    |
| 21* | 16.01.020  | Machine foot, h: 10.5 mm | Spectra                                      | 4        |
| 22  | 16.56.045  | Supporting piece         | Vario III/Spectra II/ILX 10X/SPE II          | 1        |
| 23  | 16.88.002A | Front panel              | Spectra II, touch version                    | 1        |
| 24  | 16.88.006A | Front panel, below       | Spectra II touch                             | 1        |
| 25  | 16.88.027  | Window                   | Spectra                                      | 1        |
| 26  | 16.88.035  | Label guiding            | Spectra/SPE "SES"                            | 2        |
| 27  | 16.88.040  | Roller                   | Spectra/SPE "SES"                            | 5        |
| 28  | 16.88.055  | Sprocket wheel           | Spectra/SPE/DPM/Vario/SPX/Vita/Flexicode/ALP | 1        |

\*Recommended spare part

## 71.88.800A

SPECTRA II 10X PRINT MECHANISM, THERMAL TRANSFER  
PRE-ASSEMBLED, W/O PRINTHEAD, FLAT-TYPE

| Pos | Ident-No.  | Description1                                      | Description2                                 | Quantity |
|-----|------------|---------------------------------------------------|----------------------------------------------|----------|
| 29  | 16.88.070  | Slide bearing                                     | Spectra/SPE/SPX/ALP                          | 1        |
| 30  | 16.88.080A | Handle                                            | Spectra II                                   | 1        |
| 31  | 16.88.108  | Label unwinding roller                            | Spectra 10X                                  | 1        |
| 32  | 16.88.115A | Front panel, short                                | Spectra II 10X                               | 1        |
| 33* | 18.88.101  | Pressure roller                                   | Spectra/SPX/Duoprint 107/ILX 10X/SPE         | 1        |
| 34* | 18.88.101A | Pressure roller 42 Shore A                        | Spectra II 10X/ILX 10X                       | 1        |
| 35  | 28.30.081  | Grounded conductor 2                              | Vario/DPM/SPE/Dynacode/Pica/Flexicode/SPE II | 1        |
| 36  | 28.30.090  | Protective conductor 2                            | Dynacode/SPX/Vita/Duoprint/Pica II           | 1        |
| 37  | 28.30.0963 | GROUNDED CONDUCTOR                                |                                              | 2        |
| 38  | 28.48.010  | CONNECTING CABLE STEP/DOWN - CPU                  | VITA                                         | 1        |
| 39  | 28.79.010  | Connecting cable, motor signals CPU-distr plate   | Flexicode/Spectra II                         | 1        |
| 40  | 28.79.045  | Connecting cable, encoder-distributor plate       | Flexicode/Spectra II                         | 1        |
| 41  | 28.81.015  | Bushing cable                                     | Duoprint/Spectra II 1XX                      | 1        |
| 42  | 28.88.002A | CONNECTING CABLE                                  |                                              | 1        |
| 43  | 28.88.005A | Photocell cable, transmission/reflexion photocell | Spectra II                                   | 1        |
| 44  | 28.88.035A | Connecting cable, control unit-CPU                | Spectra II                                   | 1        |
| 45  | 28.88.040A | Connecting cable, LED-CPU                         | Spectra II                                   | 1        |
| 46  | 28.88.901A | Winder supply line                                | Spectra II                                   | 1        |
| 47  | 31.03.035  | Photocell                                         |                                              | 1        |
| 48  | 35.01.002  | Cable joint 100x2.5 mm                            |                                              | 6        |
| 49  | 35.01.022  | Nylon bracket 7.4-8.4 mm                          |                                              | 1        |
| 50  | 35.07.005  | WIRING DUCT                                       |                                              | 1        |
| 51  | 35.12.3127 | Light conductor, flat                             |                                              | 2        |
| 52  | 37.28.010  | Vibration absorption                              | Spectra/SPE/SPX                              | 1        |
| 53  | 37.28.020  | Edge protection file                              | Pica/Spectra, in meters                      | 0,55m    |
| 54  | 37.39.600  | Power supply                                      | Duoprint/Spectra II/SPX II                   | 1        |
| 55  | 37.88.001  | Rubber-sponge                                     |                                              | 0,01     |
| 56  | 40.01.003  | Shaft protection 3.2 mm                           |                                              | 4        |

\*Recommended spare part

## 71.88.800A

SPECTRA II 10X PRINT MECHANISM, THERMAL TRANSFER  
PRE-ASSEMBLED, W/O PRINTHEAD, FLAT-TYPE

| Pos | Ident-No.  | Description1                     | Description2                                     | Quantity |
|-----|------------|----------------------------------|--------------------------------------------------|----------|
| 57  | 40.01.006  | Shaft protection 6 mm            |                                                  | 8        |
| 58  | 40.01.007  | Shaft protection 7 mm            |                                                  | 1        |
| 59  | 40.03.003  | Lock washer                      |                                                  | 8        |
| 60  | 41.01.007  | Rosette 4x9 mm                   |                                                  | 3        |
| 61  | 41.02.002  | Fan shaped washer M4             |                                                  | 5        |
| 62  | 41.03.003  | Lock washer M3                   |                                                  | 23       |
| 63  | 41.03.004  | Lock washer M4                   |                                                  | 35       |
| 64  | 41.03.006  | Lock washer M6                   |                                                  | 1        |
| 65  | 42.13.314V | TAPER PIN 2x15 DIN 1472          |                                                  | 2        |
| 66  | 45.81.020  | Spacer                           | Duoprint/SPX II/Spectra II/LPM II/ILX 10X/SPE II | 1        |
| 67  | 45.88.026  | PRESSURE LEVER                   |                                                  | 1        |
| 68  | 45.88.030  | Clamping-down clamp              | Spectra                                          | 1        |
| 69  | 45.88.035  | Limit stop                       | Spectra/SPE/SPX/ILX 10X                          | 1        |
| 70  | 45.88.045A | Sole plate                       | Spectra II/LPM II/SPE II                         | 1        |
| 71  | 45.88.101  | Profile, above 140 mm            | Spectra/SPE/SPX/ILX 10X                          | 1        |
| 72  | 45.88.102  | Profile, below 140 mm            | Spectra 10X                                      | 1        |
| 73  | 45.88.115  | Strut                            | Spectra/SPE                                      | 1        |
| 74  | 45.88.705A | STABILIZING LEDGE                |                                                  | 1        |
| 75  | 46.88.033A | Transmission shaft               | Spectra II/ILX 10X/SPE II                        | 1        |
| 76  | 46.88.101  | Bearing pillar for label guiding | Spectra/SPE                                      | 1        |
| 77  | 46.88.105  | Spacer shaft for label guiding   | Spectra                                          | 1        |
| 78  | 46.88.110  | Brush shaft                      | Spectra/Vita/Duoprint 107                        | 1        |
| 79  | 46.88.115  | Straight shaft                   | Spectra/SPE/SPX/ILX 10X                          | 1        |
| 80  | 46.88.120  | Ribbon rewinding/unwinding shaft | Spectra/SPE/SPX/Vita/ILX 10X/ALP                 | 2        |
| 81  | 47.04.001  | Hexagon nut M3                   |                                                  | 6        |
| 82  | 47.05.001  | Hexagon nut M4                   |                                                  | 7        |
| 83  | 47.07.001  | Hexagon nut M6                   |                                                  | 1        |
| 84  | 47.08.001  | Hexagon nut M8                   |                                                  | 1        |

\*Recommended spare part

## 71.88.800A

SPECTRA II 10X PRINT MECHANISM, THERMAL TRANSFER  
PRE-ASSEMBLED, W/O PRINTHEAD, FLAT-TYPE

| Pos | Ident-No.  | Description1              | Description2 | Quantity |
|-----|------------|---------------------------|--------------|----------|
| 85  | 48.04.208  | Screw M2x8                |              | 2        |
| 86  | 48.10.005  | Setscrew M4x4             |              | 4        |
| 87  | 48.10.007  | Setscrew M3x12            |              | 3        |
| 88  | 48.10.406  | Setscrew M4x6             |              | 1        |
| 89  | 48.10.408  | Setscrew M4x8             |              | 2        |
| 90  | 48.10.412  | Setscrew M4x12            |              | 7        |
| 91  | 48.10.505  | Setscrew M5x5             |              | 1        |
| 92  | 48.13.212  | Screw 22x4.5              |              | 4        |
| 93  | 48.13.308  | Screw KA3x8               |              | 7        |
| 94  | 48.13.410  | Screw 40x10               |              | 4        |
| 95  | 48.14.208  | Pan screw M2.5x8          |              | 3        |
| 96  | 48.14.304  | Pan screw M3x4            |              | 2        |
| 97  | 48.14.306  | Pan screw M3x6            |              | 36       |
| 98  | 48.14.310  | Pan screw M3x10           |              | 2        |
| 99  | 48.14.314V | Pan screw M3x14 stainless |              | 2        |
| 100 | 48.14.406  | Pan screw M4x6            |              | 22       |
| 101 | 48.14.410  | Pan screw M4x10           |              | 8        |
| 102 | 48.15.002  | Pan screw M4x10           |              | 15       |
| 103 | 48.15.003  | Countersunk screw M3x6    |              | 5        |
| 104 | 48.15.004  | Countersunk screw M4x16   |              | 9        |
| 105 | 48.15.204  | Countersunk screw M2.5x4  |              | 2        |
| 106 | 48.15.304  | Countersunk screw M3x4    |              | 2        |
| 107 | 48.15.308  | Countersunk screw M3x8    |              | 4        |
| 108 | 48.15.310  | Countersunk screw M3x10   |              | 1        |
| 109 | 48.15.316  | Countersunk screw M3x16   |              | 3        |
| 110 | 48.16.015  | KNURLED SCREW             |              | 2        |
| 111 | 48.16.306  | Socket cap screw M3x6     |              | 10       |
| 112 | 48.16.316  | Socket cap screw M3x16    |              | 2        |

\*Recommended spare part

## 71.88.800A

SPECTRA II 10X PRINT MECHANISM, THERMAL TRANSFER  
PRE-ASSEMBLED, W/O PRINTHEAD, FLAT-TYPE

| Pos  | Ident-No.  | Description1                      | Description2                                    | Quantity |
|------|------------|-----------------------------------|-------------------------------------------------|----------|
| 113  | 48.16.408  | Socket cap screw M4x8             |                                                 | 2        |
| 114  | 48.16.410  | Socket cap screw M4x10            |                                                 | 1        |
| 115  | 48.16.412  | Socket cap screw M4x12            |                                                 | 4        |
| 116  | 48.16.430  | Socket cap screw M4x30            |                                                 | 1        |
| 117  | 48.16.440  | Socket cap screw M4x40            |                                                 | 1        |
| 118  | 48.16.460V | Socket cap screw M4x60 stainless  |                                                 | 1        |
| 119  | 48.18.020  | Spring pressure piece             |                                                 | 1        |
| 120  | 48.19.875  | Socket cap screw M8x75            |                                                 | 1        |
| 121  | 48.26.410V | Screw-and-washer assembly M4x10   |                                                 | 12       |
| 122  | 50.01.009  | Lock washer 5x2x0.3               |                                                 | 2        |
| 123  | 50.01.012  | Lock washer 18x8.15x1.0 stainless |                                                 | 3        |
| 124  | 50.01.046  | Lock washer M4                    |                                                 | 8        |
| 125  | 50.01.057  | Lock washer 3.2                   |                                                 | 19       |
| 126  | 50.01.065  | Lock washer 4.3                   |                                                 | 5        |
| 127  | 50.01.069  | Lock washer 2.7                   |                                                 | 3        |
| 128  | 50.50.502  | WASHER                            |                                                 | 1        |
| 129  | 50.50.802  | Washer 8x14x0.2                   |                                                 | 1        |
| 130* | 50.88.001  | Striker arm plate                 | Spectra/SPE/SPX/DPM III+IV/Vario II/Vita/FC/ALP | 2        |
| 131  | 52.02.026  | Tension spring                    | Spectra                                         | 1        |
| 132  | 52.02.047  | Tension spring                    | Desco/Spectra/SPE/SPX/ILX                       | 1        |
| 133  | 52.04.002  | Cup spring                        |                                                 | 1        |
| 134  | 52.04.004  | Cup spring                        |                                                 | 1        |
| 135* | 52.55.010  | Tension spring                    |                                                 | 1        |
| 136* | 52.88.005  | Compression spring                | Spectra/DPM/SPE/Vario/SPX/Vita/Flexicode/ALP    | 2        |
| 137  | 55.10.001  | Self-adhesive scale               |                                                 | 1        |
| 138  | 55.88.005A | Cover foil 380 x 120 mm           | Spectra II                                      | 1        |
| 139  | 55.88.015A | Foil, ribbon pathway              | Spectra II 108/Spectra II 162/Spectra II 216    | 1        |
| 140* | 57.01.002  | Grooved ball bearing              |                                                 | 1        |

\*Recommended spare part

## 71.88.800A

SPECTRA II 10X PRINT MECHANISM, THERMAL TRANSFER  
PRE-ASSEMBLED, W/O PRINTHEAD, FLAT-TYPE

| Pos  | Ident-No.  | Description1                             | Description2                                       | Quantity |
|------|------------|------------------------------------------|----------------------------------------------------|----------|
| 141* | 57.01.007  | Grooved ball bearing                     |                                                    | 7        |
| 142* | 57.01.008  | Grooved ball bearing                     |                                                    | 1        |
| 143* | 57.02.105  | Bearing                                  | Spectra                                            | 1        |
| 144* | 57.02.108  | Bearing                                  | Spectra                                            | 1        |
| 145* | 57.02.110  | Bearing                                  |                                                    | 2        |
| 146  | 57.05.050  | Magnetic tape Isoflex 12.7x2.2 mm x 30 m |                                                    | 0,01     |
| 147  | 57.88.001  | Hinge                                    |                                                    | 2        |
| 148  | 57.88.005  | Hinge                                    |                                                    | 3        |
| 149  | 59.88.019A | Toothed belt wheel                       | Spectra II/ILX 10X                                 | 1        |
| 150  | 59.88.032  | Toothed belt wheel                       | Spectra/SPE/SPX/Vita/Flexicode/ALP                 | 1        |
| 151  | 59.88.033  | Toothed belt wheel                       | Spectra/SPE/SPX/Vita/ILX                           | 1        |
| 152* | 59.88.225  | Toothed belt                             | Spectra                                            | 1        |
| 153* | 59.88.421  | Toothed belt                             | Spectra                                            | 1        |
| 154  | 67.48.035  | Interface cover                          | Vita II/Compa II/Pica II/Duop/Vario III/Spectra II | 1        |
| 155  | 67.48.130  | Tear-off edge                            | Vita/Duoprint 107/Spectra II 10X                   | 1        |
| 156  | 67.55.120  | Interface cover                          | Vario II/Pica/Spectra/SPE/SPX/Vita                 | 1        |
| 157  | 67.74.075  | COVER FOR APX PREPARATION                |                                                    | 1        |
| 158  | 67.79.050  | BRACKET FOR PHOTO CELL                   |                                                    | 1        |
| 159  | 67.88.001A | CASSIS BASE                              |                                                    | 1        |
| 160  | 67.88.005A | Cover, left                              | Spectra II 10X/Spectra II 16X/Spectra II 216       | 1        |
| 161  | 67.88.010A | Connecting plate                         | Spectra II                                         | 1        |
| 162  | 67.88.012A | INTERLAYER                               | SPECTRA II                                         | 1        |
| 163  | 67.88.015A | SOLE PLATE ABOVE                         |                                                    | 1        |
| 164  | 67.88.020A | Sole plate, below                        | Spectra II 103/104/106/108/162                     | 1        |
| 165  | 67.88.030  | Sole plate ribbon rewinder               | Spectra/Spectra II/SPE/Vario/SPX/Vita              | 1        |
| 166  | 67.88.033A | SOLE PLATE                               |                                                    | 1        |
| 167  | 67.88.038A | Plate                                    | Spectra II                                         | 2        |
| 168  | 67.88.050  | Sole plate label guiding device          | Spectra/SPE                                        | 2        |

\*Recommended spare part

## 71.88.800A

SPECTRA II 10X PRINT MECHANISM, THERMAL TRANSFER  
PRE-ASSEMBLED, W/O PRINTHEAD, FLAT-TYPE

| Pos  | Ident-No.  | Description1                              | Description2                                      | Quantity |
|------|------------|-------------------------------------------|---------------------------------------------------|----------|
| 169  | 67.88.055A | COVER PLATE FOR LABEL REWINDER SPECTRA II |                                                   | 1        |
| 170  | 67.88.064A | COVER USB SPECTRA II                      |                                                   | 1        |
| 171  | 67.88.065  | Circuit plate                             | Spectra/SPE/SPX                                   | 1        |
| 172  | 67.88.075A | PROTECTIVE PLATE                          |                                                   | 1        |
| 173  | 67.88.080  | Adjusting plate                           | Spectra/SPE/SPX                                   | 1        |
| 174  | 67.88.085  | Cross bar                                 | Spectra 108/Spectra 162                           | 1        |
| 175  | 67.88.095A | Cover, right (base part)                  | Spectra II 10X/Spectra II 16X                     | 1        |
| 176  | 67.88.101A | Base plate                                | Spectra II 10X                                    | 1        |
| 177  | 67.88.105A | BACK PANEL                                |                                                   | 1        |
| 178  | 67.88.112A | Cover, right (upper part)                 | Spectra II 10X                                    | 1        |
| 179  | 67.88.120  | Front sheet                               | Spectra 107/Spectra 108/Duoprint 107              | 1        |
| 180  | 67.88.125A | COVER SHEET BELOW                         |                                                   | 1        |
| 181* | 70.39.403  | Power electronics                         | Spectra II 10X/Spectra II 16X/SPX II/LPM II       | 1        |
| 182  | 70.88.010  | CPU 8 dot + 12 dot cpl                    | Spectra II                                        | 1        |
| 183  | 70.88.061  | LED adapter                               | Spectra II                                        | 1        |
| 184  | 71.81.015  | Photocell printhead/ribbon/ribbon saving  |                                                   | 1        |
| 185* | 71.83.018  | Label photocell                           | transmission above+reflexion below                | 1        |
| 186  | 71.88.010A | Stepper motor feed                        | Spectra II                                        | 1        |
| 187  | 71.88.015A | Photocell ribbon saving                   | Spectra II/LPM II/SPE II                          | 1        |
| 188  | 71.88.040A | Power input module cpl                    | Spectra II                                        | 1        |
| 189  | 72.74.010  | Bearing ring                              | ILX/Spectra II/LPM II/SPE II                      | 1        |
| 190  | 72.79.045  | Backfeed plate cpl                        | Flexicode/Spectra II/LPM II/SPE II                | 1        |
| 191  | 72.88.005A | Carrier plate cpl                         | Spectra II 103/104/106/108/162/216                | 1        |
| 192  | 72.88.015A | Washer, inside cpl                        | Spectra II                                        | 1        |
| 193* | 72.88.020  | Washer cpl, outside                       | Spectra 108/SPE 108                               | 1        |
| 194* | 72.88.034  | Toothed belt wheel cpl                    | Spectra/SPE/SPX/Vita/ILX 10X                      | 1        |
| 195* | 72.88.048  | Toothed belt wheel cpl                    | Spectra/SPE/Vario/SPX/Vita/Flexicode/ILX/ALP      | 1        |
| 196* | 72.88.101  | Ribbon rewinding/unwinding roller cpl     | Spectra/DPM III/SPE/Vario/SPX/Vita/ILX 10X, right | 2        |

\*Recommended spare part

## 71.88.800A

SPECTRA II 10X PRINT MECHANISM, THERMAL TRANSFER  
PRE-ASSEMBLED, W/O PRINTHEAD, FLAT-TYPE

| Pos | Ident-No. | Description1          | Description2                                   | Quantity |
|-----|-----------|-----------------------|------------------------------------------------|----------|
| 197 | 72.88.105 | Pressure shaft cpl    | Spectra 107/108/Duoprint/SPE/SPX/ILX 10X right | 1        |
| 198 | 72.88.110 | Brush shaft cpl       | Spectra 107/Spectra 108/Vita/Duoprint 108      | 2        |
| 199 | 72.88.115 | Printhead bracket cpl | Spectra 108/106/SPE/SPX right/ILX 10X right    | 1        |

\*Recommended spare part

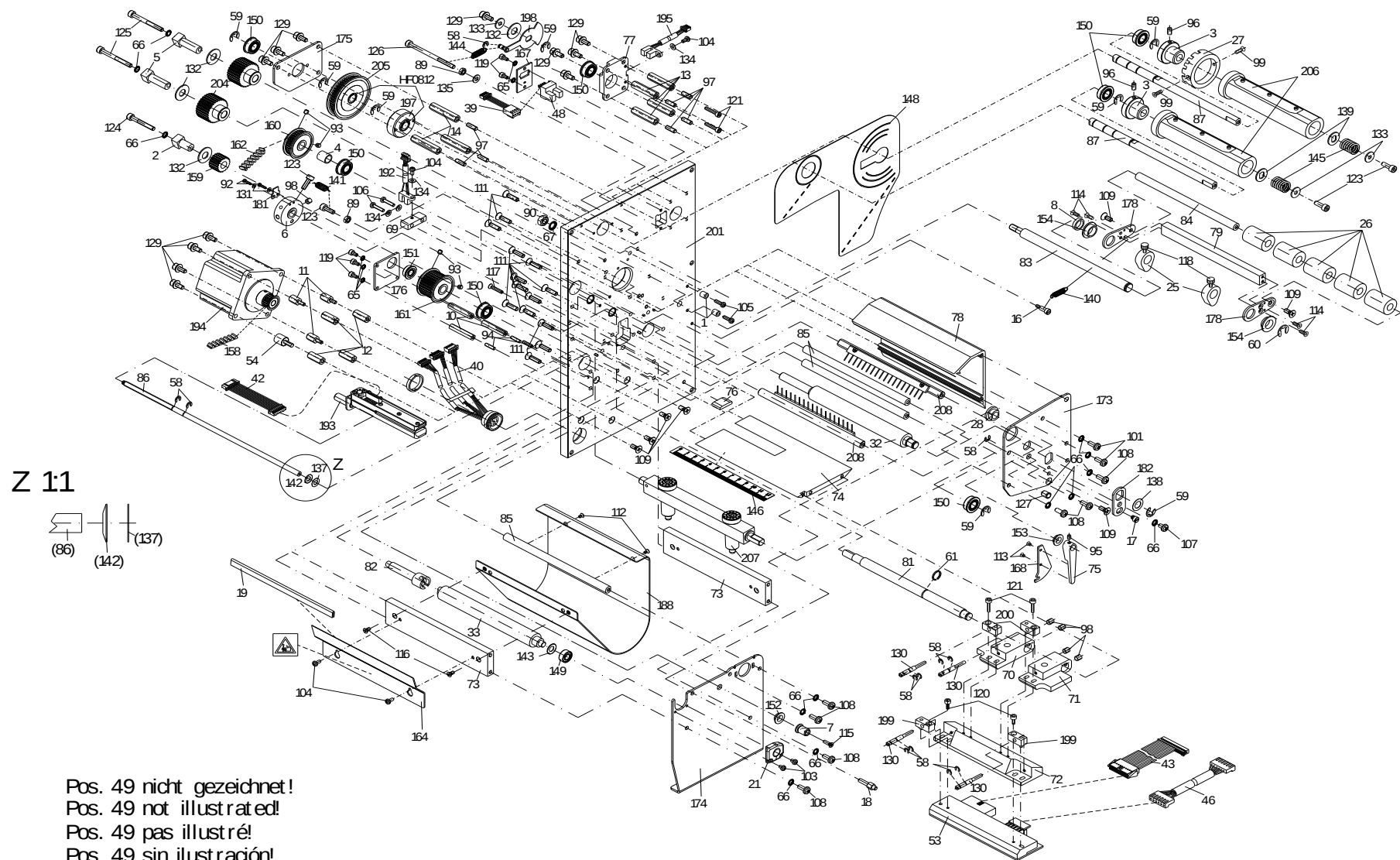
Modifications and errors excepted

Spectra II: 06.2023

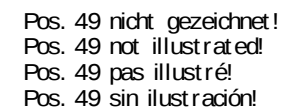
20 / 144

## 71.88.805A

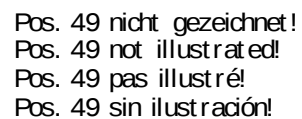
SPECTRA II 107 PRINT MECHANISM, THERMAL TRANSFER  
PRE-ASSEMBLED, W/O DISPLAY UNIT, KCE



**SPECTRA II 107 PRINT MECHANISM, THERMAL TRANSFER  
PRE-ASSEMBLED, W/O DISPLAY UNIT, KCE**



**SPECTRA II 107 PRINT MECHANISM, THERMAL TRANSFER  
PRE-ASSEMBLED, W/O DISPLAY UNIT, KCE**



## 71.88.805A

### SPECTRA II 107 PRINT MECHANISM, THERMAL TRANSFER PRE-ASSEMBLED, W/O DISPLAY UNIT, KCE

| Pos | Ident-No.  | Description1             | Description2                                 | Quantity |
|-----|------------|--------------------------|----------------------------------------------|----------|
| 1   | 10.41.015  | Spacer roller 6x3.2x6 mm |                                              | 2        |
| 2*  | 10.87.020  | Eccentric bearing        | Vario/SPE/DPM/SPX/Vita/Flexicode             | 1        |
| 3   | 10.88.001  | Bearing bush             | Spectra/SPE/DPM/SPX/Vita/Flexicode/ILX/ALP   | 2        |
| 4   | 10.88.015  | Spacer sleeve            | Spectra/SPE/Vario/SPX/Vita                   | 1        |
| 5*  | 10.88.020  | Eccentric bearing        | Spectra/SPE/SPX/Vita/Duoprint/ILX            | 2        |
| 6   | 10.88.025  | Bearing ring             | Spectra/SPE/SPX                              | 1        |
| 7   | 10.88.036  | Knurled knob             | Spectra II/SPE II                            | 1        |
| 8   | 10.88.050A | Spacer ring              | Spectra II                                   | 1        |
| 9   | 12.40.313  | Distance bolt M3x13      |                                              | 4        |
| 10  | 12.40.330  | DISTANCE BOLT M3 X 30    |                                              | 3        |
| 11  | 12.40.410  | Distance bolt M4x10      |                                              | 3        |
| 12  | 12.40.417  | Distance bolt M4x17      | Spectra/SPE                                  | 4        |
| 13  | 12.40.4308 | Distance bolt M4x30.8    |                                              | 4        |
| 14  | 12.40.434  | Distance bolt M4x34.8    |                                              | 3        |
| 15  | 12.40.455  | DISTANCE BOLT M4 X 55    |                                              | 3        |
| 16  | 12.88.001  | Spring pillar            | Spectra                                      | 1        |
| 17* | 12.88.030  | Eccentric pin            | Spectra/SPE/SPX                              | 1        |
| 18  | 12.88.035A | LOCK PIN                 |                                              | 1        |
| 19  | 16.01.007  | Edge protection profile  | in meters                                    | 0,14m    |
| 20* | 16.01.020  | Machine foot, h: 10.5 mm | Spectra                                      | 4        |
| 21  | 16.56.045  | Supporting piece         | Vario III/Spectra II/ILX 10X/SPE II          | 1        |
| 22  | 16.88.002A | Front panel              | Spectra II, touch version                    | 1        |
| 23  | 16.88.006A | Front panel, below       | Spectra II touch                             | 1        |
| 24  | 16.88.027  | Window                   | Spectra                                      | 1        |
| 25  | 16.88.035  | Label guiding            | Spectra/SPE "SES"                            | 2        |
| 26  | 16.88.040  | Roller                   | Spectra/SPE "SES"                            | 5        |
| 27  | 16.88.055  | Sprocket wheel           | Spectra/SPE/DPM/Vario/SPX/Vita/Flexicode/ALP | 1        |
| 28  | 16.88.070  | Slide bearing            | Spectra/SPE/SPX/ALP                          | 1        |

\*Recommended spare part

## 71.88.805A

### SPECTRA II 107 PRINT MECHANISM, THERMAL TRANSFER PRE-ASSEMBLED, W/O DISPLAY UNIT, KCE

| Pos | Ident-No.  | Description1                                      | Description2                                 | Quantity |
|-----|------------|---------------------------------------------------|----------------------------------------------|----------|
| 29  | 16.88.080A | Handle                                            | Spectra II                                   | 1        |
| 30  | 16.88.108  | Label unwinding roller                            | Spectra 10X                                  | 1        |
| 31  | 16.88.115A | Front panel, short                                | Spectra II 10X                               | 1        |
| 32* | 18.88.101  | Pressure roller                                   | Spectra/SPX/Duoprint 107/ILX 10X/SPE         | 1        |
| 33* | 18.88.101A | Pressure roller 42 Shore A                        | Spectra II 10X/ILX 10X                       | 1        |
| 34  | 28.30.081  | Grounded conductor 2                              | Vario/DPM/SPE/Dynacode/Pica/Flexicode/SPE II | 1        |
| 35  | 28.30.090  | Protective conductor 2                            | Dynacode/SPX/Vita/Duoprint/Pica II           | 1        |
| 36  | 28.30.0963 | GROUNDED CONDUCTOR                                |                                              | 2        |
| 37  | 28.48.010  | CONNECTING CABLE STEP/DOWN - CPU                  | VITA                                         | 1        |
| 38  | 28.79.010  | Connecting cable, motor signals CPU-distr plate   | Flexicode/Spectra II                         | 1        |
| 39  | 28.79.045  | Connecting cable, encoder-distributor plate       | Flexicode/Spectra II                         | 1        |
| 40  | 28.81.015  | Bushing cable                                     | Duoprint/Spectra II 1XX                      | 1        |
| 41  | 28.88.002A | CONNECTING CABLE                                  |                                              | 1        |
| 42  | 28.88.005A | Photocell cable, transmission/reflexion photocell | Spectra II                                   | 1        |
| 43  | 28.88.012A | CABLE FOR PRINT HEAD                              | KCE107/160                                   | 1        |
| 44  | 28.88.035A | Connecting cable, control unit-CPU                | Spectra II                                   | 1        |
| 45  | 28.88.040A | Connecting cable, LED-CPU                         | Spectra II                                   | 1        |
| 46  | 28.88.102A | POWER CABLE KCE107                                | SPECTRA II                                   | 1        |
| 47  | 28.88.901A | Winder supply line                                | Spectra II                                   | 1        |
| 48  | 31.03.035  | Photocell                                         |                                              | 1        |
| 49  | 35.01.002  | Cable joint 100x2.5 mm                            |                                              | 6        |
| 50  | 35.01.011  | Cord-Clip 8 mm                                    |                                              | 2        |
| 51  | 35.07.005  | WIRING DUCT                                       |                                              | 1        |
| 52  | 35.12.3127 | Light conductor, flat                             |                                              | 1        |
| 53* | 37.04.1010 | Thermal printhead 107-12                          | Spectra II/SPE II/LPM II/Dynacode/Duoprint   | 1        |
| 54  | 37.28.010  | Vibration absorption                              | Spectra/SPE/SPX                              | 1        |
| 55  | 37.28.020  | Edge protection file                              | Pica/Spectra, in meters                      | 0,55m    |
| 56  | 37.39.600  | Power supply                                      | Duoprint/Spectra II/SPX II                   | 1        |

\*Recommended spare part

## 71.88.805A

### SPECTRA II 107 PRINT MECHANISM, THERMAL TRANSFER PRE-ASSEMBLED, W/O DISPLAY UNIT, KCE

| Pos | Ident-No.  | Description1                     | Description2                                     | Quantity |
|-----|------------|----------------------------------|--------------------------------------------------|----------|
| 57  | 37.88.001  | Rubber-sponge                    |                                                  | 0,01     |
| 58  | 40.01.003  | Shaft protection 3.2 mm          |                                                  | 12       |
| 59  | 40.01.006  | Shaft protection 6 mm            |                                                  | 8        |
| 60  | 40.01.007  | Shaft protection 7 mm            |                                                  | 1        |
| 61  | 40.02.010  | Protective ring 10 mm            |                                                  | 1        |
| 62  | 40.03.003  | Lock washer                      |                                                  | 8        |
| 63  | 41.01.007  | Rosette 4x9 mm                   |                                                  | 3        |
| 64  | 41.02.002  | Fan shaped washer M4             |                                                  | 5        |
| 65  | 41.03.003  | Lock washer M3                   |                                                  | 21       |
| 66  | 41.03.004  | Lock washer M4                   |                                                  | 38       |
| 67  | 41.03.006  | Lock washer M6                   |                                                  | 1        |
| 68  | 42.13.314V | TAPER PIN 2x15 DIN 1472          |                                                  | 2        |
| 69  | 45.81.020  | Spacer                           | Duoprint/SPX II/Spectra II/LPM II/ILX 10X/SPE II | 1        |
| 70  | 45.87.015  | Printhead bearing, left          | SPE 107/Spectra 107/Spectra 160/Duoprint         | 1        |
| 71  | 45.87.020  | Printhead bearing, right         | SPE 107/Spectra 107/Spectra 160/Duoprint         | 1        |
| 72  | 45.87.110  | Printhead bracket                | SPE 107/Spectra 107/Duoprint 107                 | 1        |
| 73  | 45.87.115  | Strut                            | SPE/Spectra 107/Duoprint 107/LPM II 10X          | 2        |
| 74  | 45.87.120  | Intermediate plate, right        | SPE/Spectra 107/SPX/Duoprint 107/ILX 10X         | 1        |
| 75  | 45.88.026  | PRESSURE LEVER                   |                                                  | 1        |
| 76  | 45.88.035  | Limit stop                       | Spectra/SPE/SPX/ILX 10X                          | 1        |
| 77  | 45.88.045A | Sole plate                       | Spectra II/LPM II/SPE II                         | 1        |
| 78  | 45.88.101  | Profile, above 140 mm            | Spectra/SPE/SPX/ILX 10X                          | 1        |
| 79  | 45.88.115  | Strut                            | Spectra/SPE                                      | 1        |
| 80  | 45.88.705A | STABILIZING LEDGE                |                                                  | 1        |
| 81  | 46.87.101  | Printhead shaft, right           | SPE 107/Spectra 107/Duoprint 107                 | 1        |
| 82  | 46.88.033A | Transmission shaft               | Spectra II/ILX 10X/SPE II                        | 1        |
| 83  | 46.88.101  | Bearing pillar for label guiding | Spectra/SPE                                      | 1        |
| 84  | 46.88.105  | Spacer shaft for label guiding   | Spectra                                          | 1        |

\*Recommended spare part

## 71.88.805A

SPECTRA II 107 PRINT MECHANISM, THERMAL TRANSFER  
PRE-ASSEMBLED, W/O DISPLAY UNIT, KCE

| Pos | Ident-No.  | Description1                     | Description2                     | Quantity |
|-----|------------|----------------------------------|----------------------------------|----------|
| 85  | 46.88.110  | Brush shaft                      | Spectra/Vita/Duoprint 107        | 3        |
| 86  | 46.88.115  | Straight shaft                   | Spectra/SPE/SPX/ILX 10X          | 1        |
| 87  | 46.88.120  | Ribbon rewinding/unwinding shaft | Spectra/SPE/SPX/Vita/ILX 10X/ALP | 2        |
| 88  | 47.04.001  | Hexagon nut M3                   |                                  | 6        |
| 89  | 47.05.001  | Hexagon nut M4                   |                                  | 7        |
| 90  | 47.07.001  | Hexagon nut M6                   |                                  | 1        |
| 91  | 47.08.001  | Hexagon nut M8                   |                                  | 1        |
| 92  | 48.04.208  | Screw M2x8                       |                                  | 2        |
| 93  | 48.10.005  | Setscrew M4x4                    |                                  | 4        |
| 94  | 48.10.007  | Setscrew M3x12                   |                                  | 3        |
| 95  | 48.10.406  | Setscrew M4x6                    |                                  | 1        |
| 96  | 48.10.408  | Setscrew M4x8                    |                                  | 2        |
| 97  | 48.10.412  | Setscrew M4x12                   |                                  | 7        |
| 98  | 48.10.505  | Setscrew M5x5                    |                                  | 5        |
| 99  | 48.13.212  | Screw 22x4.5                     |                                  | 2        |
| 100 | 48.13.308  | Screw KA3x8                      |                                  | 7        |
| 101 | 48.13.410  | Screw 40x10                      |                                  | 2        |
| 102 | 48.14.208  | Pan screw M2.5x8                 |                                  | 3        |
| 103 | 48.14.304  | Pan screw M3x4                   |                                  | 2        |
| 104 | 48.14.306  | Pan screw M3x6                   |                                  | 38       |
| 105 | 48.14.310  | Pan screw M3x10                  |                                  | 2        |
| 106 | 48.14.314V | Pan screw M3x14 stainless        |                                  | 2        |
| 107 | 48.14.406  | Pan screw M4x6                   |                                  | 22       |
| 108 | 48.14.410  | Pan screw M4x10                  |                                  | 12       |
| 109 | 48.15.002  | Pan screw M4x10                  |                                  | 16       |
| 110 | 48.15.003  | Countersunk screw M3x6           |                                  | 3        |
| 111 | 48.15.004  | Countersunk screw M4x16          |                                  | 14       |
| 112 | 48.15.204  | Countersunk screw M2.5x4         |                                  | 2        |

\*Recommended spare part

## 71.88.805A

### SPECTRA II 107 PRINT MECHANISM, THERMAL TRANSFER PRE-ASSEMBLED, W/O DISPLAY UNIT, KCE

| Pos  | Ident-No.  | Description1                      | Description2                                    | Quantity |
|------|------------|-----------------------------------|-------------------------------------------------|----------|
| 113  | 48.15.304  | Countersunk screw M3x4            |                                                 | 2        |
| 114  | 48.15.308  | Countersunk screw M3x8            |                                                 | 4        |
| 115  | 48.15.310  | Countersunk screw M3x10           |                                                 | 1        |
| 116  | 48.15.312  | Countersunk screw M3x12           |                                                 | 2        |
| 117  | 48.15.316  | Countersunk screw M3x16           |                                                 | 1        |
| 118  | 48.16.015  | KNURLED SCREW                     |                                                 | 2        |
| 119  | 48.16.306  | Socket cap screw M3x6             |                                                 | 10       |
| 120  | 48.16.312  | Socket cap screw M3x12            |                                                 | 2        |
| 121  | 48.16.316  | Socket cap screw M3x16            |                                                 | 4        |
| 122  | 48.16.408  | Socket cap screw M4x8             |                                                 | 2        |
| 123  | 48.16.412  | Socket cap screw M4x12            |                                                 | 4        |
| 124  | 48.16.430  | Socket cap screw M4x30            |                                                 | 1        |
| 125  | 48.16.440  | Socket cap screw M4x40            |                                                 | 2        |
| 126  | 48.16.460V | Socket cap screw M4x60 stainless  |                                                 | 1        |
| 127  | 48.18.020  | Spring pressure piece             |                                                 | 1        |
| 128  | 48.19.875  | Socket cap screw M8x75            |                                                 | 1        |
| 129  | 48.26.410V | Screw-and-washer assembly M4x10   |                                                 | 12       |
| 130  | 48.87.010  | Adjusting screw                   | SPE/Spectra 107/Spectra 160/Duoprint            | 4        |
| 131  | 50.01.009  | Lock washer 5x2x0.3               |                                                 | 2        |
| 132  | 50.01.012  | Lock washer 18x8.15x1.0 stainless |                                                 | 4        |
| 133  | 50.01.046  | Lock washer M4                    |                                                 | 8        |
| 134  | 50.01.057  | Lock washer 3.2                   |                                                 | 19       |
| 135  | 50.01.065  | Lock washer 4.3                   |                                                 | 5        |
| 136  | 50.01.069  | Lock washer 2.7                   |                                                 | 3        |
| 137  | 50.50.502  | WASHER                            |                                                 | 1        |
| 138  | 50.50.802  | Washer 8x14x0.2                   |                                                 | 1        |
| 139* | 50.88.001  | Striker arm plate                 | Spectra/SPE/SPX/DPM III+IV/Vario II/Vita/FC/ALP | 2        |
| 140  | 52.02.026  | Tension spring                    | Spectra                                         | 1        |

\*Recommended spare part

## 71.88.805A

### SPECTRA II 107 PRINT MECHANISM, THERMAL TRANSFER PRE-ASSEMBLED, W/O DISPLAY UNIT, KCE

| Pos  | Ident-No.  | Description1                             | Description2                                       | Quantity |
|------|------------|------------------------------------------|----------------------------------------------------|----------|
| 141  | 52.02.047  | Tension spring                           | Desco/Spectra/SPE/SPX/ILX                          | 1        |
| 142  | 52.04.002  | Cup spring                               |                                                    | 1        |
| 143  | 52.04.004  | Cup spring                               |                                                    | 1        |
| 144* | 52.55.010  | Tension spring                           |                                                    | 1        |
| 145* | 52.88.005  | Compression spring                       | Spectra/DPM/SPE/Vario/SPX/Vita/Flexicode/ALP       | 2        |
| 146  | 55.10.001  | Self-adhesive scale                      |                                                    | 1        |
| 147  | 55.88.005A | Cover foil 380 x 120 mm                  | Spectra II                                         | 1        |
| 148  | 55.88.017A | FOIL                                     |                                                    | 1        |
| 149* | 57.01.002  | Grooved ball bearing                     |                                                    | 1        |
| 150* | 57.01.007  | Grooved ball bearing                     |                                                    | 7        |
| 151* | 57.01.008  | Grooved ball bearing                     |                                                    | 1        |
| 152* | 57.02.105  | Bearing                                  | Spectra                                            | 1        |
| 153* | 57.02.108  | Bearing                                  | Spectra                                            | 1        |
| 154* | 57.02.110  | Bearing                                  |                                                    | 2        |
| 155  | 57.05.050  | Magnetic tape Isoflex 12.7x2.2 mm x 30 m |                                                    | 0,01     |
| 156  | 57.88.001  | Hinge                                    |                                                    | 2        |
| 157  | 57.88.005  | Hinge                                    |                                                    | 3        |
| 158* | 59.87.481  | Toothed belt                             | SPE/Spectra107/Spectra 160/Duoprint/ILX 10X        | 1        |
| 159  | 59.88.019A | Toothed belt wheel                       | Spectra II/ILX 10X                                 | 1        |
| 160  | 59.88.032  | Toothed belt wheel                       | Spectra/SPE/SPX/Vita/Flexicode/ALP                 | 1        |
| 161  | 59.88.033  | Toothed belt wheel                       | Spectra/SPE/SPX/Vita/ILX                           | 1        |
| 162* | 59.88.225  | Toothed belt                             | Spectra                                            | 1        |
| 163  | 67.48.035  | Interface cover                          | Vita II/Compa II/Pica II/Duop/Vario III/Spectra II | 1        |
| 164  | 67.48.130  | Tear-off edge                            | Vita/Duoprint 107/Spectra II 10X                   | 1        |
| 165  | 67.55.120  | Interface cover                          | Vario II/Pica/Spectra/SPE/SPX/Vita                 | 1        |
| 166  | 67.74.075  | COVER FOR APX PREPARATION                |                                                    | 1        |
| 167  | 67.79.050  | BRACKET FOR PHOTO CELL                   |                                                    | 1        |
| 168  | 67.87.035  | Cross bar, right                         | SPE/Spectra107/Spectra 160/Duoprint                | 1        |

\*Recommended spare part

## 71.88.805A

SPECTRA II 107 PRINT MECHANISM, THERMAL TRANSFER  
PRE-ASSEMBLED, W/O DISPLAY UNIT, KCE

| Pos  | Ident-No.  | Description1                              | Description2                                 | Quantity |
|------|------------|-------------------------------------------|----------------------------------------------|----------|
| 169  | 67.88.001A | CASSIS BASE                               |                                              | 1        |
| 170  | 67.88.005A | Cover, left                               | Spectra II 10X/Spectra II 16X/Spectra II 216 | 1        |
| 171  | 67.88.010A | Connecting plate                          | Spectra II                                   | 1        |
| 172  | 67.88.012A | INTERLAYER                                | SPECTRA II                                   | 1        |
| 173  | 67.88.017A | SOLE PLATE ABOVE                          |                                              | 1        |
| 174  | 67.88.022A | SOLE PLATE BELOW                          |                                              | 1        |
| 175  | 67.88.030  | Sole plate ribbon rewinder                | Spectra/Spectra II/SPE/Vario/SPX/Vita        | 1        |
| 176  | 67.88.033A | SOLE PLATE                                |                                              | 1        |
| 177  | 67.88.038A | Plate                                     | Spectra II                                   | 2        |
| 178  | 67.88.050  | Sole plate label guiding device           | Spectra/SPE                                  | 2        |
| 179  | 67.88.055A | COVER PLATE FOR LABEL REWINDER SPECTRA II |                                              | 1        |
| 180  | 67.88.064A | COVER USB SPECTRA II                      |                                              | 1        |
| 181  | 67.88.065  | Circuit plate                             | Spectra/SPE/SPX                              | 1        |
| 182  | 67.88.080  | Adjusting plate                           | Spectra/SPE/SPX                              | 1        |
| 183  | 67.88.095A | Cover, right (base part)                  | Spectra II 10X/Spectra II 16X                | 1        |
| 184  | 67.88.101A | Base plate                                | Spectra II 10X                               | 1        |
| 185  | 67.88.105A | BACK PANEL                                |                                              | 1        |
| 186  | 67.88.112A | Cover, right (upper part)                 | Spectra II 10X                               | 1        |
| 187  | 67.88.120  | Front sheet                               | Spectra 107/Spectra 108/Duoprint 107         | 1        |
| 188  | 67.88.127A | COVER SHEET BELOW                         |                                              | 1        |
| 189* | 70.39.403  | Power electronics                         | Spectra II 10X/Spectra II 16X/SPX II/LPM II  | 1        |
| 190  | 70.88.010  | CPU 8 dot + 12 dot cpl                    | Spectra II                                   | 1        |
| 191  | 70.88.061  | LED adapter                               | Spectra II                                   | 1        |
| 192  | 71.81.015  | Photocell printhead/ribbon/ribbon saving  |                                              | 1        |
| 193* | 71.83.018  | Label photocell                           | transmission above+reflexion below           | 1        |
| 194  | 71.88.010A | Stepper motor feed                        | Spectra II                                   | 1        |
| 195  | 71.88.015A | Photocell ribbon saving                   | Spectra II/LPM II/SPE II                     | 1        |
| 196  | 71.88.040A | Power input module cpl                    | Spectra II                                   | 1        |

\*Recommended spare part

## 71.88.805A

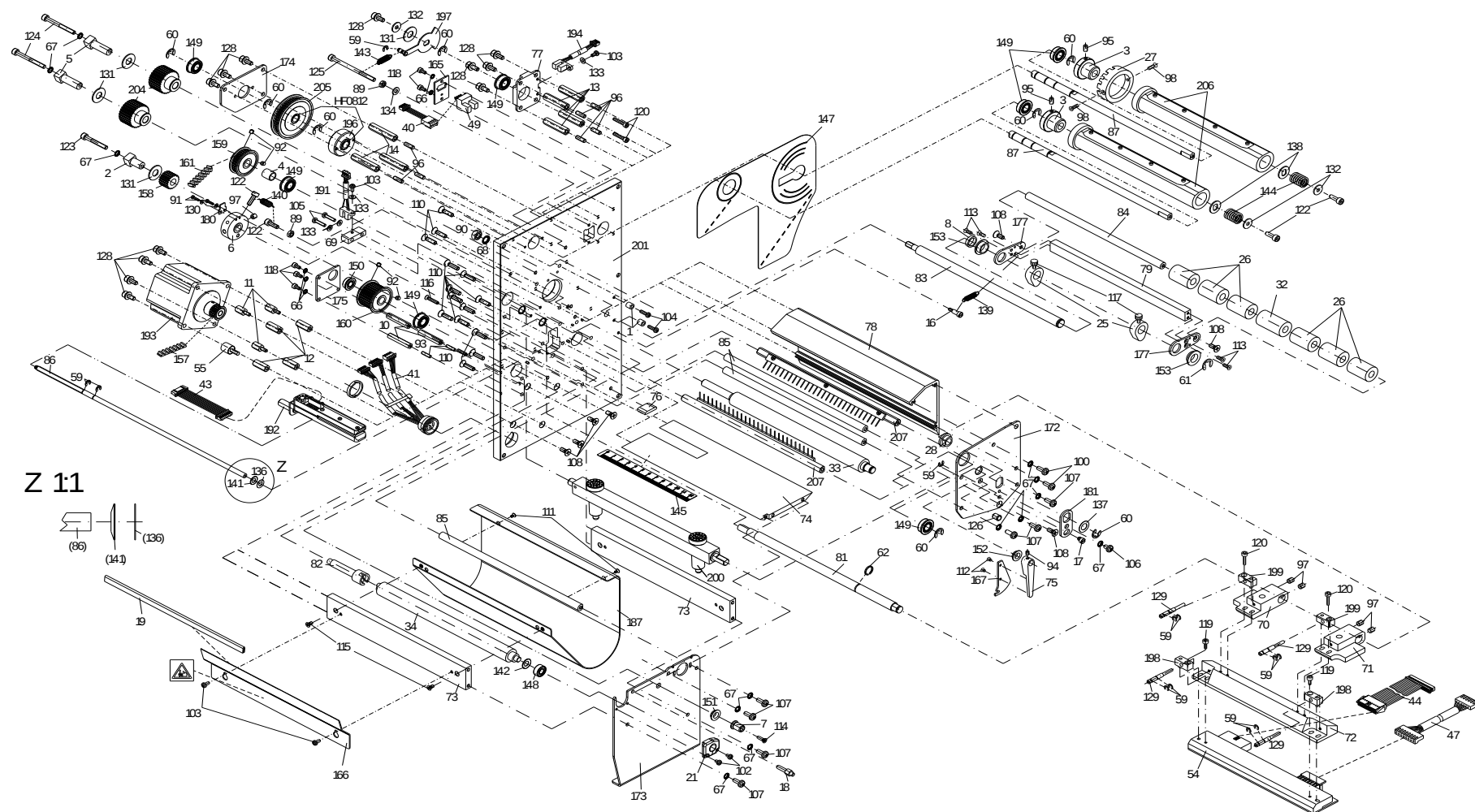
### SPECTRA II 107 PRINT MECHANISM, THERMAL TRANSFER PRE-ASSEMBLED, W/O DISPLAY UNIT, KCE

| Pos  | Ident-No.  | Description1                          | Description2                                      | Quantity |
|------|------------|---------------------------------------|---------------------------------------------------|----------|
| 197  | 72.74.010  | Bearing ring                          | ILX/Spectra II/LPM II/SPE II                      | 1        |
| 198  | 72.79.045  | Backfeed plate cpl                    | Flexicode/Spectra II/LPM II/SPE II                | 1        |
| 199  | 72.87.010  | Adjusting device cpl                  | SPE 107/SPE 160/Spectra 107/Spectra 160/Duoprint  | 2        |
| 200  | 72.87.012  | Adjusting device cpl                  | SPE 107/SPE 160/Spectra 107/Spectra 160/Duoprint  | 2        |
| 201  | 72.88.007A | Carrier plate cpl                     | Spectra II 107/Spectra II 160                     | 1        |
| 202  | 72.88.015A | Washer, inside cpl                    | Spectra II                                        | 1        |
| 203* | 72.88.020  | Washer cpl, outside                   | Spectra 108/SPE 108                               | 1        |
| 204* | 72.88.034  | Toothed belt wheel cpl                | Spectra/SPE/SPX/Vita/ILX 10X                      | 2        |
| 205* | 72.88.048  | Toothed belt wheel cpl                | Spectra/SPE/Vario/SPX/Vita/Flexicode/ILX/ALP      | 1        |
| 206* | 72.88.101  | Ribbon rewinding/unwinding roller cpl | Spectra/DPM III/SPE/Vario/SPX/Vita/ILX 10X, right | 2        |
| 207  | 72.88.105  | Pressure shaft cpl                    | Spectra 107/108/Duoprint/SPE/SPX/ILX 10X right    | 1        |
| 208  | 72.88.110  | Brush shaft cpl                       | Spectra 107/Spectra 108/Vita/Duoprint 108         | 2        |

\*Recommended spare part

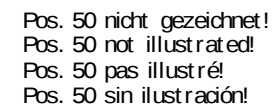
# 71.88.810A

SPECTRA II 160 PRINT MECHANISM, THERMAL TRANSFER  
PRE-ASSEMBLED, W/O DISPLAY UNIT, KCE



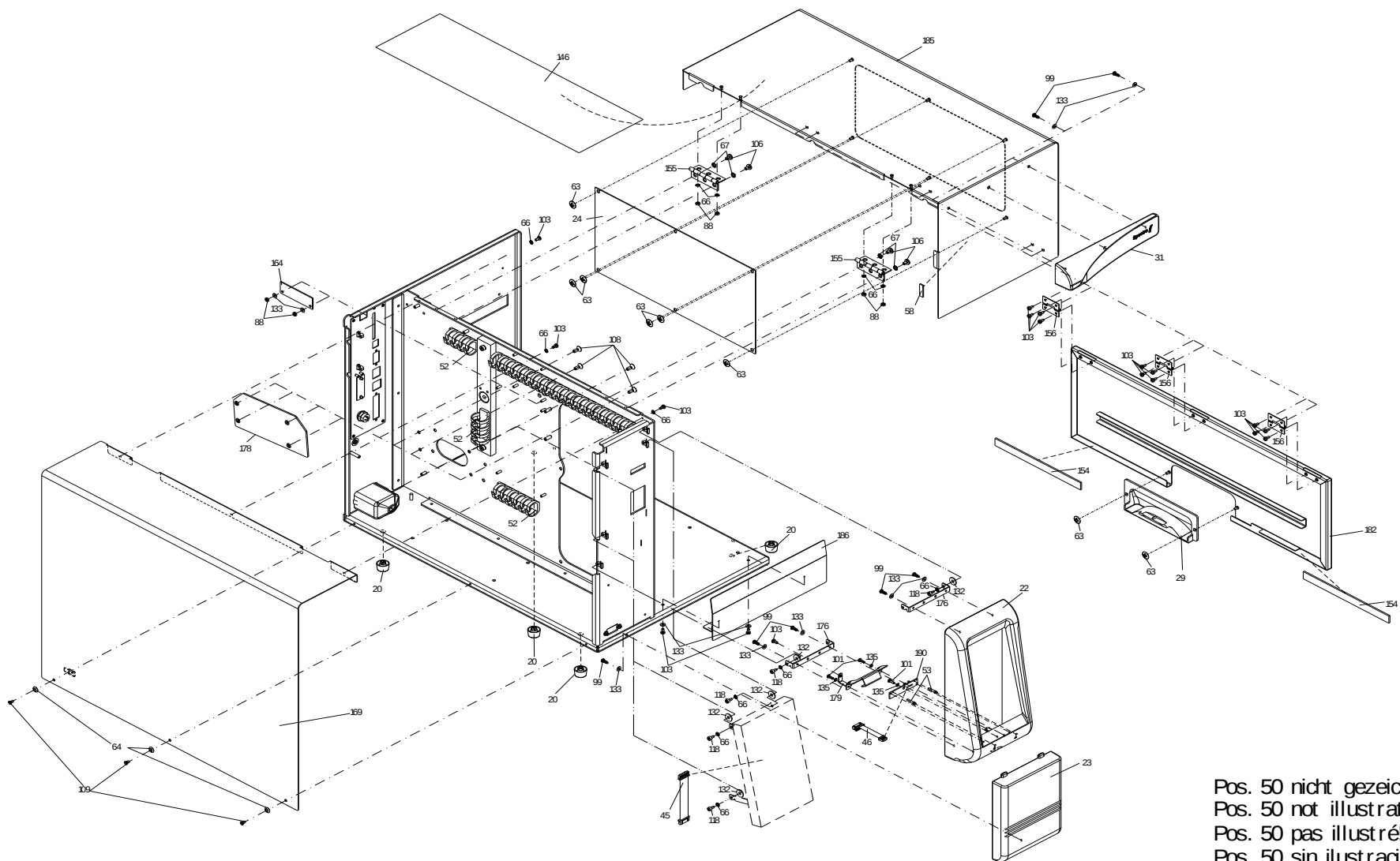
Pos. 50 nicht gezeichnet!  
Pos. 50 not illustrated!  
Pos. 50 pas illustré!  
Pos. 50 sin ilustración!

**SPECTRA II 160 PRINT MECHANISM, THERMAL TRANSFER  
PRE-ASSEMBLED, W/O DISPLAY UNIT, KCE**



## 71.88.810A

SPECTRA II 160 PRINT MECHANISM, THERMAL TRANSFER  
PRE-ASSEMBLED, W/O DISPLAY UNIT, KCE



Pos. 50 nicht gezeichnet!  
Pos. 50 not illustrated!  
Pos. 50 pas illustré!  
Pos. 50 sin ilustración!

## 71.88.810A

**SPECTRA II 160 PRINT MECHANISM, THERMAL TRANSFER  
PRE-ASSEMBLED, W/O DISPLAY UNIT, KCE**

| Pos | Ident-No.  | Description1             | Description2                                 | Quantity |
|-----|------------|--------------------------|----------------------------------------------|----------|
| 1   | 10.41.015  | Spacer roller 6x3.2x6 mm |                                              | 2        |
| 2*  | 10.87.020  | Eccentric bearing        | Vario/SPE/DPM/SPX/Vita/Flexicode             | 1        |
| 3   | 10.88.001  | Bearing bush             | Spectra/SPE/DPM/SPX/Vita/Flexicode/ILX/ALP   | 2        |
| 4   | 10.88.015  | Spacer sleeve            | Spectra/SPE/Vario/SPX/Vita                   | 1        |
| 5*  | 10.88.020  | Eccentric bearing        | Spectra/SPE/SPX/Vita/Duoprint/ILX            | 2        |
| 6   | 10.88.025  | Bearing ring             | Spectra/SPE/SPX                              | 1        |
| 7   | 10.88.036  | Knurled knob             | Spectra II/SPE II                            | 1        |
| 8   | 10.88.050A | Spacer ring              | Spectra II                                   | 1        |
| 9   | 12.40.313  | Distance bolt M3x13      |                                              | 4        |
| 10  | 12.40.330  | DISTANCE BOLT M3 X 30    |                                              | 3        |
| 11  | 12.40.410  | Distance bolt M4x10      |                                              | 3        |
| 12  | 12.40.417  | Distance bolt M4x17      | Spectra/SPE                                  | 4        |
| 13  | 12.40.4308 | Distance bolt M4x30.8    |                                              | 4        |
| 14  | 12.40.434  | Distance bolt M4x34.8    |                                              | 3        |
| 15  | 12.40.455  | DISTANCE BOLT M4 X 55    |                                              | 3        |
| 16  | 12.88.001  | Spring pillar            | Spectra                                      | 1        |
| 17* | 12.88.030  | Eccentric pin            | Spectra/SPE/SPX                              | 1        |
| 18  | 12.88.035A | LOCK PIN                 |                                              | 1        |
| 19  | 16.01.007  | Edge protection profile  | in meters                                    | 0,20m    |
| 20* | 16.01.020  | Machine foot, h: 10.5 mm | Spectra                                      | 4        |
| 21  | 16.56.045  | Supporting piece         | Vario III/Spectra II/ILX 10X/SPE II          | 1        |
| 22  | 16.88.002A | Front panel              | Spectra II, touch version                    | 1        |
| 23  | 16.88.006A | Front panel, below       | Spectra II touch                             | 1        |
| 24  | 16.88.027  | Window                   | Spectra                                      | 1        |
| 25  | 16.88.035  | Label guiding            | Spectra/SPE "SES"                            | 2        |
| 26  | 16.88.040  | Roller                   | Spectra/SPE "SES"                            | 6        |
| 27  | 16.88.055  | Sprocket wheel           | Spectra/SPE/DPM/Vario/SPX/Vita/Flexicode/ALP | 1        |
| 28  | 16.88.070  | Slide bearing            | Spectra/SPE/SPX/ALP                          | 1        |

\*Recommended spare part

## 71.88.810A

### SPECTRA II 160 PRINT MECHANISM, THERMAL TRANSFER PRE-ASSEMBLED, W/O DISPLAY UNIT, KCE

| Pos | Ident-No.  | Description1                                      | Description2                                 | Quantity |
|-----|------------|---------------------------------------------------|----------------------------------------------|----------|
| 29  | 16.88.080A | Handle                                            | Spectra II                                   | 1        |
| 30  | 16.88.205  | Label unwinding roll                              | Spectra 162/Spectra 160                      | 1        |
| 31  | 16.88.215A | Front panel, long                                 | Spectra II 16X/216                           | 1        |
| 32  | 16.88.240  | Roller                                            | Spectra 162/Spectra 160/Spectra 216          | 1        |
| 33* | 18.88.201  | Pressure roller                                   | Duoprint 160/Spectra 162/Spectra 160/SPE     | 1        |
| 34* | 18.88.201A | Pressure roller                                   | Spectra II 16X                               | 1        |
| 35  | 28.30.081  | Grounded conductor 2                              | Vario/DPM/SPE/Dynacode/Pica/Flexicode/SPE II | 1        |
| 36  | 28.30.090  | Protective conductor 2                            | Dynacode/SPX/Vita/Duoprint/Pica II           | 1        |
| 37  | 28.30.0963 | GROUNDED CONDUCTOR                                |                                              | 2        |
| 38  | 28.48.010  | CONNECTING CABLE STEP/DOWN - CPU                  | VITA                                         | 1        |
| 39  | 28.79.010  | Connecting cable, motor signals CPU-distr plate   | Flexicode/Spectra II                         | 1        |
| 40  | 28.79.045  | Connecting cable, encoder-distributor plate       | Flexicode/Spectra II                         | 1        |
| 41  | 28.81.015  | Bushing cable                                     | Duoprint/Spectra II 1XX                      | 1        |
| 42  | 28.88.002A | CONNECTING CABLE                                  |                                              | 1        |
| 43  | 28.88.005A | Photocell cable, transmission/reflexion photocell | Spectra II                                   | 1        |
| 44  | 28.88.012A | CABLE FOR PRINT HEAD                              | KCE107/160                                   | 1        |
| 45  | 28.88.035A | Connecting cable, control unit-CPU                | Spectra II                                   | 1        |
| 46  | 28.88.040A | Connecting cable, LED-CPU                         | Spectra II                                   | 1        |
| 47  | 28.88.302A | POWER CABLE KCE160                                | SPECTRA II                                   | 1        |
| 48  | 28.88.901A | Winder supply line                                | Spectra II                                   | 1        |
| 49  | 31.03.035  | Photocell                                         |                                              | 1        |
| 50  | 35.01.002  | Cable joint 100x2.5 mm                            |                                              | 6        |
| 51  | 35.01.011  | Cord-Clip 8 mm                                    |                                              | 2        |
| 52  | 35.07.005  | WIRING DUCT                                       |                                              | 1        |
| 53  | 35.12.3127 | Light conductor, flat                             |                                              | 2        |
| 54* | 37.04.1600 | Thermal printhead 160-12                          | Spectra II/SPE II/LPM II/Duoprint            | 1        |
| 55  | 37.28.010  | Vibration absorption                              | Spectra/SPE/SPX                              | 1        |
| 56  | 37.28.020  | Edge protection file                              | Pica/Spectra, in meters                      | 0,55m    |

\*Recommended spare part

## 71.88.810A

### SPECTRA II 160 PRINT MECHANISM, THERMAL TRANSFER PRE-ASSEMBLED, W/O DISPLAY UNIT, KCE

| Pos | Ident-No.  | Description1                     | Description2                                     | Quantity |
|-----|------------|----------------------------------|--------------------------------------------------|----------|
| 57  | 37.39.600  | Power supply                     | Duoprint/Spectra II/SPX II                       | 1        |
| 58  | 37.88.001  | Rubber-sponge                    |                                                  | 0,01     |
| 59  | 40.01.003  | Shaft protection 3.2 mm          |                                                  | 12       |
| 60  | 40.01.006  | Shaft protection 6 mm            |                                                  | 8        |
| 61  | 40.01.007  | Shaft protection 7 mm            |                                                  | 1        |
| 62  | 40.02.010  | Protective ring 10 mm            |                                                  | 1        |
| 63  | 40.03.003  | Lock washer                      |                                                  | 8        |
| 64  | 41.01.007  | Rosette 4x9 mm                   |                                                  | 3        |
| 65  | 41.02.002  | Fan shaped washer M4             |                                                  | 5        |
| 66  | 41.03.003  | Lock washer M3                   |                                                  | 22       |
| 67  | 41.03.004  | Lock washer M4                   |                                                  | 38       |
| 68  | 41.03.006  | Lock washer M6                   |                                                  | 1        |
| 69  | 45.81.020  | Spacer                           | Duoprint/SPX II/Spectra II/LPM II/ILX 10X/SPE II | 1        |
| 70  | 45.87.015  | Printhead bearing, left          | SPE 107/Spectra 107/Spectra 160/Duoprint         | 1        |
| 71  | 45.87.020  | Printhead bearing, right         | SPE 107/Spectra 107/Spectra 160/Duoprint         | 1        |
| 72  | 45.87.210  | Printhead bracket                | SPE 160/Spectra 160/Duoprint 160                 | 1        |
| 73  | 45.87.215  | Strut                            | SPE 160/Spectra 160/Duoprint 160                 | 2        |
| 74  | 45.87.220  | INTERMEDIATE PLATE               |                                                  | 1        |
| 75  | 45.88.026  | PRESSURE LEVER                   |                                                  | 1        |
| 76  | 45.88.035  | Limit stop                       | Spectra/SPE/SPX/ILX 10X                          | 1        |
| 77  | 45.88.045A | Sole plate                       | Spectra II/LPM II/SPE II                         | 1        |
| 78  | 45.88.201  | Profile, above 200 mm            | Spectra 16X/SPE 160/SPX 162/Duoprint 160         | 1        |
| 79  | 45.88.215  | STRUT                            |                                                  | 1        |
| 80  | 45.88.705A | STABILIZING LEDGE                |                                                  | 1        |
| 81  | 46.87.201  | Printhead shaft, right           | SPE 160, right/Spectra 160/Duoprint 160          | 1        |
| 82  | 46.88.033A | Transmission shaft               | Spectra II/ILX 10X/SPE II                        | 1        |
| 83  | 46.88.201  | Bearing pillar for label guiding | Spectra 160/Spectra 162                          | 1        |
| 84  | 46.88.205  | Spacer shaft for label guiding   | Spectra 160/Spectra 162                          | 1        |

\*Recommended spare part

## 71.88.810A

### SPECTRA II 160 PRINT MECHANISM, THERMAL TRANSFER PRE-ASSEMBLED, W/O DISPLAY UNIT, KCE

| Pos | Ident-No.  | Description1                     | Description2                                     | Quantity |
|-----|------------|----------------------------------|--------------------------------------------------|----------|
| 85  | 46.88.210  | Brush shaft                      | Spectra 160/Spectra 162/Duoprint 160             | 3        |
| 86  | 46.88.215  | Straight shaft                   | Duoprint 160/LPM II 16X                          | 1        |
| 87  | 46.88.220  | Ribbon rewinding/unwinding shaft | Spectra 16X/SPE 160/SPX 162/Duopr 160/LPM II 16X | 2        |
| 88  | 47.04.001  | Hexagon nut M3                   |                                                  | 6        |
| 89  | 47.05.001  | Hexagon nut M4                   |                                                  | 7        |
| 90  | 47.07.001  | Hexagon nut M6                   |                                                  | 1        |
| 91  | 48.04.208  | Screw M2x8                       |                                                  | 2        |
| 92  | 48.10.005  | Setscrew M4x4                    |                                                  | 4        |
| 93  | 48.10.007  | Setscrew M3x12                   |                                                  | 3        |
| 94  | 48.10.406  | Setscrew M4x6                    |                                                  | 1        |
| 95  | 48.10.408  | Setscrew M4x8                    |                                                  | 2        |
| 96  | 48.10.412  | Setscrew M4x12                   |                                                  | 7        |
| 97  | 48.10.505  | Setscrew M5x5                    |                                                  | 5        |
| 98  | 48.13.212  | Screw 22x4.5                     |                                                  | 2        |
| 99  | 48.13.308  | Screw KA3x8                      |                                                  | 7        |
| 100 | 48.13.410  | Screw 40x10                      |                                                  | 2        |
| 101 | 48.13.416  |                                  |                                                  | 3        |
| 102 | 48.14.208  | Pan screw M2.5x8                 |                                                  | 3        |
| 103 | 48.14.304  | Pan screw M3x4                   |                                                  | 2        |
| 104 | 48.14.306  | Pan screw M3x6                   |                                                  | 34       |
| 105 | 48.14.310  | Pan screw M3x10                  |                                                  | 2        |
| 106 | 48.14.314V | Pan screw M3x14 stainless        |                                                  | 2        |
| 107 | 48.14.406  | Pan screw M4x6                   |                                                  | 20       |
| 108 | 48.14.410  | Pan screw M4x10                  |                                                  | 12       |
| 109 | 48.15.002  | Pan screw M4x10                  |                                                  | 16       |
| 110 | 48.15.003  | Countersunk screw M3x6           |                                                  | 3        |
| 111 | 48.15.004  | Countersunk screw M4x16          |                                                  | 11       |
| 112 | 48.15.204  | Countersunk screw M2.5x4         |                                                  | 2        |

\*Recommended spare part

## 71.88.810A

SPECTRA II 160 PRINT MECHANISM, THERMAL TRANSFER  
PRE-ASSEMBLED, W/O DISPLAY UNIT, KCE

| Pos  | Ident-No.  | Description1                      | Description2                                    | Quantity |
|------|------------|-----------------------------------|-------------------------------------------------|----------|
| 113  | 48.15.304  | Countersunk screw M3x4            |                                                 | 2        |
| 114  | 48.15.308  | Countersunk screw M3x8            |                                                 | 4        |
| 115  | 48.15.310  | Countersunk screw M3x10           |                                                 | 1        |
| 116  | 48.15.312  | Countersunk screw M3x12           |                                                 | 2        |
| 117  | 48.15.316  | Countersunk screw M3x16           |                                                 | 1        |
| 118  | 48.16.015  | KNURLED SCREW                     |                                                 | 2        |
| 119  | 48.16.306  | Socket cap screw M3x6             |                                                 | 10       |
| 120  | 48.16.310  | Socket cap screw M3x10            |                                                 | 2        |
| 121  | 48.16.312  | Socket cap screw M3x12            |                                                 | 2        |
| 122  | 48.16.316  | Socket cap screw M3x16            |                                                 | 4        |
| 123  | 48.16.408  | Socket cap screw M4x8             |                                                 | 2        |
| 124  | 48.16.412  | Socket cap screw M4x12            |                                                 | 4        |
| 125  | 48.16.430  | Socket cap screw M4x30            |                                                 | 1        |
| 126  | 48.16.440  | Socket cap screw M4x40            |                                                 | 2        |
| 127  | 48.16.460V | Socket cap screw M4x60 stainless  |                                                 | 1        |
| 128  | 48.18.020  | Spring pressure piece             |                                                 | 1        |
| 129  | 48.19.835  | SCREW M 8x35                      |                                                 | 1        |
| 130  | 48.26.410V | Screw-and-washer assembly M4x10   |                                                 | 12       |
| 131  | 48.87.010  | Adjusting screw                   | SPE/Spectra 107/Spectra 160/Duoprint            | 4        |
| 132  | 50.01.009  | Lock washer 5x2x0.3               |                                                 | 2        |
| 133  | 50.01.012  | Lock washer 18x8.15x1.0 stainless |                                                 | 4        |
| 134  | 50.01.046  | Lock washer M4                    |                                                 | 6        |
| 135  | 50.01.057  | Lock washer 3.2                   |                                                 | 19       |
| 136  | 50.01.065  | Lock washer 4.3                   |                                                 | 5        |
| 137  | 50.01.069  | Lock washer 2.7                   |                                                 | 3        |
| 138  | 50.50.802  | Washer 8x14x0.2                   |                                                 | 1        |
| 139* | 50.88.001  | Striker arm plate                 | Spectra/SPE/SPX/DPM III+IV/Vario II/Vita/FC/ALP | 2        |
| 140  | 52.02.026  | Tension spring                    | Spectra                                         | 1        |

\*Recommended spare part

## 71.88.810A

### SPECTRA II 160 PRINT MECHANISM, THERMAL TRANSFER PRE-ASSEMBLED, W/O DISPLAY UNIT, KCE

| Pos  | Ident-No.  | Description1                             | Description2                                       | Quantity |
|------|------------|------------------------------------------|----------------------------------------------------|----------|
| 141  | 52.02.047  | Tension spring                           | Desco/Spectra/SPE/SPX/ILX                          | 1        |
| 142  | 52.04.004  | Cup spring                               |                                                    | 1        |
| 143* | 52.55.010  | Tension spring                           |                                                    | 1        |
| 144* | 52.88.005  | Compression spring                       | Spectra/DPM/SPE/Vario/SPX/Vita/Flexicode/ALP       | 2        |
| 145  | 55.10.001  | Self-adhesive scale                      |                                                    | 1        |
| 146  | 55.88.005A | Cover foil 380 x 120 mm                  | Spectra II                                         | 1        |
| 147  | 55.88.017A | FOIL                                     |                                                    | 1        |
| 148* | 57.01.002  | Grooved ball bearing                     |                                                    | 1        |
| 149* | 57.01.007  | Grooved ball bearing                     |                                                    | 7        |
| 150* | 57.01.008  | Grooved ball bearing                     |                                                    | 1        |
| 151* | 57.02.105  | Bearing                                  | Spectra                                            | 1        |
| 152* | 57.02.108  | Bearing                                  | Spectra                                            | 1        |
| 153* | 57.02.110  | Bearing                                  |                                                    | 2        |
| 154  | 57.05.050  | Magnetic tape Isoflex 12.7x2.2 mm x 30 m |                                                    | 0,01     |
| 155  | 57.88.001  | Hinge                                    |                                                    | 2        |
| 156  | 57.88.005  | Hinge                                    |                                                    | 3        |
| 157* | 59.87.481  | Toothed belt                             | SPE/Spectra107/Spectra 160/Duoprint/ILX 10X        | 1        |
| 158  | 59.88.019A | Toothed belt wheel                       | Spectra II/ILX 10X                                 | 1        |
| 159  | 59.88.032  | Toothed belt wheel                       | Spectra/SPE/SPX/Vita/Flexicode/ALP                 | 1        |
| 160  | 59.88.033  | Toothed belt wheel                       | Spectra/SPE/SPX/Vita/ILX                           | 1        |
| 161* | 59.88.225  | Toothed belt                             | Spectra                                            | 1        |
| 162  | 67.48.035  | Interface cover                          | Vita II/Compa II/Pica II/Duop/Vario III/Spectra II | 1        |
| 163  | 67.55.120  | Interface cover                          | Vario II/Pica/Spectra/SPE/SPX/Vita                 | 1        |
| 164  | 67.74.075  | COVER FOR APX PREPARATION                |                                                    | 1        |
| 165  | 67.79.050  | BRACKET FOR PHOTO CELL                   |                                                    | 1        |
| 166  | 67.81.230  | Tear-off edge                            | Duoprint 160/Spectra II 16X                        | 1        |
| 167  | 67.87.035  | Cross bar, right                         | SPE/Spectra107/Spectra 160/Duoprint                | 1        |
| 168  | 67.88.001A | CASSIS BASE                              |                                                    | 1        |

\*Recommended spare part

## 71.88.810A

SPECTRA II 160 PRINT MECHANISM, THERMAL TRANSFER  
PRE-ASSEMBLED, W/O DISPLAY UNIT, KCE

| Pos  | Ident-No.  | Description1                              | Description2                                 | Quantity |
|------|------------|-------------------------------------------|----------------------------------------------|----------|
| 169  | 67.88.005A | Cover, left                               | Spectra II 10X/Spectra II 16X/Spectra II 216 | 1        |
| 170  | 67.88.010A | Connecting plate                          | Spectra II                                   | 1        |
| 171  | 67.88.012A | INTERLAYER                                | SPECTRA II                                   | 1        |
| 172  | 67.88.017A | SOLE PLATE ABOVE                          |                                              | 1        |
| 173  | 67.88.022A | SOLE PLATE BELOW                          |                                              | 1        |
| 174  | 67.88.030  | Sole plate ribbon rewinder                | Spectra/Spectra II/SPE/Vario/SPX/Vita        | 1        |
| 175  | 67.88.033A | SOLE PLATE                                |                                              | 1        |
| 176  | 67.88.038A | Plate                                     | Spectra II                                   | 2        |
| 177  | 67.88.050  | Sole plate label guiding device           | Spectra/SPE                                  | 2        |
| 178  | 67.88.055A | COVER PLATE FOR LABEL REWINDER SPECTRA II |                                              | 1        |
| 179  | 67.88.064A | COVER USB SPECTRA II                      |                                              | 1        |
| 180  | 67.88.065  | Circuit plate                             | Spectra/SPE/SPX                              | 1        |
| 181  | 67.88.080  | Adjusting plate                           | Spectra/SPE/SPX                              | 1        |
| 182  | 67.88.095A | Cover, right (base part)                  | Spectra II 10X/Spectra II 16X                | 1        |
| 183  | 67.88.201A | BOTTOM PLATE                              |                                              | 1        |
| 184  | 67.88.205A | BACK PANEL                                |                                              | 1        |
| 185  | 67.88.212A | Cover, right (upper part)                 | Spectra II 16X                               | 1        |
| 186  | 67.88.220  | Front sheet                               | Spectra 160/Spectra 162/Duoprint 160         | 1        |
| 187  | 67.88.227A | COVER SHEET BELOW                         |                                              | 1        |
| 188* | 70.39.403  | Power electronics                         | Spectra II 10X/Spectra II 16X/SPX II/LPM II  | 1        |
| 189  | 70.88.010  | CPU 8 dot + 12 dot cpl                    | Spectra II                                   | 1        |
| 190  | 70.88.061  | LED adapter                               | Spectra II                                   | 1        |
| 191  | 71.81.015  | Photocell printhead/ribbon/ribbon saving  |                                              | 1        |
| 192* | 71.83.018  | Label photocell                           | transmission above+reflexion below           | 1        |
| 193  | 71.88.010A | Stepper motor feed                        | Spectra II                                   | 1        |
| 194  | 71.88.015A | Photocell ribbon saving                   | Spectra II/LPM II/SPE II                     | 1        |
| 195  | 71.88.040A | Power input module cpl                    | Spectra II                                   | 1        |
| 196  | 72.74.010  | Bearing ring                              | ILX/Spectra II/LPM II/SPE II                 | 1        |

\*Recommended spare part

## 71.88.810A

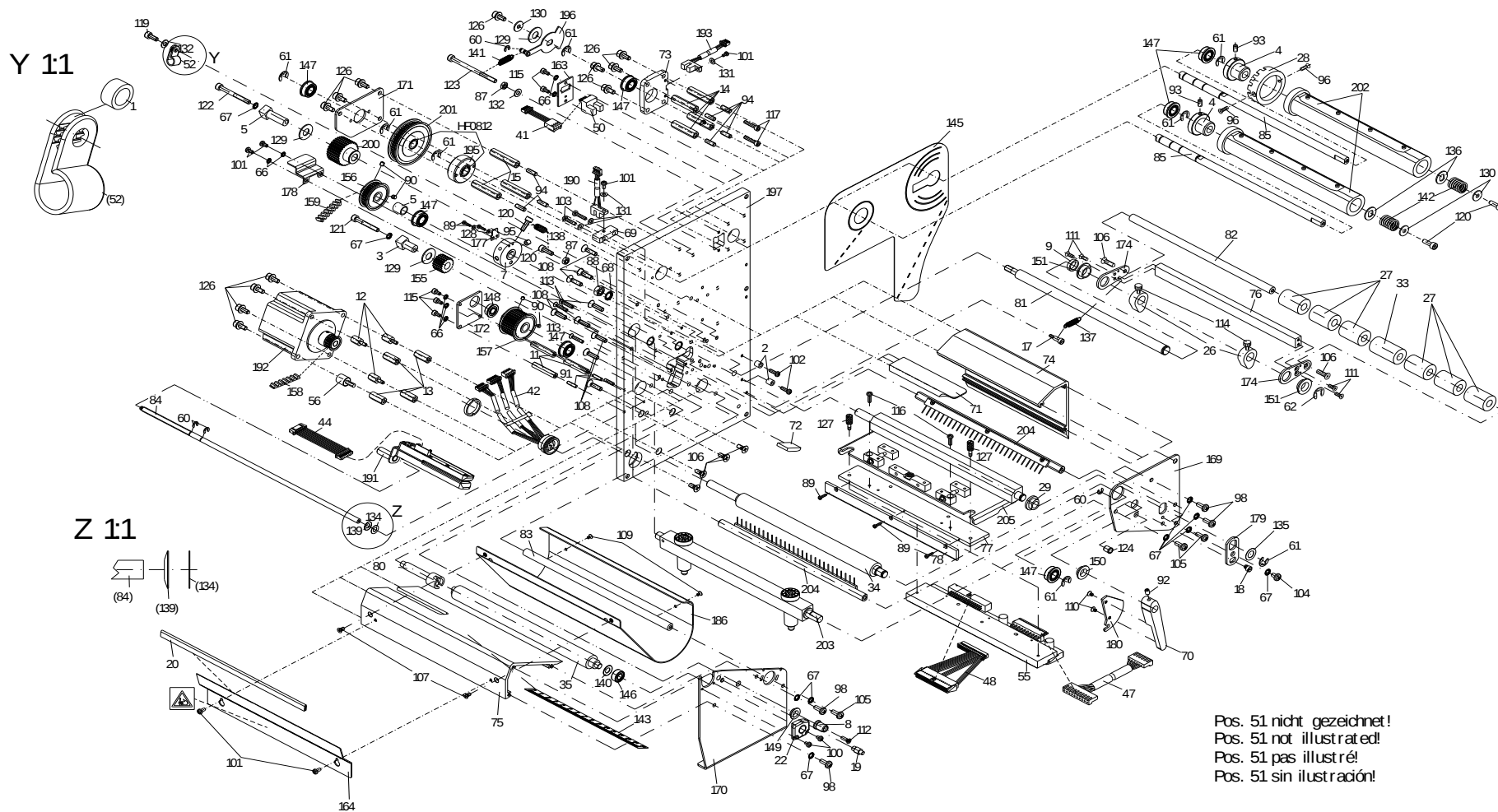
### SPECTRA II 160 PRINT MECHANISM, THERMAL TRANSFER PRE-ASSEMBLED, W/O DISPLAY UNIT, KCE

| Pos  | Ident-No.  | Description1                  | Description2                                     | Quantity |
|------|------------|-------------------------------|--------------------------------------------------|----------|
| 197  | 72.79.045  | Backfeed plate cpl            | Flexicode/Spectra II/LPM II/SPE II               | 1        |
| 198  | 72.87.010  | Adjusting device cpl          | SPE 107/SPE 160/Spectra 107/Spectra 160/Duoprint | 2        |
| 199  | 72.87.012  | Adjusting device cpl          | SPE 107/SPE 160/Spectra 107/Spectra 160/Duoprint | 2        |
| 200  | 72.87.205  | Pressure shaft KCE cpl        | SPE 160, right/SPECTRA 160/Duoprint 160          | 1        |
| 201  | 72.88.007A | Carrier plate cpl             | Spectra II 107/Spectra II 160                    | 1        |
| 202  | 72.88.015A | Washer, inside cpl            | Spectra II                                       | 1        |
| 203* | 72.88.020  | Washer cpl, outside           | Spectra 108/SPE 108                              | 1        |
| 204* | 72.88.034  | Toothed belt wheel cpl        | Spectra/SPE/SPX/Vita/ILX 10X                     | 3        |
| 205* | 72.88.048  | Toothed belt wheel cpl        | Spectra/SPE/Vario/SPX/Vita/Flexicode/ILX/ALP     | 1        |
| 206* | 72.88.201  | Ribbon rewinder/unwinder roll | Spectra 162/160/SPX 162/Duoprint 160             | 2        |
| 207  | 72.88.210  | Brush shaft cpl               | Spectra 162/160/Duoprint 160                     | 2        |

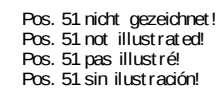
\*Recommended spare part

# 71.88.820A

SPECTRA II 162 PRINT MECHANISM, THERMAL TRANSFER  
PRE-ASSEMBLED, W/O DISPLAY UNIT, FLAT-TYPE

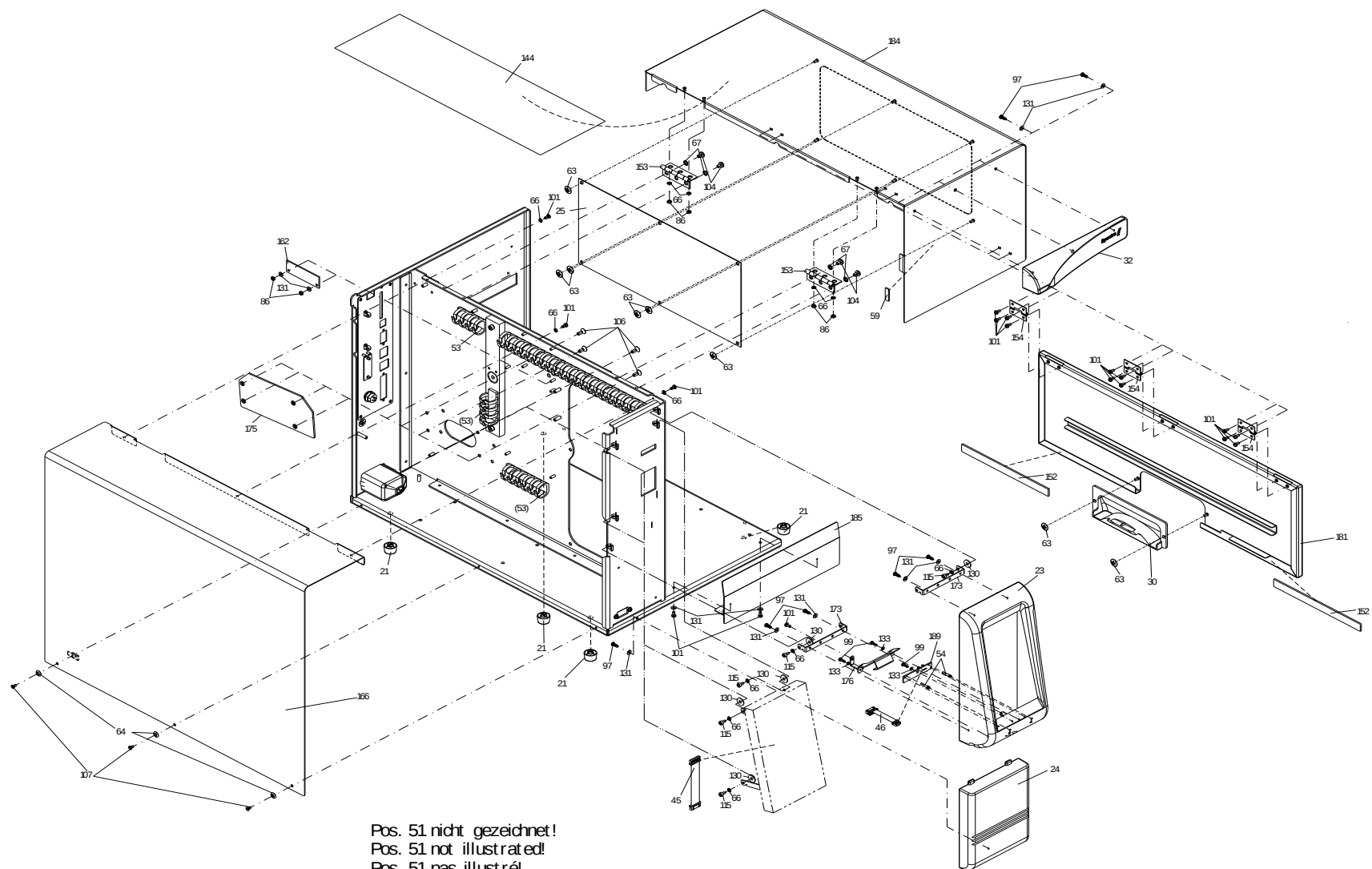


**SPECTRA II 162 PRINT MECHANISM, THERMAL TRANSFER  
PRE-ASSEMBLED, W/O DISPLAY UNIT, FLAT-TYPE**



## 71.88.820A

SPECTRA II 162 PRINT MECHANISM, THERMAL TRANSFER  
PRE-ASSEMBLED, W/O DISPLAY UNIT, FLAT-TYPE



## 71.88.820A

### SPECTRA II 162 PRINT MECHANISM, THERMAL TRANSFER PRE-ASSEMBLED, W/O DISPLAY UNIT, FLAT-TYPE

| Pos | Ident-No.  | Description1             | Description2                                 | Quantity |
|-----|------------|--------------------------|----------------------------------------------|----------|
| 1   | 10.41.009  | Spacer roller            |                                              | 1        |
| 2   | 10.41.015  | Spacer roller 6x3.2x6 mm |                                              | 2        |
| 3*  | 10.87.020  | Eccentric bearing        | Vario/SPE/DPM/SPX/Vita/Flexicode             | 1        |
| 4   | 10.88.001  | Bearing bush             | Spectra/SPE/DPM/SPX/Vita/Flexicode/ILX/ALP   | 2        |
| 5   | 10.88.015  | Spacer sleeve            | Spectra/SPE/Vario/SPX/Vita                   | 1        |
| 6*  | 10.88.020  | Eccentric bearing        | Spectra/SPE/SPX/Vita/Duoprint/ILX            | 1        |
| 7   | 10.88.025  | Bearing ring             | Spectra/SPE/SPX                              | 1        |
| 8   | 10.88.036  | Knurled knob             | Spectra II/SPE II                            | 1        |
| 9   | 10.88.050A | Spacer ring              | Spectra II                                   | 1        |
| 10  | 12.40.313  | Distance bolt M3x13      |                                              | 4        |
| 11  | 12.40.330  | DISTANCE BOLT M3 X 30    |                                              | 3        |
| 12  | 12.40.410  | Distance bolt M4x10      |                                              | 3        |
| 13  | 12.40.417  | Distance bolt M4x17      | Spectra/SPE                                  | 4        |
| 14  | 12.40.4308 | Distance bolt M4x30.8    |                                              | 4        |
| 15  | 12.40.434  | Distance bolt M4x34.8    |                                              | 3        |
| 16  | 12.40.455  | DISTANCE BOLT M4 X 55    |                                              | 3        |
| 17  | 12.88.001  | Spring pillar            | Spectra                                      | 1        |
| 18* | 12.88.030  | Eccentric pin            | Spectra/SPE/SPX                              | 1        |
| 19  | 12.88.035  | Pin                      | Spectra/SPE/SPX/Flexicode                    | 1        |
| 20  | 16.01.007  | Edge protection profile  | in meters                                    | 0,20m    |
| 21* | 16.01.020  | Machine foot, h: 10.5 mm | Spectra                                      | 4        |
| 22  | 16.56.045  | Supporting piece         | Vario III/Spectra II/ILX 10X/SPE II          | 1        |
| 23  | 16.88.002A | Front panel              | Spectra II, touch version                    | 1        |
| 24  | 16.88.006A | Front panel, below       | Spectra II touch                             | 1        |
| 25  | 16.88.027  | Window                   | Spectra                                      | 1        |
| 26  | 16.88.035  | Label guiding            | Spectra/SPE "SES"                            | 2        |
| 27  | 16.88.040  | Roller                   | Spectra/SPE "SES"                            | 6        |
| 28  | 16.88.055  | Sprocket wheel           | Spectra/SPE/DPM/Vario/SPX/Vita/Flexicode/ALP | 1        |

\*Recommended spare part

## 71.88.820A

### SPECTRA II 162 PRINT MECHANISM, THERMAL TRANSFER PRE-ASSEMBLED, W/O DISPLAY UNIT, FLAT-TYPE

| Pos | Ident-No.  | Description1                                      | Description2                                 | Quantity |
|-----|------------|---------------------------------------------------|----------------------------------------------|----------|
| 29  | 16.88.070  | Slide bearing                                     | Spectra/SPE/SPX/ALP                          | 1        |
| 30  | 16.88.080A | Handle                                            | Spectra II                                   | 1        |
| 31  | 16.88.205  | Label unwinding roll                              | Spectra 162/Spectra 160                      | 1        |
| 32  | 16.88.215A | Front panel, long                                 | Spectra II 16X/216                           | 1        |
| 33  | 16.88.240  | Roller                                            | Spectra 162/Spectra 160/Spectra 216          | 1        |
| 34* | 18.88.201  | Pressure roller                                   | Duoprint 160/Spectra 162/Spectra 160/SPE     | 1        |
| 35* | 18.88.201A | Pressure roller                                   | Spectra II 16X                               | 1        |
| 36  | 28.30.081  | Grounded conductor 2                              | Vario/DPM/SPE/Dynacode/Pica/Flexicode/SPE II | 1        |
| 37  | 28.30.090  | Protective conductor 2                            | Dynacode/SPX/Vita/Duoprint/Pica II           | 1        |
| 38  | 28.30.0963 | GROUNDED CONDUCTOR                                |                                              | 2        |
| 39  | 28.48.010  | CONNECTING CABLE STEP/DOWN - CPU                  | VITA                                         | 1        |
| 40  | 28.79.010  | Connecting cable, motor signals CPU-distr plate   | Flexicode/Spectra II                         | 1        |
| 41  | 28.79.045  | Connecting cable, encoder-distributor plate       | Flexicode/Spectra II                         | 1        |
| 42  | 28.81.015  | Bushing cable                                     | Duoprint/Spectra II 1XX                      | 1        |
| 43  | 28.88.002A | CONNECTING CABLE                                  |                                              | 1        |
| 44  | 28.88.005A | Photocell cable, transmission/reflexion photocell | Spectra II                                   | 1        |
| 45  | 28.88.035A | Connecting cable, control unit-CPU                | Spectra II                                   | 1        |
| 46  | 28.88.040A | Connecting cable, LED-CPU                         | Spectra II                                   | 1        |
| 47  | 28.88.201A | Printhead cable, power supply                     | Spectra II 162                               | 1        |
| 48  | 28.88.215A | Printhead cable, data signals                     | Spectra II 162                               | 1        |
| 49  | 28.88.901A | Winder supply line                                | Spectra II                                   | 1        |
| 50  | 31.03.035  | Photocell                                         |                                              | 1        |
| 51  | 35.01.002  | Cable joint 100x2.5 mm                            |                                              | 6        |
| 52  | 35.01.022  | Nylon bracket 7.4-8.4 mm                          |                                              | 1        |
| 53  | 35.07.005  | WIRING DUCT                                       |                                              | 1        |
| 54  | 35.12.3127 | Light conductor, flat                             |                                              | 2        |
| 55  | 37.04.1621 | Thermal printhead 162-12                          | Spectra II/SPE II/LPM II                     | 1        |
| 56  | 37.28.010  | Vibration absorption                              | Spectra/SPE/SPX                              | 1        |

\*Recommended spare part

## 71.88.820A

### SPECTRA II 162 PRINT MECHANISM, THERMAL TRANSFER PRE-ASSEMBLED, W/O DISPLAY UNIT, FLAT-TYPE

| Pos | Ident-No.  | Description1                     | Description2                                     | Quantity |
|-----|------------|----------------------------------|--------------------------------------------------|----------|
| 57  | 37.28.020  | Edge protection file             | Pica/Spectra, in meters                          | 0,70m    |
| 58  | 37.39.600  | Power supply                     | Duoprint/Spectra II/SPX II                       | 1        |
| 59  | 37.88.001  | Rubber-sponge                    |                                                  | 0,01     |
| 60  | 40.01.003  | Shaft protection 3.2 mm          |                                                  | 4        |
| 61  | 40.01.006  | Shaft protection 6 mm            |                                                  | 8        |
| 62  | 40.01.007  | Shaft protection 7 mm            |                                                  | 1        |
| 63  | 40.03.003  | Lock washer                      |                                                  | 8        |
| 64  | 41.01.007  | Rosette 4x9 mm                   |                                                  | 3        |
| 65  | 41.02.002  | Fan shaped washer M4             |                                                  | 5        |
| 66  | 41.03.003  | Lock washer M3                   |                                                  | 23       |
| 67  | 41.03.004  | Lock washer M4                   |                                                  | 35       |
| 68  | 41.03.006  | Lock washer M6                   |                                                  | 1        |
| 69  | 45.81.020  | Spacer                           | Duoprint/SPX II/Spectra II/LPM II/ILX 10X/SPE II | 1        |
| 70  | 45.88.026  | PRESSURE LEVER                   |                                                  | 1        |
| 71  | 45.88.030  | Clamping-down clamp              | Spectra                                          | 1        |
| 72  | 45.88.035  | Limit stop                       | Spectra/SPE/SPX/ILX 10X                          | 1        |
| 73  | 45.88.045A | Sole plate                       | Spectra II/LPM II/SPE II                         | 1        |
| 74  | 45.88.201  | Profile, above 200 mm            | Spectra 16X/SPE 160/SPX 162/Duoprint 160         | 1        |
| 75  | 45.88.202  | Profile, below 200 mm            | Spectra 162                                      | 1        |
| 76  | 45.88.215  | STRUT                            |                                                  | 1        |
| 77  | 45.88.221  | Interlayer                       | Spectra 162/SPE/SPX 162                          | 1        |
| 78  | 45.88.225  | Guiding                          | Spectra 162                                      | 1        |
| 79  | 45.88.705A | STABILIZING LEDGE                |                                                  | 1        |
| 80  | 46.88.033A | Transmission shaft               | Spectra II/ILX 10X/SPE II                        | 1        |
| 81  | 46.88.201  | Bearing pillar for label guiding | Spectra 160/Spectra 162                          | 1        |
| 82  | 46.88.205  | Spacer shaft for label guiding   | Spectra 160/Spectra 162                          | 1        |
| 83  | 46.88.210  | Brush shaft                      | Spectra 160/Spectra 162/Duoprint 160             | 1        |
| 84  | 46.88.215  | Straight shaft                   | Duoprint 160/LPM II 16X                          | 1        |

\*Recommended spare part

## 71.88.820A

### SPECTRA II 162 PRINT MECHANISM, THERMAL TRANSFER PRE-ASSEMBLED, W/O DISPLAY UNIT, FLAT-TYPE

| Pos | Ident-No.  | Description1                     | Description2                                     | Quantity |
|-----|------------|----------------------------------|--------------------------------------------------|----------|
| 85  | 46.88.220  | Ribbon rewinding/unwinding shaft | Spectra 16X/SPE 160/SPX 162/Duopr 160/LPM II 16X | 2        |
| 86  | 47.04.001  | Hexagon nut M3                   |                                                  | 6        |
| 87  | 47.05.001  | Hexagon nut M4                   |                                                  | 6        |
| 88  | 47.07.001  | Hexagon nut M6                   |                                                  | 1        |
| 89  | 48.04.208  | Screw M2x8                       |                                                  | 5        |
| 90  | 48.10.005  | Setscrew M4x4                    |                                                  | 4        |
| 91  | 48.10.007  | Setscrew M3x12                   |                                                  | 3        |
| 92  | 48.10.406  | Setscrew M4x6                    |                                                  | 1        |
| 93  | 48.10.408  | Setscrew M4x8                    |                                                  | 2        |
| 94  | 48.10.412  | Setscrew M4x12                   |                                                  | 7        |
| 95  | 48.10.505  | Setscrew M5x5                    |                                                  | 1        |
| 96  | 48.13.212  | Screw 22x4.5                     |                                                  | 2        |
| 97  | 48.13.308  | Screw KA3x8                      |                                                  | 7        |
| 98  | 48.13.410  | Screw 40x10                      |                                                  | 4        |
| 99  | 48.14.208  | Pan screw M2.5x8                 |                                                  | 3        |
| 100 | 48.14.304  | Pan screw M3x4                   |                                                  | 2        |
| 101 | 48.14.306  | Pan screw M3x6                   |                                                  | 36       |
| 102 | 48.14.310  | Pan screw M3x10                  |                                                  | 2        |
| 103 | 48.14.314V | Pan screw M3x14 stainless        |                                                  | 2        |
| 104 | 48.14.406  | Pan screw M4x6                   |                                                  | 22       |
| 105 | 48.14.410  | Pan screw M4x10                  |                                                  | 8        |
| 106 | 48.15.002  | Pan screw M4x10                  |                                                  | 15       |
| 107 | 48.15.003  | Countersunk screw M3x6           |                                                  | 5        |
| 108 | 48.15.004  | Countersunk screw M4x16          |                                                  | 9        |
| 109 | 48.15.204  | Countersunk screw M2.5x4         |                                                  | 2        |
| 110 | 48.15.304  | Countersunk screw M3x4           |                                                  | 2        |
| 111 | 48.15.308  | Countersunk screw M3x8           |                                                  | 4        |
| 112 | 48.15.310  | Countersunk screw M3x10          |                                                  | 1        |

\*Recommended spare part

## 71.88.820A

SPECTRA II 162 PRINT MECHANISM, THERMAL TRANSFER  
PRE-ASSEMBLED, W/O DISPLAY UNIT, FLAT-TYPE

| Pos  | Ident-No.  | Description1                      | Description2                                    | Quantity |
|------|------------|-----------------------------------|-------------------------------------------------|----------|
| 113  | 48.15.316  | Countersunk screw M3x16           |                                                 | 3        |
| 114  | 48.16.015  | KNURLED SCREW                     |                                                 | 2        |
| 115  | 48.16.306  | Socket cap screw M3x6             |                                                 | 10       |
| 116  | 48.16.310  | Socket cap screw M3x10            |                                                 | 2        |
| 117  | 48.16.316  | Socket cap screw M3x16            |                                                 | 2        |
| 118  | 48.16.408  | Socket cap screw M4x8             |                                                 | 2        |
| 119  | 48.16.410  | Socket cap screw M4x10            |                                                 | 1        |
| 120  | 48.16.412  | Socket cap screw M4x12            |                                                 | 4        |
| 121  | 48.16.430  | Socket cap screw M4x30            |                                                 | 1        |
| 122  | 48.16.440  | Socket cap screw M4x40            |                                                 | 1        |
| 123  | 48.16.460V | Socket cap screw M4x60 stainless  |                                                 | 1        |
| 124  | 48.18.020  | Spring pressure piece             |                                                 | 1        |
| 125  | 48.19.835  | SCREW M 8x35                      |                                                 | 1        |
| 126  | 48.26.410V | Screw-and-washer assembly M4x10   |                                                 | 12       |
| 127* | 48.88.001  | Knurled screw                     | Spectra/SPE/SPX/ILX 10X                         | 2        |
| 128  | 50.01.009  | Lock washer 5x2x0.3               |                                                 | 2        |
| 129  | 50.01.012  | Lock washer 18x8.15x1.0 stainless |                                                 | 3        |
| 130  | 50.01.046  | Lock washer M4                    |                                                 | 8        |
| 131  | 50.01.057  | Lock washer 3.2                   |                                                 | 19       |
| 132  | 50.01.065  | Lock washer 4.3                   |                                                 | 5        |
| 133  | 50.01.069  | Lock washer 2.7                   |                                                 | 3        |
| 134  | 50.50.502  | WASHER                            |                                                 | 1        |
| 135  | 50.50.802  | Washer 8x14x0.2                   |                                                 | 1        |
| 136* | 50.88.001  | Striker arm plate                 | Spectra/SPE/SPX/DPM III+IV/Vario II/Vita/FC/ALP | 2        |
| 137  | 52.02.026  | Tension spring                    | Spectra                                         | 1        |
| 138  | 52.02.047  | Tension spring                    | Desco/Spectra/SPE/SPX/ILX                       | 1        |
| 139  | 52.04.002  | Cup spring                        |                                                 | 1        |
| 140  | 52.04.004  | Cup spring                        |                                                 | 1        |

\*Recommended spare part

## 71.88.820A

### SPECTRA II 162 PRINT MECHANISM, THERMAL TRANSFER PRE-ASSEMBLED, W/O DISPLAY UNIT, FLAT-TYPE

| Pos  | Ident-No.  | Description1                             | Description2                                       | Quantity |
|------|------------|------------------------------------------|----------------------------------------------------|----------|
| 141* | 52.55.010  | Tension spring                           |                                                    | 1        |
| 142* | 52.88.005  | Compression spring                       | Spectra/DPM/SPE/Vario/SPX/Vita/Flexicode/ALP       | 2        |
| 143  | 55.10.001  | Self-adhesive scale                      |                                                    | 1        |
| 144  | 55.88.005A | Cover foil 380 x 120 mm                  | Spectra II                                         | 1        |
| 145  | 55.88.015A | Foil, ribbon pathway                     | Spectra II 108/Spectra II 162/Spectra II 216       | 1        |
| 146* | 57.01.002  | Grooved ball bearing                     |                                                    | 1        |
| 147* | 57.01.007  | Grooved ball bearing                     |                                                    | 7        |
| 148* | 57.01.008  | Grooved ball bearing                     |                                                    | 1        |
| 149* | 57.02.105  | Bearing                                  | Spectra                                            | 1        |
| 150* | 57.02.108  | Bearing                                  | Spectra                                            | 1        |
| 151* | 57.02.110  | Bearing                                  |                                                    | 2        |
| 152  | 57.05.050  | Magnetic tape Isoflex 12.7x2.2 mm x 30 m |                                                    | 0,01     |
| 153  | 57.88.001  | Hinge                                    |                                                    | 2        |
| 154  | 57.88.005  | Hinge                                    |                                                    | 3        |
| 155  | 59.88.019A | Toothed belt wheel                       | Spectra II/ILX 10X                                 | 1        |
| 156  | 59.88.032  | Toothed belt wheel                       | Spectra/SPE/SPX/Vita/Flexicode/ALP                 | 1        |
| 157  | 59.88.033  | Toothed belt wheel                       | Spectra/SPE/SPX/Vita/ILX                           | 1        |
| 158* | 59.88.225  | Toothed belt                             | Spectra                                            | 1        |
| 159* | 59.88.421  | Toothed belt                             | Spectra                                            | 1        |
| 160  | 67.48.035  | Interface cover                          | Vita II/Compa II/Pica II/Duop/Vario III/Spectra II | 1        |
| 161  | 67.55.120  | Interface cover                          | Vario II/Pica/Spectra/SPE/SPX/Vita                 | 1        |
| 162  | 67.74.075  | COVER FOR APX PREPARATION                |                                                    | 1        |
| 163  | 67.79.050  | BRACKET FOR PHOTO CELL                   |                                                    | 1        |
| 164  | 67.81.230  | Tear-off edge                            | Duoprint 160/Spectra II 16X                        | 1        |
| 165  | 67.88.001A | CASSIS BASE                              |                                                    | 1        |
| 166  | 67.88.005A | Cover, left                              | Spectra II 10X/Spectra II 16X/Spectra II 216       | 1        |
| 167  | 67.88.010A | Connecting plate                         | Spectra II                                         | 1        |
| 168  | 67.88.012A | INTERLAYER                               | SPECTRA II                                         | 1        |

\*Recommended spare part

## 71.88.820A

### SPECTRA II 162 PRINT MECHANISM, THERMAL TRANSFER PRE-ASSEMBLED, W/O DISPLAY UNIT, FLAT-TYPE

| Pos  | Ident-No.  | Description1                              | Description2                                | Quantity |
|------|------------|-------------------------------------------|---------------------------------------------|----------|
| 169  | 67.88.015A | SOLE PLATE ABOVE                          |                                             | 1        |
| 170  | 67.88.020A | Sole plate, below                         | Spectra II 103/104/106/108/162              | 1        |
| 171  | 67.88.030  | Sole plate ribbon rewinder                | Spectra/Spectra II/SPE/Vario/SPX/Vita       | 1        |
| 172  | 67.88.033A | SOLE PLATE                                |                                             | 1        |
| 173  | 67.88.038A | Plate                                     | Spectra II                                  | 2        |
| 174  | 67.88.050  | Sole plate label guiding device           | Spectra/SPE                                 | 2        |
| 175  | 67.88.055A | COVER PLATE FOR LABEL REWINDER SPECTRA II |                                             | 1        |
| 176  | 67.88.064A | COVER USB SPECTRA II                      |                                             | 1        |
| 177  | 67.88.065  | Circuit plate                             | Spectra/SPE/SPX                             | 1        |
| 178  | 67.88.075A | PROTECTIVE PLATE                          |                                             | 1        |
| 179  | 67.88.080  | Adjusting plate                           | Spectra/SPE/SPX                             | 1        |
| 180  | 67.88.085  | Cross bar                                 | Spectra 108/Spectra 162                     | 1        |
| 181  | 67.88.095A | Cover, right (base part)                  | Spectra II 10X/Spectra II 16X               | 1        |
| 182  | 67.88.201A | BOTTOM PLATE                              |                                             | 1        |
| 183  | 67.88.205A | BACK PANEL                                |                                             | 1        |
| 184  | 67.88.212A | Cover, right (upper part)                 | Spectra II 16X                              | 1        |
| 185  | 67.88.220  | Front sheet                               | Spectra 160/Spectra 162/Duoprint 160        | 1        |
| 186  | 67.88.225A | Cover plate, below                        | Spectra II 162                              | 1        |
| 187* | 70.39.403  | Power electronics                         | Spectra II 10X/Spectra II 16X/SPX II/LPM II | 1        |
| 188  | 70.88.010  | CPU 8 dot + 12 dot cpl                    | Spectra II                                  | 1        |
| 189  | 70.88.061  | LED adapter                               | Spectra II                                  | 1        |
| 190  | 71.81.015  | Photocell printhead/ribbon/ribbon saving  |                                             | 1        |
| 191* | 71.83.018  | Label photocell                           | transmission above+reflexion below          | 1        |
| 192  | 71.88.010A | Stepper motor feed                        | Spectra II                                  | 1        |
| 193  | 71.88.015A | Photocell ribbon saving                   | Spectra II/LPM II/SPE II                    | 1        |
| 194  | 71.88.040A | Power input module cpl                    | Spectra II                                  | 1        |
| 195  | 72.74.010  | Bearing ring                              | ILX/Spectra II/LPM II/SPE II                | 1        |
| 196  | 72.79.045  | Backfeed plate cpl                        | Flexicode/Spectra II/LPM II/SPE II          | 1        |

\*Recommended spare part

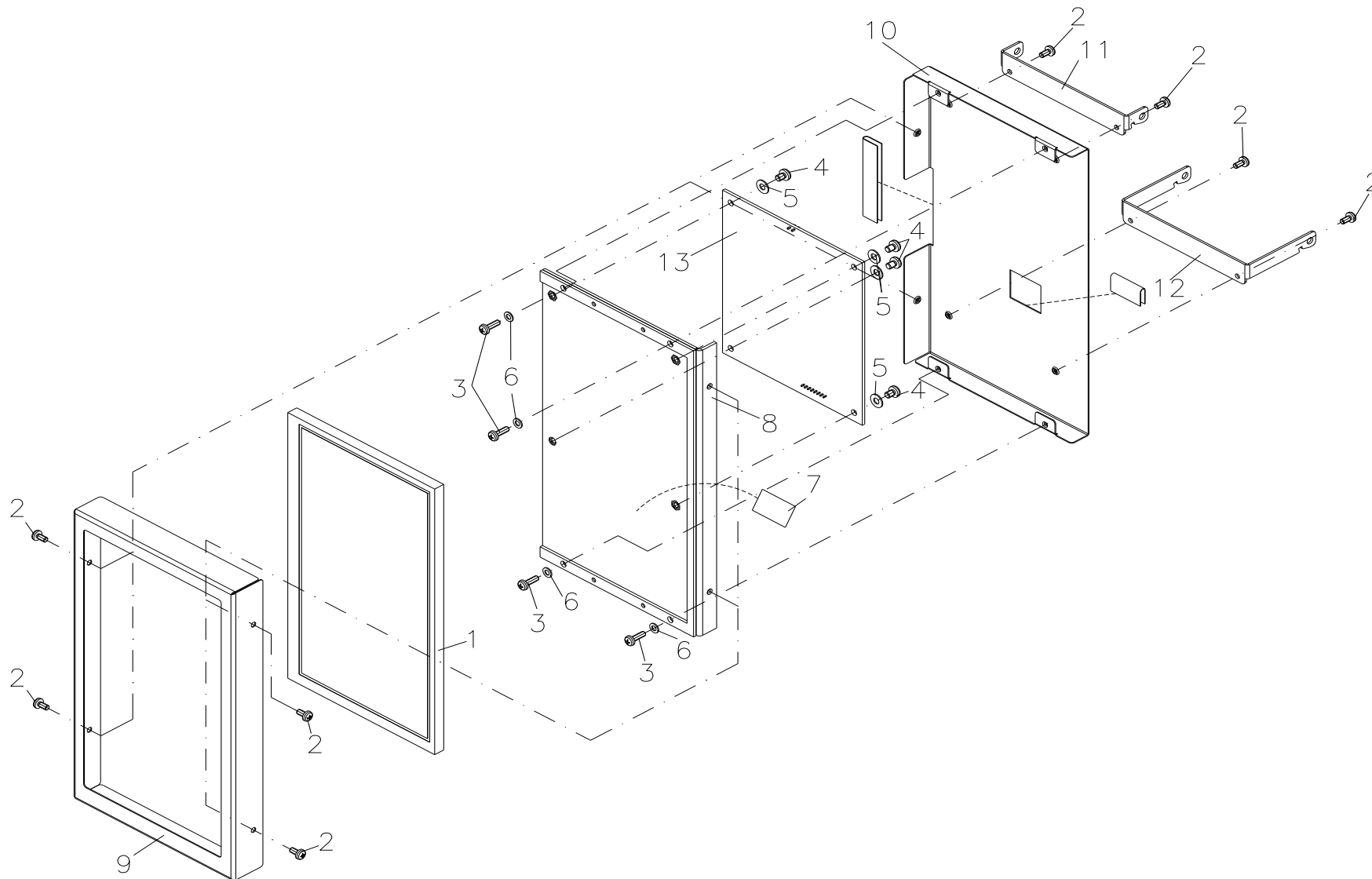
## 71.88.820A

**SPECTRA II 162 PRINT MECHANISM, THERMAL TRANSFER  
PRE-ASSEMBLED, W/O DISPLAY UNIT, FLAT-TYPE**

| Pos  | Ident-No.  | Description1                  | Description2                                 | Quantity |
|------|------------|-------------------------------|----------------------------------------------|----------|
| 197  | 72.88.005A | Carrier plate cpl             | Spectra II 103/104/106/108/162/216           | 1        |
| 198  | 72.88.015A | Washer, inside cpl            | Spectra II                                   | 1        |
| 199* | 72.88.020  | Washer cpl, outside           | Spectra 108/SPE 108                          | 1        |
| 200* | 72.88.034  | Toothed belt wheel cpl        | Spectra/SPE/SPX/Vita/ILX 10X                 | 1        |
| 201* | 72.88.048  | Toothed belt wheel cpl        | Spectra/SPE/Vario/SPX/Vita/Flexicode/ILX/ALP | 1        |
| 202* | 72.88.201  | Ribbon rewinder/unwinder roll | Spectra 162/160/SPX 162/Duoprint 160         | 2        |
| 203  | 72.88.205  | Pressure shaft KF cpl         | Spectra 162/SPE 162/SPX 162 right            | 1        |
| 204  | 72.88.210  | Brush shaft cpl               | Spectra 162/160/Duoprint 160                 | 2        |
| 205  | 72.88.215  | Printhead bracket             | Spectra 162/SPE 162/SPX 162 right            | 1        |

\*Recommended spare part

**71.88.070A**  
**DISPLAY UNIT TOUCH**  
**SPECTRA II, PRE-ASSEMBLED**



## 71.88.070A

### DISPLAY UNIT TOUCH

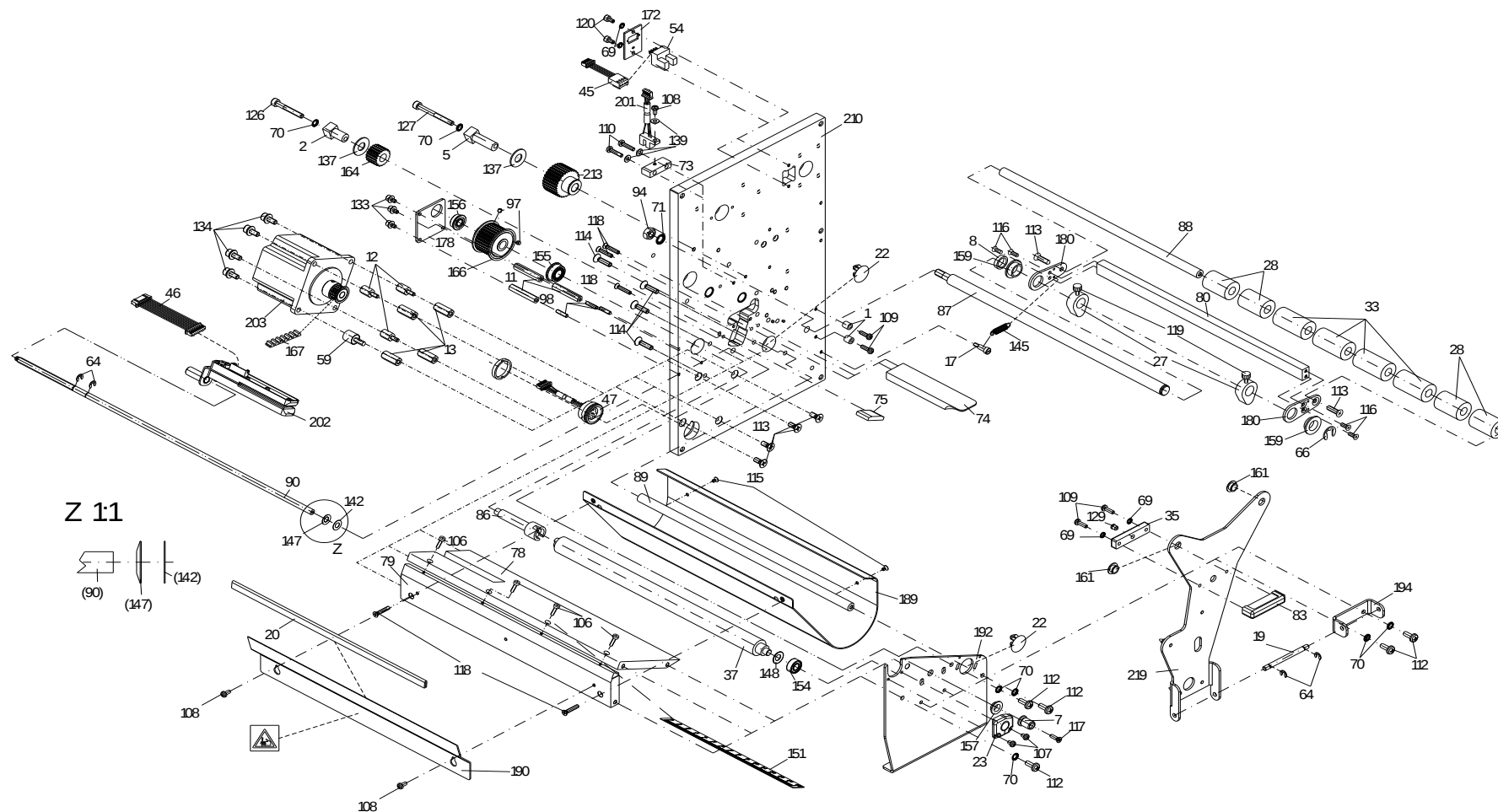
### SPECTRA II, PRE-ASSEMBLED

| Pos | Ident-No.  | Description1                              | Description2 | Quantity |
|-----|------------|-------------------------------------------|--------------|----------|
| 1*  | 37.03.013  | Graphic module 6.5" 800x480 mm with touch | Spectra II   | 1        |
| 2   | 48.14.205  | Pan screw M2.5x5                          |              | 8        |
| 3   | 48.14.208  | Pan screw M2.5x8                          |              | 4        |
| 4   | 48.14.304  | Pan screw M3x4                            |              | 4        |
| 5   | 50.01.057  | Lock washer 3.2                           |              | 4        |
| 6   | 50.01.069  | Lock washer 2.7                           |              | 4        |
| 7   | 55.56.001  | LICENCE LABEL HMI                         |              | 1        |
| 8   | 67.88.024A | SUPPORTING PLATE FOR DISPLAY              |              | 1        |
| 9   | 67.88.026A | Cover, above                              | Spectra II   | 1        |
| 10  | 67.88.036A | COVER BELOW                               | SPECTRA II   | 1        |
| 11  | 67.88.042A | PLATE ABOVE FOR DISPLAY UNIT              |              | 1        |
| 12  | 67.88.044A | PLATE BELOW FOR DISPLAY UNIT              |              | 1        |
| 13  | 70.03.505  | CPU HMI Touch Panel IV cpl                | Spectra II   | 1        |

\*Recommended spare part

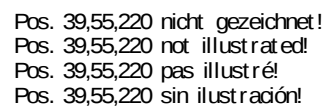
# 90.88.500A

## SPECTRA II 216/12 THERMAL TRANSFER PRINTER TOUCH DISPLAY

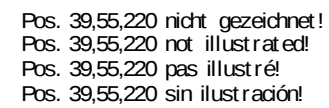


Pos. 39,55,220 nicht gezeichnet!  
Pos. 39,55,220 not illustrated!  
Pos. 39,55,220 pas illustré!  
Pos. 39,55,220 sin ilustración!

**SPECTRA II 216/12 THERMAL TRANSFER PRINTER  
TOUCH DISPLAY**

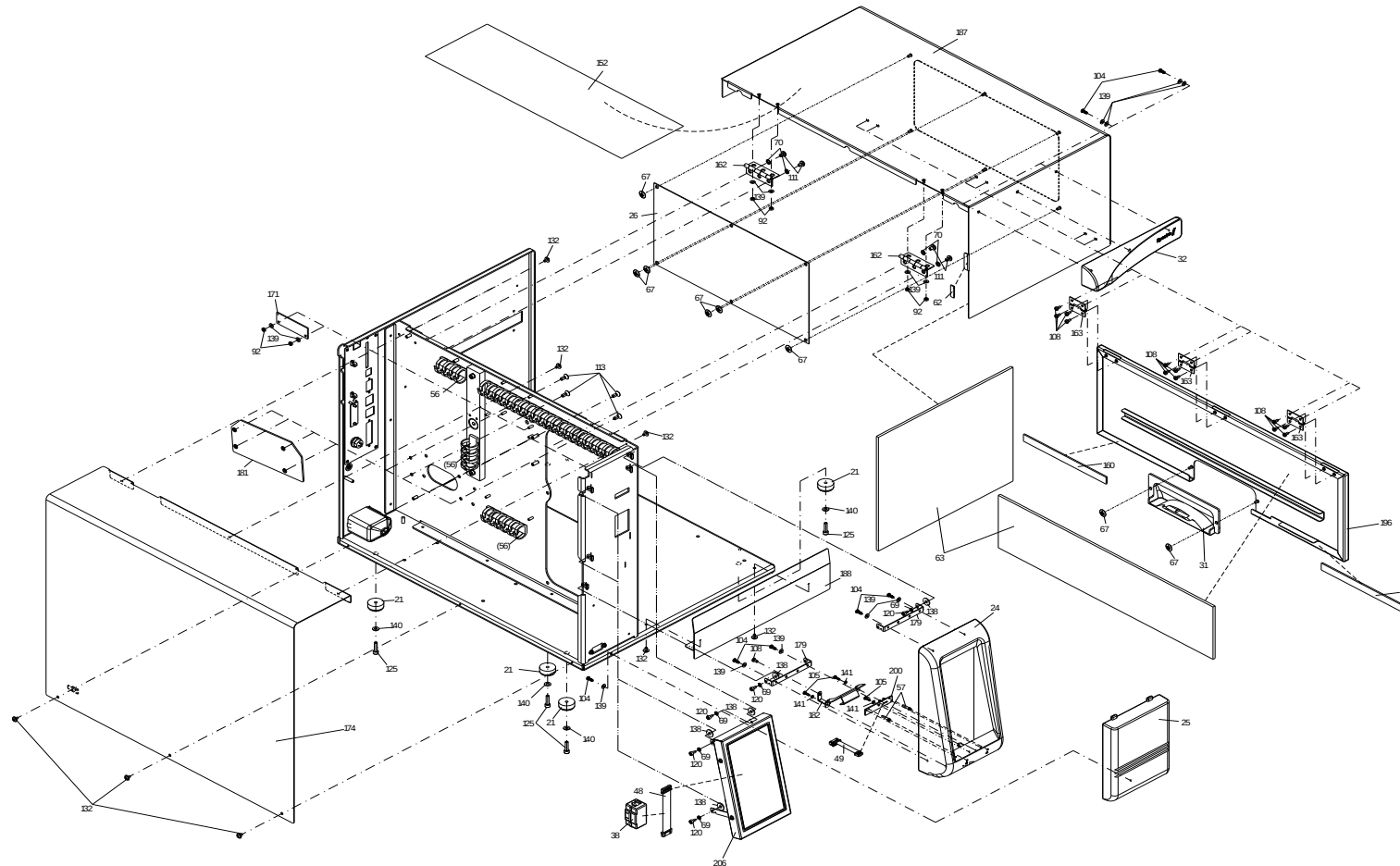


**SPECTRA II 216/12 THERMAL TRANSFER PRINTER  
TOUCH DISPLAY**



## 90.88.500A

### SPECTRA II 216/12 THERMAL TRANSFER PRINTER TOUCH DISPLAY



Pos. 39,55,220 nicht gezeichnet!  
Pos. 39,55,220 not illustrated!  
Pos. 39,55,220 pas illustré!  
Pos. 39,55,220 sin ilustración!

## 90.88.500A

### SPECTRA II 216/12 THERMAL TRANSFER PRINTER

#### TOUCH DISPLAY

| Pos | Ident-No.  | Description1                | Description2                               | Quantity |
|-----|------------|-----------------------------|--------------------------------------------|----------|
| 1   | 10.41.015  | Spacer roller 6x3.2x6 mm    |                                            | 2        |
| 2*  | 10.87.020  | Eccentric bearing           | Vario/SPE/DPM/SPX/Vita/Flexicode           | 1        |
| 3   | 10.88.001  | Bearing bush                | Spectra/SPE/DPM/SPX/Vita/Flexicode/ILX/ALP | 2        |
| 4   | 10.88.015  | Spacer sleeve               | Spectra/SPE/Vario/SPX/Vita                 | 1        |
| 5*  | 10.88.020  | Eccentric bearing           | Spectra/SPE/SPX/Vita/Duoprint/ILX          | 1        |
| 6   | 10.88.025  | Bearing ring                | Spectra/SPE/SPX                            | 1        |
| 7   | 10.88.036  | Knurled knob                | Spectra II/SPE II                          | 1        |
| 8   | 10.88.050A | Spacer ring                 | Spectra II                                 | 1        |
| 9   | 12.40.310  | Distance bolt M3x10         |                                            | 4        |
| 10  | 12.40.313  | Distance bolt M3x13         |                                            | 4        |
| 11  | 12.40.330  | DISTANCE BOLT M3 X 30       |                                            | 3        |
| 12  | 12.40.410  | Distance bolt M4x10         |                                            | 3        |
| 13  | 12.40.417  | Distance bolt M4x17         | Spectra/SPE                                | 4        |
| 14  | 12.40.4308 | Distance bolt M4x30.8       |                                            | 4        |
| 15  | 12.40.434  | Distance bolt M4x34.8       |                                            | 3        |
| 16  | 12.40.455  | DISTANCE BOLT M4 X 55       |                                            | 3        |
| 17  | 12.88.001  | Spring pillar               | Spectra                                    | 1        |
| 18* | 12.88.030  | Eccentric pin               | Spectra/SPE/SPX                            | 1        |
| 19  | 12.88.301  | Pin                         | Spectra 216                                | 1        |
| 20  | 16.01.007  | Edge protection profile     | in meters                                  | 0,25m    |
| 21  | 16.01.022  | Machine foot                | Spectra 216                                | 4        |
| 22  | 16.55.002  | Universal stopper 15.0-17.5 |                                            | 2        |
| 23  | 16.56.045  | Supporting piece            | Vario III/Spectra II/ILX 10X/SPE II        | 1        |
| 24  | 16.88.002A | Front panel                 | Spectra II, touch version                  | 1        |
| 25  | 16.88.006A | Front panel, below          | Spectra II touch                           | 1        |
| 26  | 16.88.027  | Window                      | Spectra                                    | 1        |
| 27  | 16.88.035  | Label guiding               | Spectra/SPE "SES"                          | 2        |
| 28  | 16.88.040  | Roller                      | Spectra/SPE "SES"                          | 4        |

\*Recommended spare part

## 90.88.500A

### SPECTRA II 216/12 THERMAL TRANSFER PRINTER

#### TOUCH DISPLAY

| Pos | Ident-No.  | Description1                                      | Description2                                 | Quantity |
|-----|------------|---------------------------------------------------|----------------------------------------------|----------|
| 29  | 16.88.055  | Sprocket wheel                                    | Spectra/SPE/DPM/Vario/SPX/Vita/Flexicode/ALP | 1        |
| 30  | 16.88.070  | Slide bearing                                     | Spectra/SPE/SPX/ALP                          | 1        |
| 31  | 16.88.080A | Handle                                            | Spectra II                                   | 1        |
| 32  | 16.88.215A | Front panel, long                                 | Spectra II 16X/216                           | 1        |
| 33  | 16.88.240  | Roller                                            | Spectra 162/Spectra 160/Spectra 216          | 4        |
| 34  | 16.88.305  | LABEL REWINDING ROLL                              |                                              | 1        |
| 35  | 16.88.360A | Limit stop                                        | Spectra II 216                               | 1        |
| 36* | 18.88.301  | Pressure roller                                   | Spectra 216                                  | 1        |
| 37  | 18.88.301A | Pressure roller                                   | Spectra II 216                               | 1        |
| 38  | 22.88.001  | FERRITE                                           |                                              | 1        |
| 39  | 24.01.012  | Power cable 2 m                                   |                                              | 1        |
| 40  | 28.30.081  | Grounded conductor 2                              | Vario/DPM/SPE/Dynacode/Pica/Flexicode/SPE II | 1        |
| 41  | 28.30.090  | Protective conductor 2                            | Dynacode/SPX/Vita/Duoprint/Pica II           | 1        |
| 42  | 28.30.0963 | GROUNDING CONDUCTOR                               |                                              | 2        |
| 43  | 28.48.010  | CONNECTING CABLE STEP/DOWN - CPU                  | VITA                                         | 1        |
| 44  | 28.79.010  | Connecting cable, motor signals CPU-distr plate   | Flexicode/Spectra II                         | 1        |
| 45  | 28.79.045  | Connecting cable, encoder-distributor plate       | Flexicode/Spectra II                         | 1        |
| 46  | 28.88.005A | Photocell cable, transmission/reflexion photocell | Spectra II                                   | 1        |
| 47  | 28.88.020A | Bushing cable                                     | Spectra II 216                               | 1        |
| 48  | 28.88.035A | Connecting cable, control unit-CPU                | Spectra II                                   | 1        |
| 49  | 28.88.040A | Connecting cable, LED-CPU                         | Spectra II                                   | 1        |
| 50  | 28.88.310A | CONNECTING CABLE                                  |                                              | 1        |
| 51  | 28.88.315A | CONNECTING CABLE                                  |                                              | 1        |
| 52  | 28.88.320A | CONNECTING CABLE                                  |                                              | 1        |
| 53  | 28.88.901A | Winder supply line                                | Spectra II                                   | 1        |
| 54  | 31.03.035  | Photocell                                         |                                              | 1        |
| 55  | 35.01.002  | Cable joint 100x2.5 mm                            |                                              | 7        |
| 56  | 35.07.005  | WIRING DUCT                                       |                                              | 1        |

\*Recommended spare part

## 90.88.500A

### SPECTRA II 216/12 THERMAL TRANSFER PRINTER

#### TOUCH DISPLAY

| Pos | Ident-No.  | Description1                | Description2                                     | Quantity |
|-----|------------|-----------------------------|--------------------------------------------------|----------|
| 57  | 35.12.3127 | Light conductor, flat       |                                                  | 2        |
| 58  | 37.04.218A | Thermal printhead 216-12    | Spectra II                                       | 1        |
| 59  | 37.28.010  | Vibration absorption        | Spectra/SPE/SPX                                  | 1        |
| 60  | 37.28.020  | Edge protection file        | Pica/Spectra, in meters                          | 0,80m    |
| 61  | 37.39.600  | Power supply                | Duoprint/Spectra II/SPX II                       | 1        |
| 62  | 37.88.001  | Rubber-sponge               |                                                  | 0,01     |
| 63  | 37.88.010  | Rubber-sponge               |                                                  | 1        |
| 64  | 40.01.003  | Shaft protection 3.2 mm     |                                                  | 6        |
| 65  | 40.01.006  | Shaft protection 6 mm       |                                                  | 8        |
| 66  | 40.01.007  | Shaft protection 7 mm       |                                                  | 1        |
| 67  | 40.03.003  | Lock washer                 |                                                  | 8        |
| 68  | 41.02.002  | Fan shaped washer M4        |                                                  | 5        |
| 69  | 41.03.003  | Lock washer M3              |                                                  | 13       |
| 70  | 41.03.004  | Lock washer M4              |                                                  | 41       |
| 71  | 41.03.006  | Lock washer M6              |                                                  | 1        |
| 72  | 42.05.002  | Grooved taper pin 3 x 15 mm |                                                  | 1        |
| 73  | 45.81.020  | Spacer                      | Duoprint/SPX II/Spectra II/LPM II/ILX 10X/SPE II | 1        |
| 74  | 45.88.030  | Clamping-down clamp         | Spectra                                          | 1        |
| 75  | 45.88.035  | Limit stop                  | Spectra/SPE/SPX/ILX 10X                          | 1        |
| 76  | 45.88.045A | Sole plate                  | Spectra II/LPM II/SPE II                         | 1        |
| 77  | 45.88.301  | Profile strut, above        | Spectra 216                                      | 1        |
| 78  | 45.88.302  | PROFILE STRUT BELOW         |                                                  | 1        |
| 79  | 45.88.303  | Profile strut               | Spectra 216                                      | 2        |
| 80  | 45.88.315  | STRUT                       |                                                  | 1        |
| 81  | 45.88.321  | Interlayer                  | Spectra 216                                      | 1        |
| 82  | 45.88.325  | Guiding                     | Spectra 216                                      | 1        |
| 83  | 45.88.336  | Handle                      | Spectra II 216                                   | 1        |
| 84  | 45.88.341A | PRESSURE LEVER              |                                                  | 1        |

\*Recommended spare part

## 90.88.500A

### SPECTRA II 216/12 THERMAL TRANSFER PRINTER TOUCH DISPLAY

| Pos | Ident-No.  | Description1                     | Description2              | Quantity |
|-----|------------|----------------------------------|---------------------------|----------|
| 85  | 45.88.705A | STABILIZING LEDGE                |                           | 1        |
| 86  | 46.88.033A | Transmission shaft               | Spectra II/ILX 10X/SPE II | 1        |
| 87  | 46.88.301  | Bearing pillar for label guiding | Spectra 216               | 1        |
| 88  | 46.88.305  | Spacer shaft for label guiding   | Spectra 216               | 1        |
| 89  | 46.88.310  | Brush shaft                      | Spectra 216               | 1        |
| 90  | 46.88.315  | Straight shaft                   | Spectra 216               | 1        |
| 91  | 46.88.320  | Ribbon rewinding/unwinding shaft | Spectra 216               | 2        |
| 92  | 47.04.001  | Hexagon nut M3                   |                           | 6        |
| 93  | 47.05.001  | Hexagon nut M4                   |                           | 7        |
| 94  | 47.07.001  | Hexagon nut M6                   |                           | 1        |
| 95  | 47.88.301  | Knurled nut                      | Spectra 216               | 2        |
| 96  | 48.04.208  | Screw M2x8                       |                           | 5        |
| 97  | 48.10.005  | Setscrew M4x4                    |                           | 4        |
| 98  | 48.10.007  | Setscrew M3x12                   |                           | 3        |
| 99  | 48.10.406  | Setscrew M4x6                    |                           | 1        |
| 100 | 48.10.408  | Setscrew M4x8                    |                           | 2        |
| 101 | 48.10.412  | Setscrew M4x12                   |                           | 7        |
| 102 | 48.10.505  | Setscrew M5x5                    |                           | 1        |
| 103 | 48.13.212  | Screw 22x4.5                     |                           | 2        |
| 104 | 48.13.308  | Screw KA3x8                      |                           | 7        |
| 105 | 48.14.208  | Pan screw M2.5x8                 |                           | 3        |
| 106 | 48.14.210  | Pan screw M2.5x10                |                           | 10       |
| 107 | 48.14.304  | Pan screw M3x4                   |                           | 2        |
| 108 | 48.14.306  | Pan screw M3x6                   |                           | 33       |
| 109 | 48.14.310  | Pan screw M3x10                  |                           | 4        |
| 110 | 48.14.314V | Pan screw M3x14 stainless        |                           | 2        |
| 111 | 48.14.406  | Pan screw M4x6                   |                           | 26       |
| 112 | 48.14.410  | Pan screw M4x10                  |                           | 14       |

\*Recommended spare part

## 90.88.500A

### SPECTRA II 216/12 THERMAL TRANSFER PRINTER TOUCH DISPLAY

| Pos  | Ident-No.  | Description1                      | Description2            | Quantity |
|------|------------|-----------------------------------|-------------------------|----------|
| 113  | 48.15.002  | Pan screw M4x10                   |                         | 15       |
| 114  | 48.15.004  | Countersunk screw M4x16           |                         | 9        |
| 115  | 48.15.204  | Countersunk screw M2.5x4          |                         | 2        |
| 116  | 48.15.308  | Countersunk screw M3x8            |                         | 4        |
| 117  | 48.15.310  | Countersunk screw M3x10           |                         | 1        |
| 118  | 48.15.316  | Countersunk screw M3x16           |                         | 5        |
| 119  | 48.16.015  | KNURLED SCREW                     |                         | 2        |
| 120  | 48.16.306  | Socket cap screw M3x6             |                         | 7        |
| 121  | 48.16.310  | Socket cap screw M3x10            |                         | 2        |
| 122  | 48.16.316  | Socket cap screw M3x16            |                         | 2        |
| 123  | 48.16.408  | Socket cap screw M4x8             |                         | 2        |
| 124  | 48.16.412  | Socket cap screw M4x12            |                         | 2        |
| 125  | 48.16.416  | Socket cap screw M4x16            |                         | 4        |
| 126  | 48.16.430  | Socket cap screw M4x30            |                         | 1        |
| 127  | 48.16.440  | Socket cap screw M4x40            |                         | 1        |
| 128  | 48.16.460V | Socket cap screw M4x60 stainless  |                         | 1        |
| 129  | 48.18.015  | Spring pressure piece             |                         | 1        |
| 130  | 48.18.020  | Spring pressure piece             |                         | 1        |
| 131  | 48.19.835  | SCREW M 8x35                      |                         | 1        |
| 132  | 48.21.305  | Pan screw M3x5                    |                         | 8        |
| 133  | 48.26.306V | INBUS A2 STAINLESS M3x6           |                         | 3        |
| 134  | 48.26.410V | Screw-and-washer assembly M4x10   |                         | 12       |
| 135* | 48.88.001  | Knurled screw                     | Spectra/SPE/SPX/ILX 10X | 2        |
| 136  | 50.01.009  | Lock washer 5x2x0.3               |                         | 2        |
| 137  | 50.01.012  | Lock washer 18x8.15x1.0 stainless |                         | 3        |
| 138  | 50.01.046  | Lock washer M4                    |                         | 6        |
| 139  | 50.01.057  | Lock washer 3.2                   |                         | 23       |
| 140  | 50.01.065  | Lock washer 4.3                   |                         | 9        |

\*Recommended spare part

## 90.88.500A

### SPECTRA II 216/12 THERMAL TRANSFER PRINTER

#### TOUCH DISPLAY

| Pos  | Ident-No.  | Description1                             | Description2                                    | Quantity |
|------|------------|------------------------------------------|-------------------------------------------------|----------|
| 141  | 50.01.069  | Lock washer 2.7                          |                                                 | 3        |
| 142  | 50.50.502  | WASHER                                   |                                                 | 1        |
| 143  | 50.50.802  | Washer 8x14x0.2                          |                                                 | 1        |
| 144* | 50.88.001  | Striker arm plate                        | Spectra/SPE/SPX/DPM III+IV/Vario II/Vita/FC/ALP | 2        |
| 145  | 52.02.026  | Tension spring                           | Spectra                                         | 1        |
| 146  | 52.02.047  | Tension spring                           | Desco/Spectra/SPE/SPX/ILX                       | 1        |
| 147  | 52.04.002  | Cup spring                               |                                                 | 1        |
| 148  | 52.04.004  | Cup spring                               |                                                 | 1        |
| 149* | 52.55.010  | Tension spring                           |                                                 | 1        |
| 150* | 52.88.005  | Compression spring                       | Spectra/DPM/SPE/Vario/SPX/Vita/Flexicode/ALP    | 2        |
| 151  | 55.10.001  | Self-adhesive scale                      |                                                 | 1        |
| 152  | 55.88.005A | Cover foil 380 x 120 mm                  | Spectra II                                      | 1        |
| 153  | 55.88.015A | Foil, ribbon pathway                     | Spectra II 108/Spectra II 162/Spectra II 216    | 1        |
| 154* | 57.01.002  | Grooved ball bearing                     |                                                 | 1        |
| 155* | 57.01.007  | Grooved ball bearing                     |                                                 | 7        |
| 156* | 57.01.008  | Grooved ball bearing                     |                                                 | 1        |
| 157* | 57.02.105  | Bearing                                  | Spectra                                         | 1        |
| 158* | 57.02.108  | Bearing                                  | Spectra                                         | 1        |
| 159* | 57.02.110  | Bearing                                  |                                                 | 2        |
| 160  | 57.05.050  | Magnetic tape Isoflex 12.7x2.2 mm x 30 m |                                                 | 0,01     |
| 161* | 57.28.005  | Clip bearing                             | Pica/DPM III/SPE/Vita                           | 2        |
| 162  | 57.88.001  | Hinge                                    |                                                 | 2        |
| 163  | 57.88.005  | Hinge                                    |                                                 | 3        |
| 164  | 59.88.019A | Toothed belt wheel                       | Spectra II/ILX 10X                              | 1        |
| 165  | 59.88.032  | Toothed belt wheel                       | Spectra/SPE/SPX/Vita/Flexicode/ALP              | 1        |
| 166  | 59.88.033  | Toothed belt wheel                       | Spectra/SPE/SPX/Vita/ILX                        | 1        |
| 167* | 59.88.225  | Toothed belt                             | Spectra                                         | 1        |
| 168* | 59.88.421  | Toothed belt                             | Spectra                                         | 1        |

\*Recommended spare part

## 90.88.500A

### SPECTRA II 216/12 THERMAL TRANSFER PRINTER

#### TOUCH DISPLAY

| Pos | Ident-No.  | Description1                              | Description2                                       | Quantity |
|-----|------------|-------------------------------------------|----------------------------------------------------|----------|
| 169 | 67.48.035  | Interface cover                           | Vita II/Compa II/Pica II/Duop/Vario III/Spectra II | 1        |
| 170 | 67.55.120  | Interface cover                           | Vario II/Pica/Spectra/SPE/SPX/Vita                 | 1        |
| 171 | 67.74.075  | COVER FOR APX PREPARATION                 |                                                    | 1        |
| 172 | 67.79.050  | BRACKET FOR PHOTO CELL                    |                                                    | 1        |
| 173 | 67.88.001A | CASSIS BASE                               |                                                    | 1        |
| 174 | 67.88.005A | Cover, left                               | Spectra II 10X/Spectra II 16X/Spectra II 216       | 1        |
| 175 | 67.88.010A | Connecting plate                          | Spectra II                                         | 1        |
| 176 | 67.88.012A | INTERLAYER                                | SPECTRA II                                         | 1        |
| 177 | 67.88.030  | Sole plate ribbon rewinder                | Spectra/Spectra II/SPE/Vario/SPX/Vita              | 1        |
| 178 | 67.88.033A | SOLE PLATE                                |                                                    | 1        |
| 179 | 67.88.038A | Plate                                     | Spectra II                                         | 2        |
| 180 | 67.88.050  | Sole plate label guiding device           | Spectra/SPE                                        | 2        |
| 181 | 67.88.055A | COVER PLATE FOR LABEL REWINDER SPECTRA II |                                                    | 1        |
| 182 | 67.88.064A | COVER USB SPECTRA II                      |                                                    | 1        |
| 183 | 67.88.065  | Circuit plate                             | Spectra/SPE/SPX                                    | 1        |
| 184 | 67.88.080  | Adjusting plate                           | Spectra/SPE/SPX                                    | 1        |
| 185 | 67.88.301A | BOTTOM PLATE                              |                                                    | 1        |
| 186 | 67.88.305A | BACK PANEL                                |                                                    | 1        |
| 187 | 67.88.312A | COVER RIGHT SIDE                          |                                                    | 1        |
| 188 | 67.88.320  | Front sheet                               | Spectra 216                                        | 1        |
| 189 | 67.88.325A | COVER SHEET BELOW                         |                                                    | 1        |
| 190 | 67.88.330A | Tear-off edge                             | Spectra II 216                                     | 1        |
| 191 | 67.88.340A | SOLE PLATE ABOVE                          |                                                    | 1        |
| 192 | 67.88.345A | SOLE PLATE ABOVE                          |                                                    | 1        |
| 193 | 67.88.350A | SUPPORT ANGLE                             |                                                    | 1        |
| 194 | 67.88.355A | CENTERING BEARER                          |                                                    | 1        |
| 195 | 67.88.365  | Cover                                     | Spectra 216                                        | 1        |
| 196 | 67.88.395A | COVER RIGHT SIDE                          |                                                    | 1        |

\*Recommended spare part

## 90.88.500A

### SPECTRA II 216/12 THERMAL TRANSFER PRINTER

#### TOUCH DISPLAY

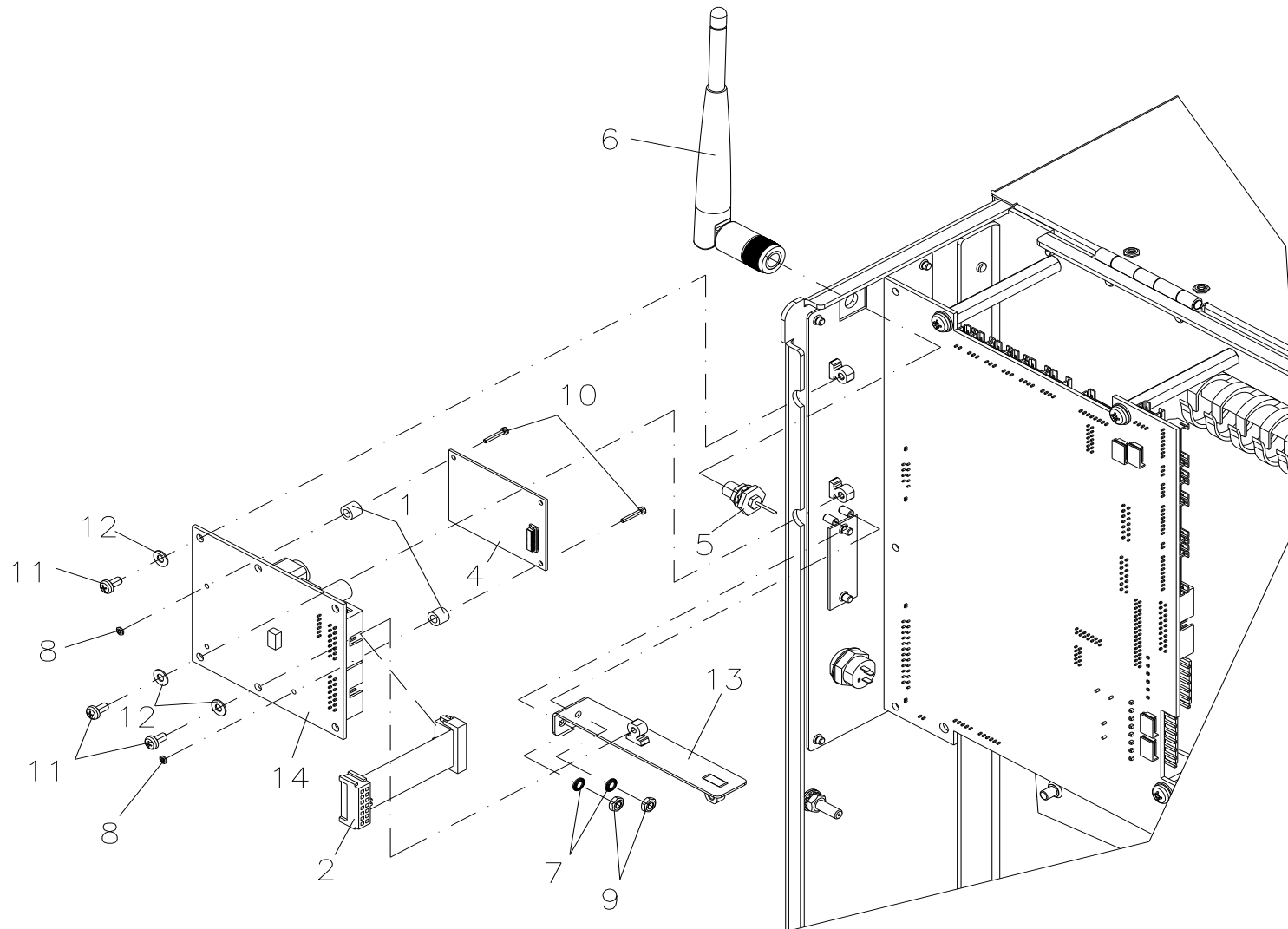
| Pos  | Ident-No.  | Description1                             | Description2                                 | Quantity |
|------|------------|------------------------------------------|----------------------------------------------|----------|
| 197  | 70.39.045  | Printhead signal                         | Spectra II 216                               | 1        |
| 198* | 70.39.401  | Power electronics                        | Spectra II 216/ILX 10X/APL/SPE II            | 1        |
| 199  | 70.88.010  | CPU 8 dot + 12 dot cpl                   | Spectra II                                   | 1        |
| 200  | 70.88.061  | LED adapter                              | Spectra II                                   | 1        |
| 201  | 71.81.015  | Photocell printhead/ribbon/ribbon saving |                                              | 1        |
| 202* | 71.83.018  | Label photocell                          | transmission above+reflexion below           | 1        |
| 203  | 71.88.010A | Stepper motor feed                       | Spectra II                                   | 1        |
| 204  | 71.88.015A | Photocell ribbon saving                  | Spectra II/LPM II/SPE II                     | 1        |
| 205  | 71.88.040A | Power input module cpl                   | Spectra II                                   | 1        |
| 206  | 71.88.070A | Display unit touch                       | Spectra II, pre-assembled                    | 1        |
| 207  | 71.88.316A | Printhead cable cpl                      | Spectra II 216                               | 1        |
| 208  | 72.74.010  | Bearing ring                             | ILX/Spectra II/LPM II/SPE II                 | 1        |
| 209  | 72.79.045  | Backfeed plate cpl                       | Flexicode/Spectra II/LPM II/SPE II           | 1        |
| 210  | 72.88.005A | Carrier plate cpl                        | Spectra II 103/104/106/108/162/216           | 1        |
| 211  | 72.88.015A | Washer, inside cpl                       | Spectra II                                   | 1        |
| 212* | 72.88.020  | Washer cpl, outside                      | Spectra 108/SPE 108                          | 1        |
| 213* | 72.88.034  | Toothed belt wheel cpl                   | Spectra/SPE/SPX/Vita/ILX 10X                 | 1        |
| 214* | 72.88.048  | Toothed belt wheel cpl                   | Spectra/SPE/Vario/SPX/Vita/Flexicode/ILX/ALP | 1        |
| 215  | 72.88.301  | Ribbon rewinder/unwinder roll cpl        | Spectra 216                                  | 2        |
| 216  | 72.88.305A | Pressure shaft cpl                       | Spectra II 216                               | 1        |
| 217  | 72.88.310  | Brush shaft cpl                          | Spectra 216                                  | 2        |
| 218  | 72.88.315  | Printhead bracket cpl                    | Spectra 216                                  | 1        |
| 219  | 72.88.360A | Centering plate cpl                      | Spectra II 216                               | 1        |
| 220  | 89.02.002  | Data cable USB 1.8 m plug A to plug B    |                                              | 1        |

\*Recommended spare part

## 90.88.775A

WLAN, NO RETROFIT POSSIBLE

SPECTRA II, OPTION FOR NEW PRINTER



Pos. 3 nicht gezeichnet  
Pos. 3 not illustrated  
Pos. 3 pas illustré  
Pos. 3 sin ilustración

## 90.88.775A

WLAN, NO RETROFIT POSSIBLE

SPECTRA II, OPTION FOR NEW PRINTER

| Pos | Ident-No.  | Description1            | Description2 | Quantity |
|-----|------------|-------------------------|--------------|----------|
| 1   | 10.41.002  | Spacer roller           |              | 2        |
| 2   | 28.83.052A | Connecting cable        | SPX II       | 1        |
| 3   | 35.01.0021 | CABLE JOINT             |              | 1        |
| 4   | 37.09.506  | WLAN module             |              | 1        |
| 5   | 37.09.510  | Antenna connection      |              | 1        |
| 6   | 37.09.520  | Antenna                 |              | 1        |
| 7   | 41.03.003  | Lock washer M3          |              | 2        |
| 8   | 47.00.016  | Hexagon nut M1.6        |              | 2        |
| 9   | 47.04.001  | Hexagon nut M3          |              | 2        |
| 10  | 48.04.161  | Screw M1.6x10           |              | 2        |
| 11  | 48.14.306  | Pan screw M3x6          |              | 3        |
| 12  | 50.01.057  | Lock washer 3.2         |              | 3        |
| 13  | 67.88.067A | SUPPORT ANGLE           |              | 1        |
| 14  | 70.39.020  | WLAN adapter serial cpl |              | 1        |

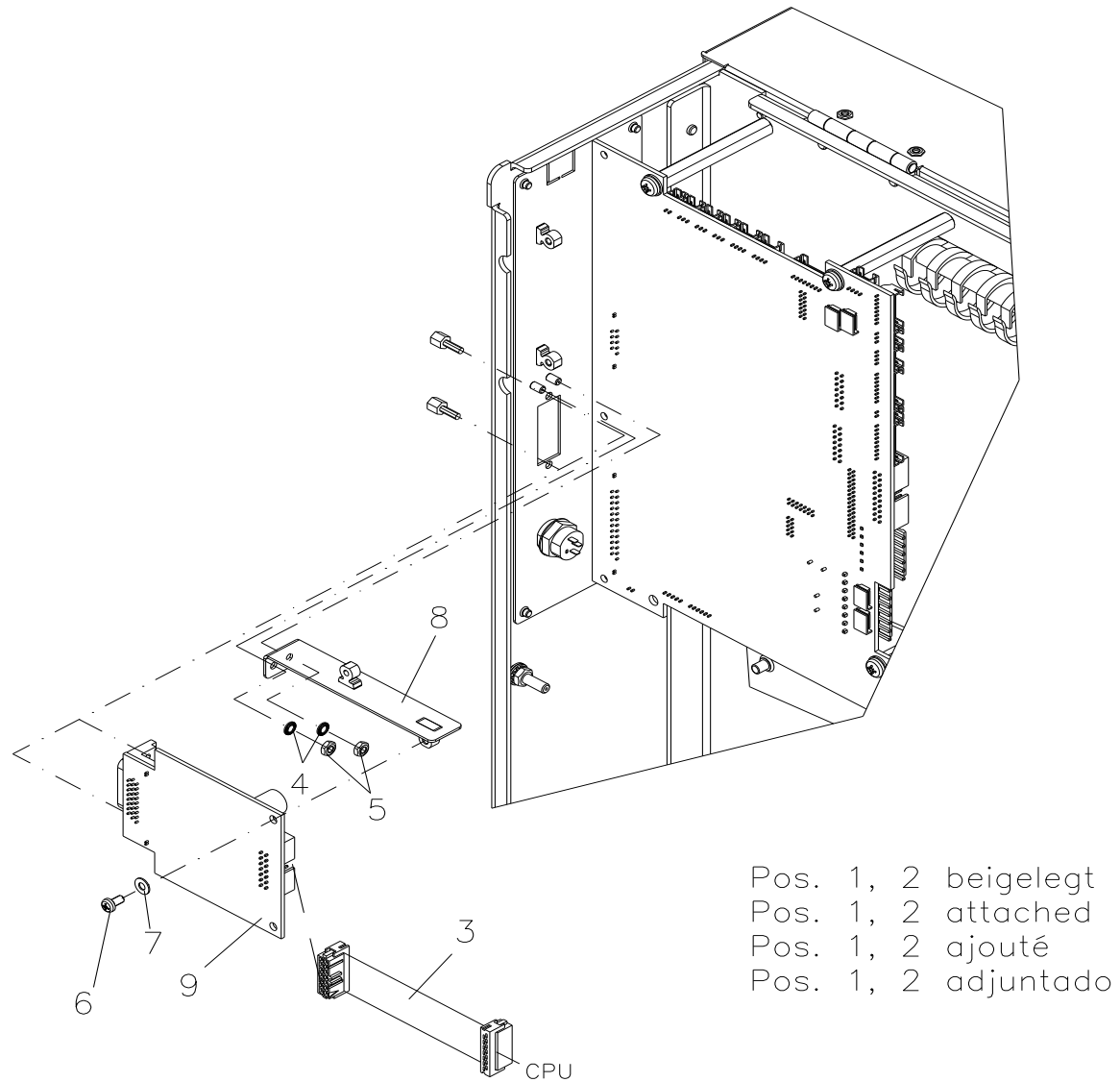
\*Recommended spare part

Modifications and errors excepted

Spectra II: 06.2023

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**90.88.785A**  
**DISPENSER I/O**  
**SPECTRA II, OPTION**



**90.88.785A**  
**DISPENSER I/O**  
**SPECTRA II, OPTION**

| Pos | Ident-No.  | Description1              | Description2                                 | Quantity |
|-----|------------|---------------------------|----------------------------------------------|----------|
| 1   | 25.04.016  | Cover 15-pin              |                                              | 1        |
| 2   | 25.04.046  | SUB-D 26-pin              |                                              | 1        |
| 3   | 28.56.010  | Connecting cable, I/O-CPU | Vario III/Spectra II/SPE II/LPM II/Compa III | 1        |
| 4   | 41.03.003  | Lock washer M3            |                                              | 2        |
| 5   | 47.04.001  | Hexagon nut M3            |                                              | 2        |
| 6   | 48.14.306  | Pan screw M3x6            |                                              | 1        |
| 7   | 50.01.057  | Lock washer 3.2           |                                              | 1        |
| 8   | 67.88.067A | SUPPORT ANGLE             |                                              | 1        |
| 9*  | 70.39.005  | I/O plate cpl             |                                              | 1        |

\*Recommended spare part

Modifications and errors excepted

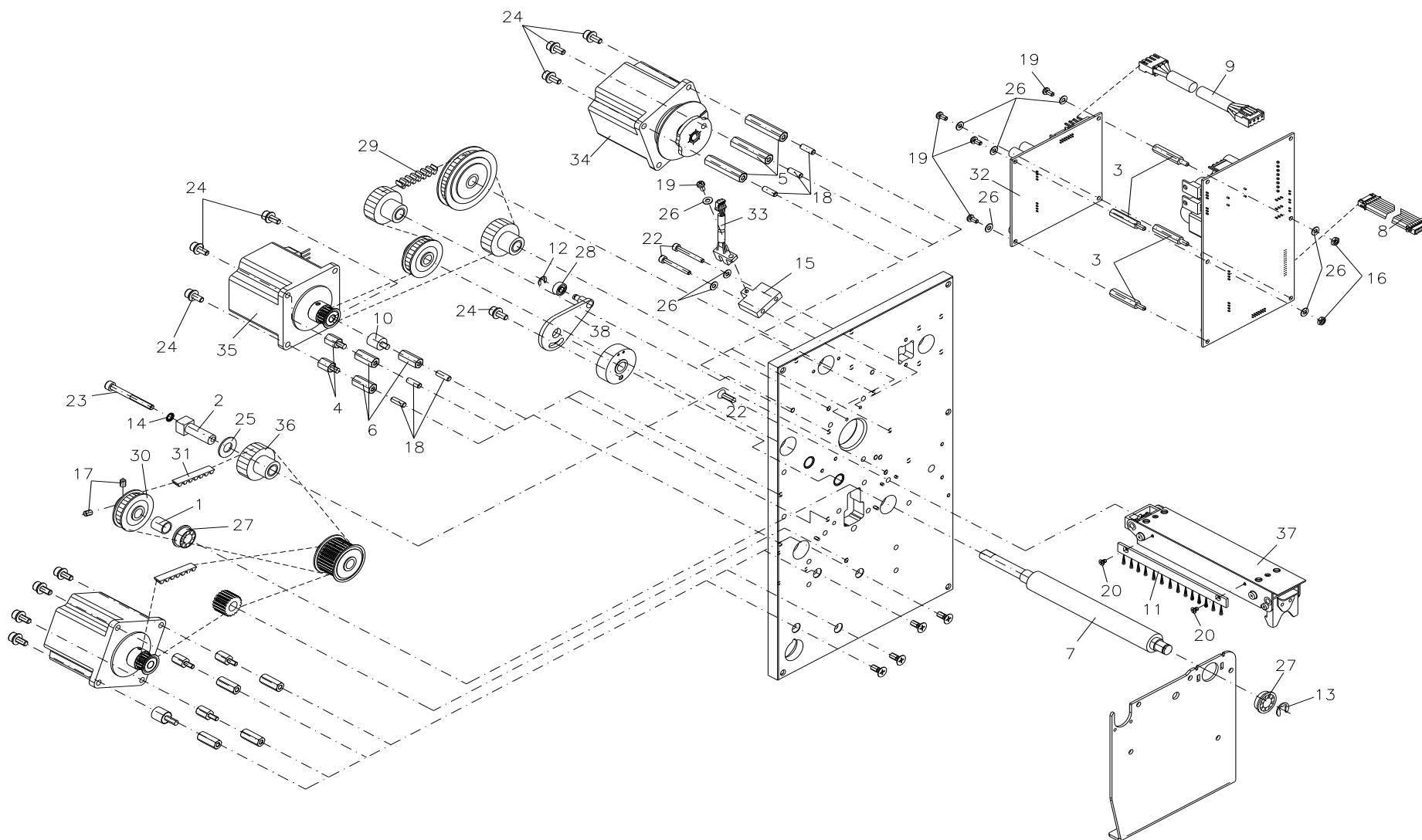
Spectra II: 06.2023

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## 90.88.840A

TRANSFER RIBBON SAVE

SPECTRA II 107, OPTION, NO RETROFIT POSSIBLE



## 90.88.840A

TRANSFER RIBBON SAVE

SPECTRA II 107, OPTION, NO RETROFIT POSSIBLE

| Pos | Ident-No.  | Description1                      | Description2                                  | Quantity |
|-----|------------|-----------------------------------|-----------------------------------------------|----------|
| 1   | 10.88.015  | Spacer sleeve                     | Spectra/SPE/Vario/SPX/Vita                    | 1        |
| 2*  | 10.88.020  | Eccentric bearing                 | Spectra/SPE/SPX/Vita/Duoprint/ILX             | 1        |
| 3   | 12.40.342  | DISTANCE BOLT M3 X 42             |                                               | 3        |
| 4   | 12.40.410  | Distance bolt M4x10               |                                               | 2        |
| 5   | 12.40.440  | Distance bolt M4x40               |                                               | 3        |
| 6   | 12.88.410  | Distance bolt M4x22.3             |                                               | 3        |
| 7*  | 18.88.105  | Transport roller                  | Spectra 10X/SPE 107/LPM II 10X                | 1        |
| 8   | 28.29.010  | Connecting cable, I/O-CPU         | Pica II/Flexicode/SPE II                      | 1        |
| 9   | 28.68.537  | CONNECTING CABLE                  |                                               | 1        |
| 10  | 37.28.010  | Vibration absorption              | Spectra/SPE/SPX                               | 1        |
| 11  | 37.88.101  | Antistatic brush                  | Spectra 10X/SPE/SPX/Vita/Duoprint 107/ALP 10X | 1        |
| 12  | 40.01.003  | Shaft protection 3.2 mm           |                                               | 1        |
| 13  | 40.01.006  | Shaft protection 6 mm             |                                               | 1        |
| 14  | 41.03.004  | Lock washer M4                    |                                               | 1        |
| 15  | 45.88.405A | SPACER BLOCK                      |                                               | 1        |
| 16  | 47.04.001  | Hexagon nut M3                    |                                               | 1        |
| 17  | 48.10.005  | Setscrew M4x4                     |                                               | 2        |
| 18  | 48.10.412  | Setscrew M4x12                    |                                               | 6        |
| 19  | 48.14.306  | Pan screw M3x6                    |                                               | 4        |
| 20  | 48.15.204  | Countersunk screw M2.5x4          |                                               | 2        |
| 21  | 48.15.412  | Pan screw M4x12                   |                                               | 1        |
| 22  | 48.16.325  | Socket cap screw M3x25            |                                               | 2        |
| 23  | 48.16.440  | Socket cap screw M4x40            |                                               | 1        |
| 24  | 48.26.410V | Screw-and-washer assembly M4x10   |                                               | 7        |
| 25  | 50.01.012  | Lock washer 18x8.15x1.0 stainless |                                               | 1        |
| 26  | 50.01.057  | Lock washer 3.2                   |                                               | 7        |
| 27* | 57.01.007  | Grooved ball bearing              |                                               | 2        |
| 28* | 57.03.010  | Grooved ball bearing              |                                               | 1        |

\*Recommended spare part

## 90.88.840A

### TRANSFER RIBBON SAVE

SPECTRA II 107, OPTION, NO RETROFIT POSSIBLE

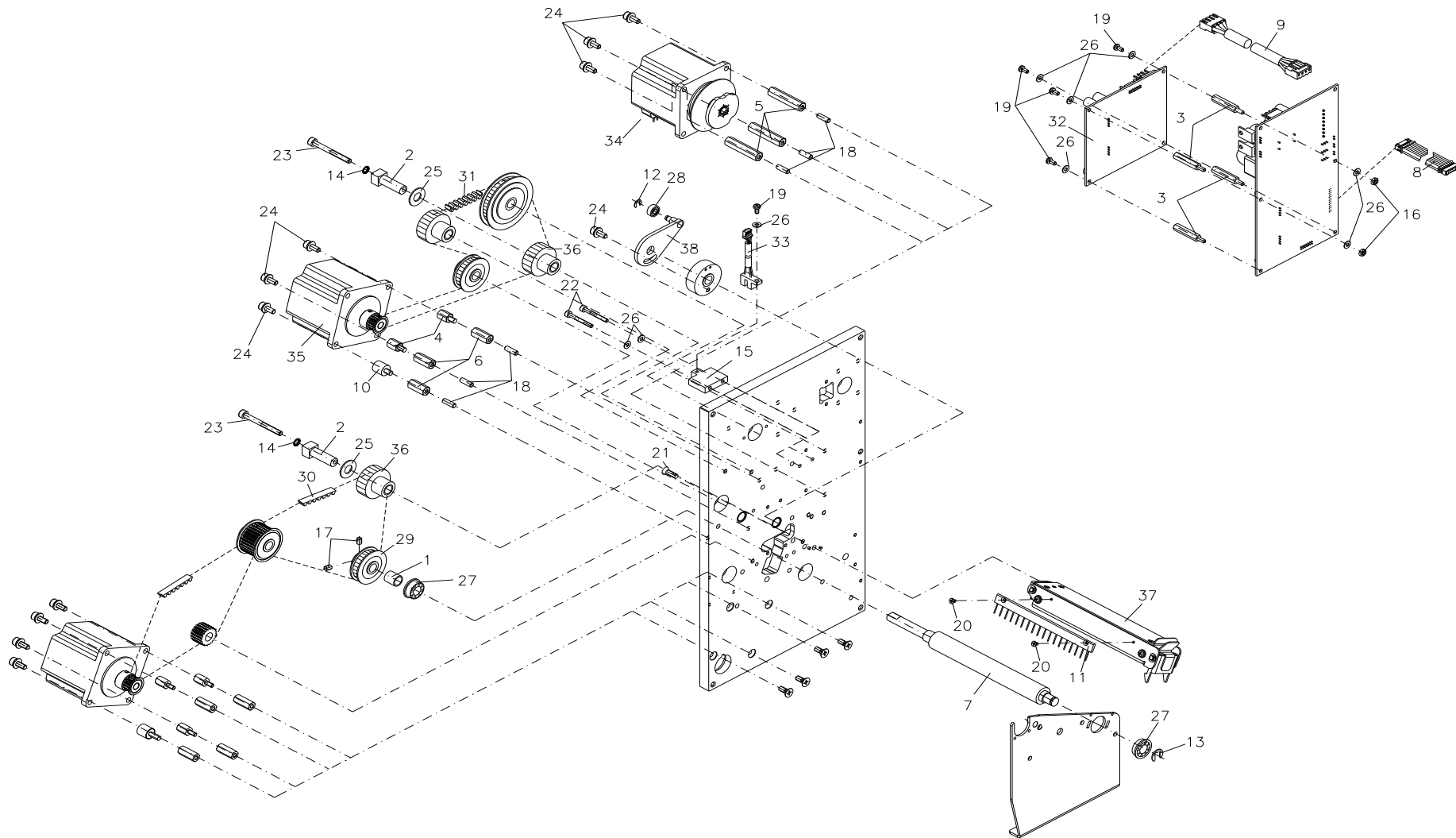
| Pos | Ident-No.  | Description1                    | Description2                       | Quantity |
|-----|------------|---------------------------------|------------------------------------|----------|
| 29* | 59.87.385  | Toothed belt                    | SPE/Spectra II                     | 1        |
| 30  | 59.88.032  | Toothed belt wheel              | Spectra/SPE/SPX/Vita/Flexicode/ALP | 1        |
| 31* | 59.88.300  | Toothed belt                    | Spectra/Vita/ILX 10X               | 1        |
| 32  | 70.39.406  | Power electronics               |                                    | 1        |
| 33  | 71.88.015A | Photocell ribbon saving         | Spectra II/LPM II/SPE II           | 1        |
| 34  | 71.88.401A | Stepper motor for ribbon saving | Spectra II                         | 1        |
| 35  | 71.88.405A | Stepper motor, transfer ribbon  | Spectra II                         | 1        |
| 36* | 72.88.034  | Toothed belt wheel cpl          | Spectra/SPE/SPX/Vita/ILX 10X       | 1        |
| 37  | 72.88.401A | Washer cpl                      | Spectra II 10X/SPE II 107          | 1        |
| 38  | 72.88.425  | Sole plate ribbon saving cpl    | Spectra/SPE/Duoprint               | 1        |

\*Recommended spare part

## 90.88.842A

TRANSFER RIBBON SAVE, FLAT-TYPE

SPECTRA II 10X, OPTION, NO RETROFIT POSSIBLE



## 90.88.842A

TRANSFER RIBBON SAVE, FLAT-TYPE

SPECTRA II 10X, OPTION, NO RETROFIT POSSIBLE

| Pos | Ident-No.  | Description1                      | Description2                                  | Quantity |
|-----|------------|-----------------------------------|-----------------------------------------------|----------|
| 1   | 10.88.015  | Spacer sleeve                     | Spectra/SPE/Vario/SPX/Vita                    | 1        |
| 2*  | 10.88.020  | Eccentric bearing                 | Spectra/SPE/SPX/Vita/Duoprint/ILX             | 2        |
| 3   | 12.40.342  | DISTANCE BOLT M3 X 42             |                                               | 3        |
| 4   | 12.40.410  | Distance bolt M4x10               |                                               | 2        |
| 5   | 12.40.440  | Distance bolt M4x40               |                                               | 3        |
| 6   | 12.88.410  | Distance bolt M4x22.3             |                                               | 3        |
| 7*  | 18.88.105  | Transport roller                  | Spectra 10X/SPE 107/LPM II 10X                | 1        |
| 8   | 28.29.010  | Connecting cable, I/O-CPU         | Pica II/Flexicode/SPE II                      | 1        |
| 9   | 28.68.537  | CONNECTING CABLE                  |                                               | 1        |
| 10  | 37.28.010  | Vibration absorption              | Spectra/SPE/SPX                               | 1        |
| 11  | 37.88.101  | Antistatic brush                  | Spectra 10X/SPE/SPX/Vita/Duoprint 107/ALP 10X | 1        |
| 12  | 40.01.003  | Shaft protection 3.2 mm           |                                               | 1        |
| 13  | 40.01.006  | Shaft protection 6 mm             |                                               | 1        |
| 14  | 41.03.004  | Lock washer M4                    |                                               | 2        |
| 15  | 45.88.405A | SPACER BLOCK                      |                                               | 1        |
| 16  | 47.04.001  | Hexagon nut M3                    |                                               | 1        |
| 17  | 48.10.005  | Setscrew M4x4                     |                                               | 2        |
| 18  | 48.10.412  | Setscrew M4x12                    |                                               | 6        |
| 19  | 48.14.306  | Pan screw M3x6                    |                                               | 4        |
| 20  | 48.15.204  | Countersunk screw M2.5x4          |                                               | 2        |
| 21  | 48.15.412  | Pan screw M4x12                   |                                               | 1        |
| 22  | 48.16.325  | Socket cap screw M3x25            |                                               | 2        |
| 23  | 48.16.440  | Socket cap screw M4x40            |                                               | 2        |
| 24  | 48.26.410V | Screw-and-washer assembly M4x10   |                                               | 7        |
| 25  | 50.01.012  | Lock washer 18x8.15x1.0 stainless |                                               | 2        |
| 26  | 50.01.057  | Lock washer 3.2                   |                                               | 7        |
| 27* | 57.01.007  | Grooved ball bearing              |                                               | 2        |
| 28* | 57.03.010  | Grooved ball bearing              |                                               | 1        |

\*Recommended spare part

## 90.88.842A

TRANSFER RIBBON SAVE, FLAT-TYPE

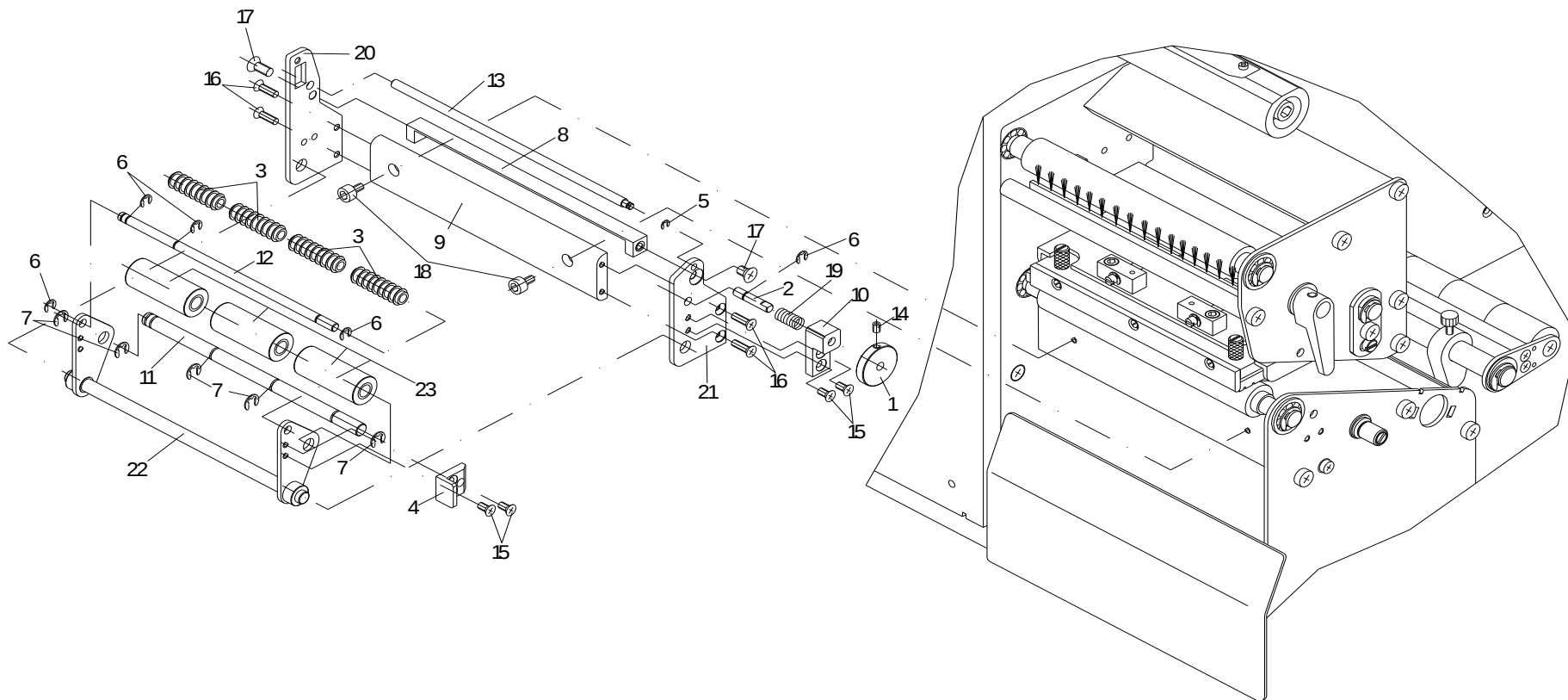
SPECTRA II 10X, OPTION, NO RETROFIT POSSIBLE

| Pos | Ident-No.  | Description1                    | Description2                       | Quantity |
|-----|------------|---------------------------------|------------------------------------|----------|
| 29  | 59.88.032  | Toothed belt wheel              | Spectra/SPE/SPX/Vita/Flexicode/ALP | 1        |
| 30* | 59.88.300  | Toothed belt                    | Spectra/Vita/ILX 10X               | 1        |
| 31* | 59.88.301  | Toothed belt                    | Spectra/DPM III c                  | 1        |
| 32  | 70.39.406  | Power electronics               |                                    | 1        |
| 33  | 71.88.015A | Photocell ribbon saving         | Spectra II/LPM II/SPE II           | 1        |
| 34  | 71.88.401A | Stepper motor for ribbon saving | Spectra II                         | 1        |
| 35  | 71.88.405A | Stepper motor, transfer ribbon  | Spectra II                         | 1        |
| 36* | 72.88.034  | Toothed belt wheel cpl          | Spectra/SPE/SPX/Vita/ILX 10X       | 2        |
| 37  | 72.88.401A | Washer cpl                      | Spectra II 10X/SPE II 107          | 1        |
| 38  | 72.88.425  | Sole plate ribbon saving cpl    | Spectra/SPE/Duoprint               | 1        |

\*Recommended spare part

## 90.88.850

DISPENSER WITHOUT PHOTOCELL  
SPECTRA/SPECTRA II 10X, OPTION



## 90.88.850

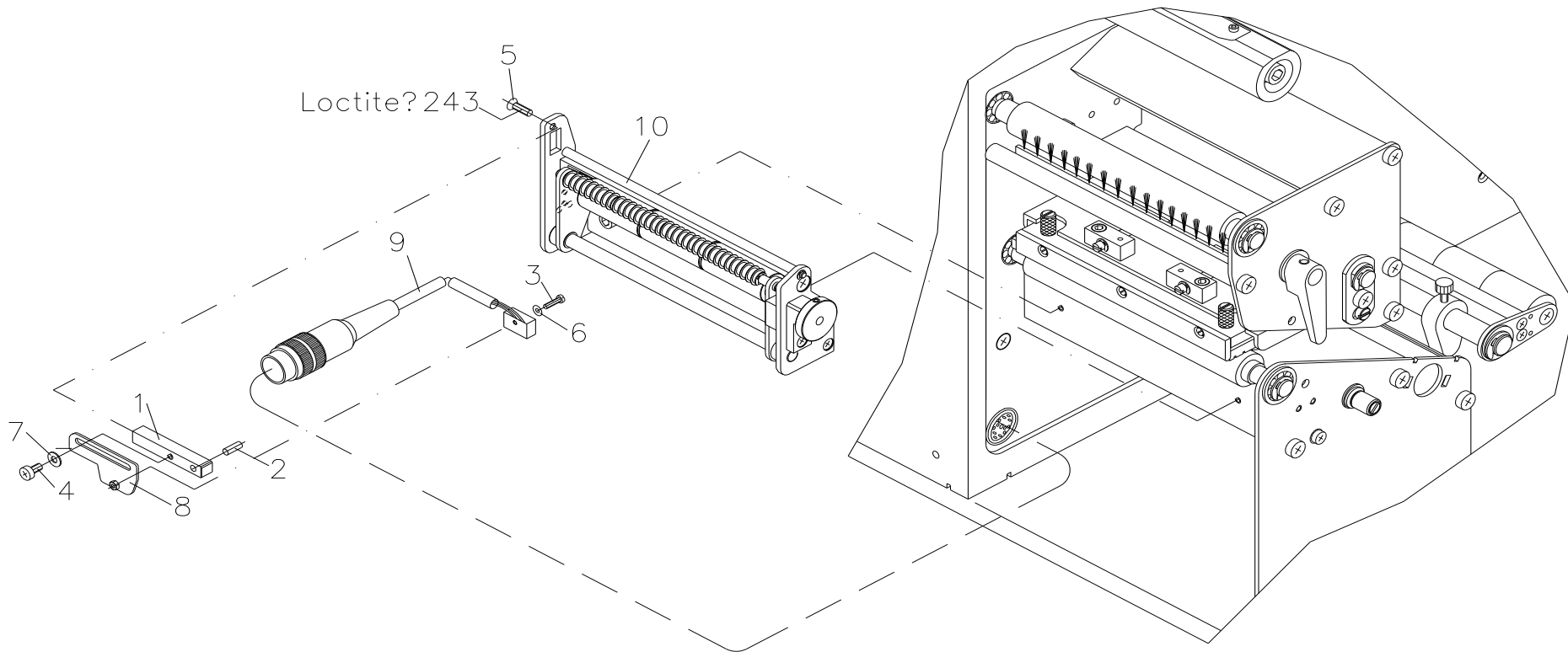
### DISPENSER WITHOUT PHOTOCELL SPECTRA/SPECTRA II 10X, OPTION

| Pos | Ident-No. | Description1                | Description2                              | Quantity |
|-----|-----------|-----------------------------|-------------------------------------------|----------|
| 1   | 10.55.306 | Knurled knob green          | Spectra II                                | 1        |
| 2   | 12.88.501 | Pin                         | Spectra/SPE/ILX                           | 1        |
| 3   | 16.88.505 | Dispenser roller            | Spectra                                   | 4        |
| 4   | 16.88.510 | Lever                       | Spectra/SPE/Vario/ILX                     | 1        |
| 5   | 40.01.002 | Shaft protection 2.3 mm     |                                           | 1        |
| 6   | 40.01.003 | Shaft protection 3.2 mm     |                                           | 5        |
| 7   | 40.01.004 | Shaft protection 4 mm       |                                           | 5        |
| 8   | 45.88.501 | Dispensing pillar           | Spectra/Vita                              | 1        |
| 9   | 45.88.505 | STRUT                       |                                           | 1        |
| 10  | 45.88.510 | Bearing                     | Spectra/SPE/ILX                           | 1        |
| 11  | 46.88.505 | Shaft for pressure roller   | Spectra                                   | 1        |
| 12  | 46.88.510 | Roller shaft for dispenser  | Spectra                                   | 1        |
| 13  | 46.88.515 | Dispenser shaft             | Spectra/Vita                              | 1        |
| 14  | 48.10.004 | Setscrew M3x4               |                                           | 1        |
| 15  | 48.15.003 | Countersunk screw M3x6      |                                           | 4        |
| 16  | 48.15.310 | Countersunk screw M3x10     |                                           | 4        |
| 17  | 48.15.406 | Countersunk screw M4 x 6    |                                           | 2        |
| 18  | 48.16.306 | Socket cap screw M3x6       |                                           | 2        |
| 19  | 52.01.019 | Compression spring          | Vario/Pica/Spectra/for dispenser unit ILX | 1        |
| 20  | 67.88.501 | DISPENSING PLATE LEFT SIDE  |                                           | 1        |
| 21  | 67.88.505 | DISPENSING PLATE RIGHT SIDE |                                           | 1        |
| 22  | 72.88.510 | Pressure shaft cpl          | Spectra                                   | 1        |
| 23* | 72.88.520 | Pressure roller cpl         | Spectra/SPE/ILX                           | 3        |

\*Recommended spare part

## 90.88.855

DISPENSER WITH PHOTOCELL  
SPECTRA/SPECTRA II 10X, OPTION



## 90.88.855

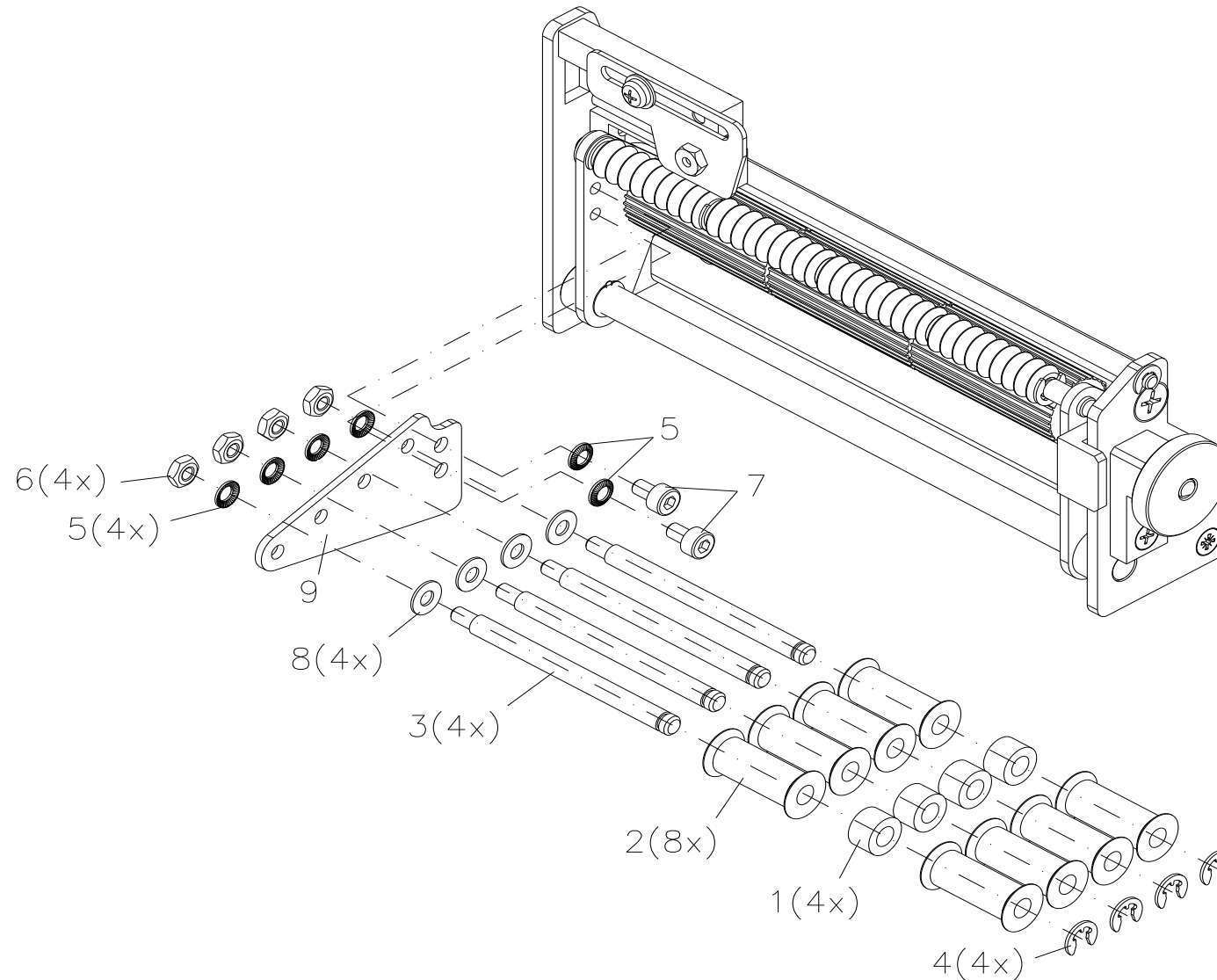
### DISPENSER WITH PHOTOCELL SPECTRA/SPECTRA II 10X, OPTION

| Pos | Ident-No. | Description1                | Description2                   | Quantity |
|-----|-----------|-----------------------------|--------------------------------|----------|
| 1   | 12.88.505 | Pillar                      | Spectra                        | 1        |
| 2   | 42.05.001 | Grooved taper pin 3 x 8 mm  |                                | 1        |
| 3   | 48.04.208 | Screw M2x8                  |                                | 1        |
| 4   | 48.14.306 | Pan screw M3x6              |                                | 1        |
| 5   | 48.15.310 | Countersunk screw M3x10     |                                | 1        |
| 6   | 50.01.009 | Lock washer 5x2x0.3         |                                | 1        |
| 7   | 50.01.057 | Lock washer 3.2             |                                | 1        |
| 8   | 67.88.515 | Slider                      | Spectra                        | 1        |
| 9   | 71.88.501 | Dispensing photocell cpl    | Spectra                        | 1        |
| 10  | 90.88.850 | Dispenser without photocell | Spectra/Spectra II 10X, option | 1        |

\*Recommended spare part

## 90.88.858

### SUPPORT ROLLERS FOR DISPENSER SPECTRA/SPECTRA II, OPTION



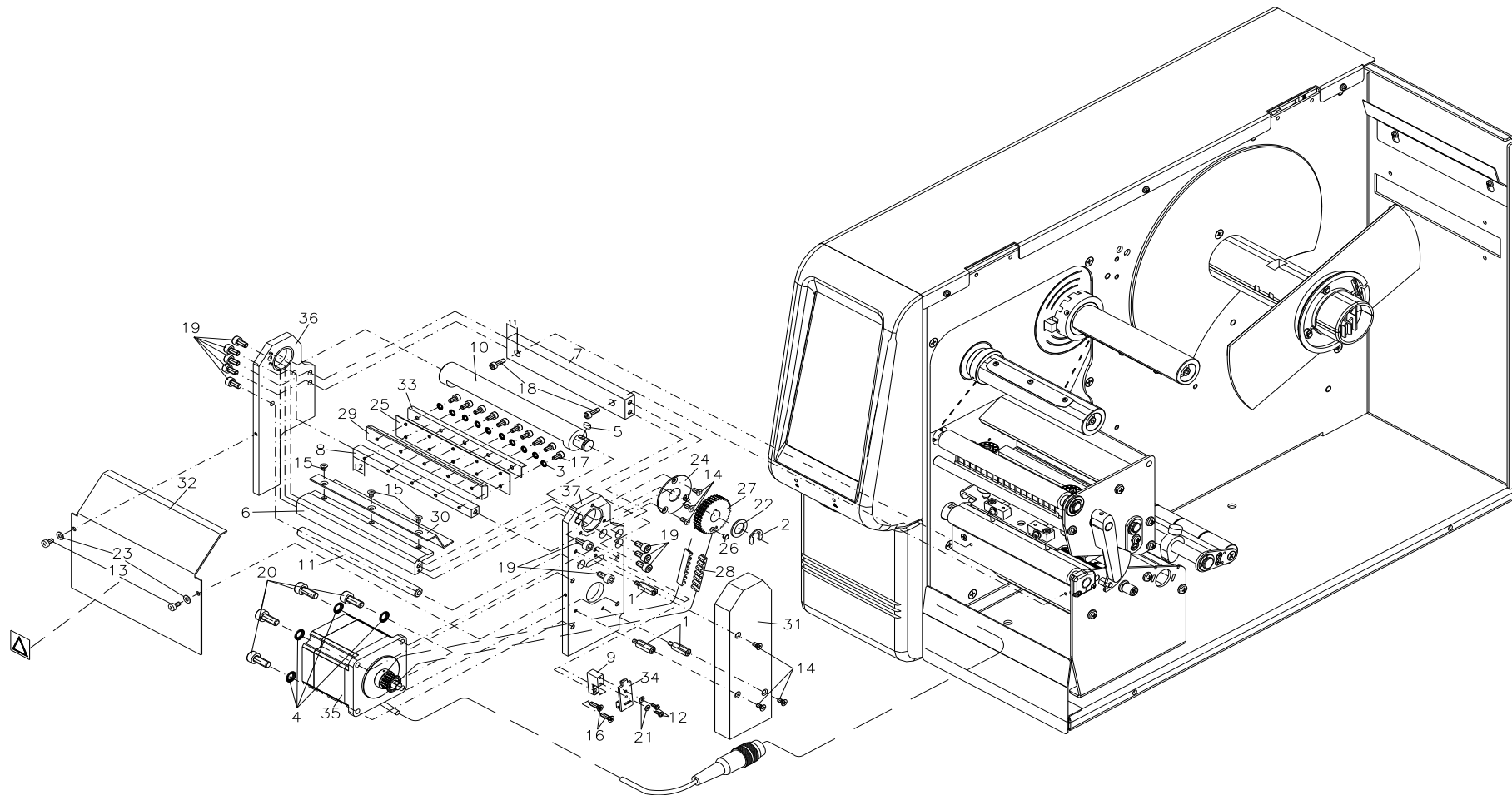
## 90.88.858

### SUPPORT ROLLERS FOR DISPENSER SPECTRA/SPECTRA II, OPTION

| Pos | Ident-No.  | Description1                    | Description2              | Quantity |
|-----|------------|---------------------------------|---------------------------|----------|
| 1   | 10.41.008  | Spacer sleeve 8x4.2x5mm         |                           | 4        |
| 2   | 10.63.004  | Roller                          | Pica/Vario                | 8        |
| 3   | 12.28.001  | Bearing pillar                  | Pica/Vario III/Spectra II | 4        |
| 4   | 40.01.003  | Shaft protection 3.2 mm         |                           | 4        |
| 5   | 41.03.003V | Lock washer M3 stainless        |                           | 6        |
| 6   | 47.04.001V | Hexagon nut M3 stainless        |                           | 4        |
| 7   | 48.16.305V | Socket cap screw M3x5 stainless |                           | 2        |
| 8   | 50.01.057V | Washer 3.2 stainless            |                           | 4        |
| 9   | 67.88.558  | SOLE PLATE                      |                           | 1        |

\*Recommended spare part

**90.88.860A**  
**CUTTER UNIT**  
**SPECTRA II 10X, OPTION**



## 90.88.860A

### CUTTER UNIT

### SPECTRA II 10X, OPTION

| Pos | Ident-No.  | Description1             | Description2                        | Quantity |
|-----|------------|--------------------------|-------------------------------------|----------|
| 1   | 12.88.615  | Distance bolt M3x15      | Spectra                             | 3        |
| 2   | 40.01.007  | Shaft protection 7 mm    |                                     | 1        |
| 3   | 41.03.003  | Lock washer M3           |                                     | 10       |
| 4   | 41.03.004  | Lock washer M4           |                                     | 4        |
| 5   | 43.07.030  | Spring 3 x 6 mm          |                                     | 1        |
| 6   | 45.88.610  | Angle strut              | Spectra 107/Spectra 108             | 1        |
| 7   | 45.88.615  | Strut                    | Spectra 107/Spectra 108             | 1        |
| 8   | 45.88.620  | Spacer pillar            | Spectra 107/Spectra 108             | 1        |
| 9   | 45.88.630A | Sensor bracket           | Spectra II                          | 1        |
| 10  | 46.88.601  | Cutter shaft             | Spectra 107/Spectra 108             | 1        |
| 11  | 46.88.605  | Spacer shaft             | Spectra 107/Spectra 108             | 1        |
| 12  | 48.14.105V | Pan screw M2x5 stainless |                                     | 2        |
| 13  | 48.14.306  | Pan screw M3x6           |                                     | 2        |
| 14  | 48.15.003  | Countersunk screw M3x6   |                                     | 6        |
| 15  | 48.15.304  | Countersunk screw M3x4   |                                     | 3        |
| 16  | 48.15.310  | Countersunk screw M3x10  |                                     | 2        |
| 17  | 48.16.306  | Socket cap screw M3x6    |                                     | 10       |
| 18  | 48.16.310  | Socket cap screw M3x10   |                                     | 2        |
| 19  | 48.16.408  | Socket cap screw M4x8    |                                     | 10       |
| 20  | 48.16.410  | Socket cap screw M4x10   |                                     | 4        |
| 21  | 50.01.009  | Lock washer 5x2x0.3      |                                     | 2        |
| 22  | 50.01.011  | Washer 10x16x1.0         |                                     | 1        |
| 23  | 50.01.057  | Lock washer 3.2          |                                     | 2        |
| 24  | 50.88.605  | Washer                   | Spectra 108/Spectra 162/Spectra 216 | 1        |
| 25  | 52.88.601  | Spring sheet             | Spectra 107/Spectra 108             | 1        |
| 26  | 57.05.060  | MAGNET                   |                                     | 1        |
| 27  | 59.88.035  | Toothed belt wheel       | Spectra 108/Spectra 162             | 1        |
| 28* | 59.88.225  | Toothed belt             | Spectra                             | 1        |

\*Recommended spare part

## 90.88.860A

### CUTTER UNIT

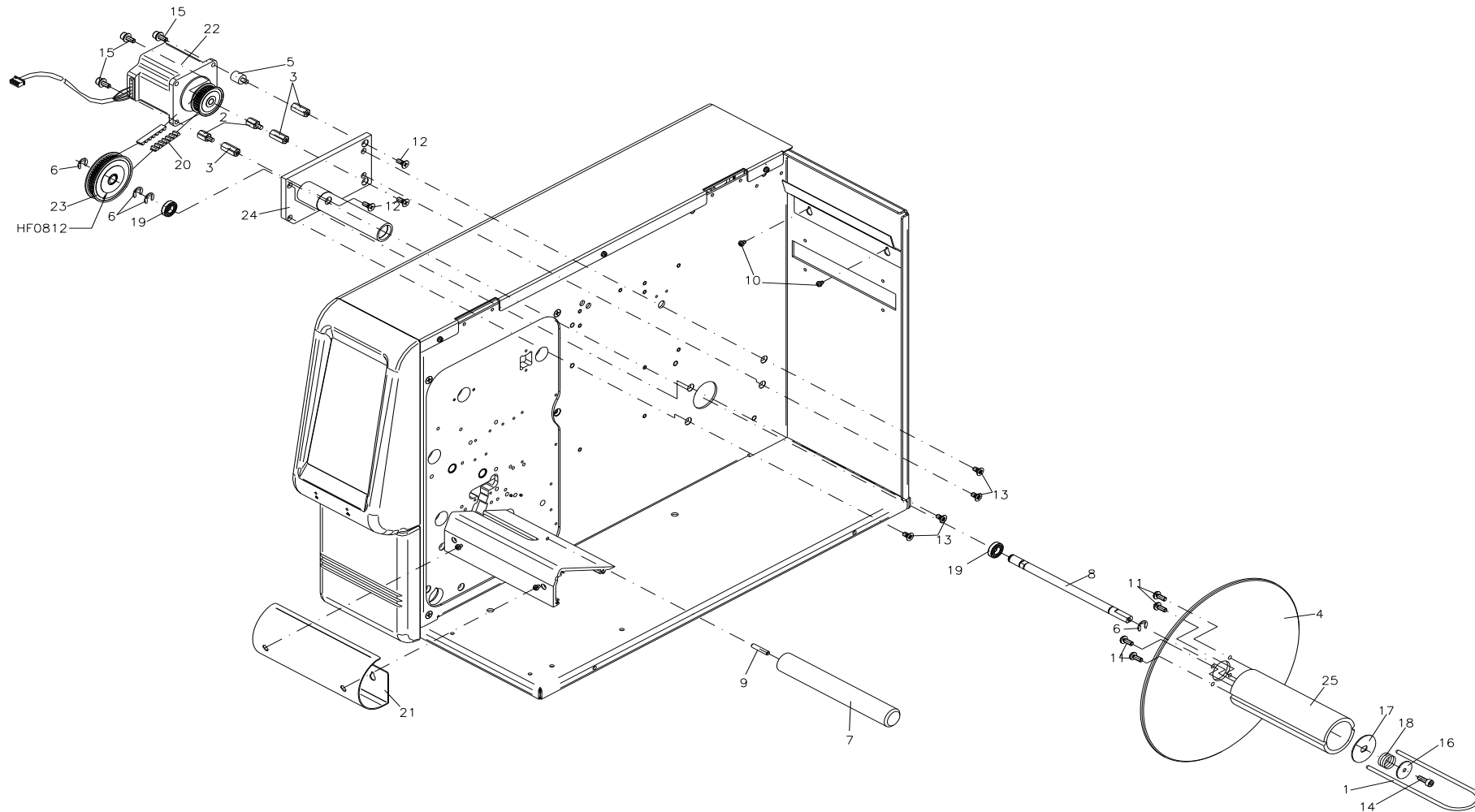
### SPECTRA II 10X, OPTION

| Pos | Ident-No.  | Description1            | Description2                        | Quantity |
|-----|------------|-------------------------|-------------------------------------|----------|
| 29  | 67.88.601  | Cutter ledge            | Spectra 107/Spectra 108             | 1        |
| 30  | 67.88.605  | Angle                   | Spectra 162                         | 1        |
| 31  | 67.88.610  | Cover                   | Spectra 108/Spectra 162/Spectra 216 | 1        |
| 32  | 67.88.620  | Front sheet             | Spectra 107/Spectra 108             | 1        |
| 33  | 67.88.630  | Angle, above            | Spectra 107/Spectra 108             | 1        |
| 34  | 70.39.085  | Hall sensor cpl         | Spectra II                          | 1        |
| 35  | 71.88.601A | Motor cpl               | Spectra 107/Spectra 108/Spectra 162 | 1        |
| 36  | 72.88.610  | Cutter plate cpl, left  | Spectra 108/Spectra 162             | 1        |
| 37  | 72.88.615  | Cutter plate cpl, right | Spectra 108/Spectra 162             | 1        |

\*Recommended spare part

## 90.88.870A

INTERNAL REWINDER, OUTSIDE WINDING  
SPECTRA II 103/104/106/108, OPTION



## 90.88.870A

INTERNAL REWINDER, OUTSIDE WINDING  
SPECTRA II 103/104/106/108, OPTION

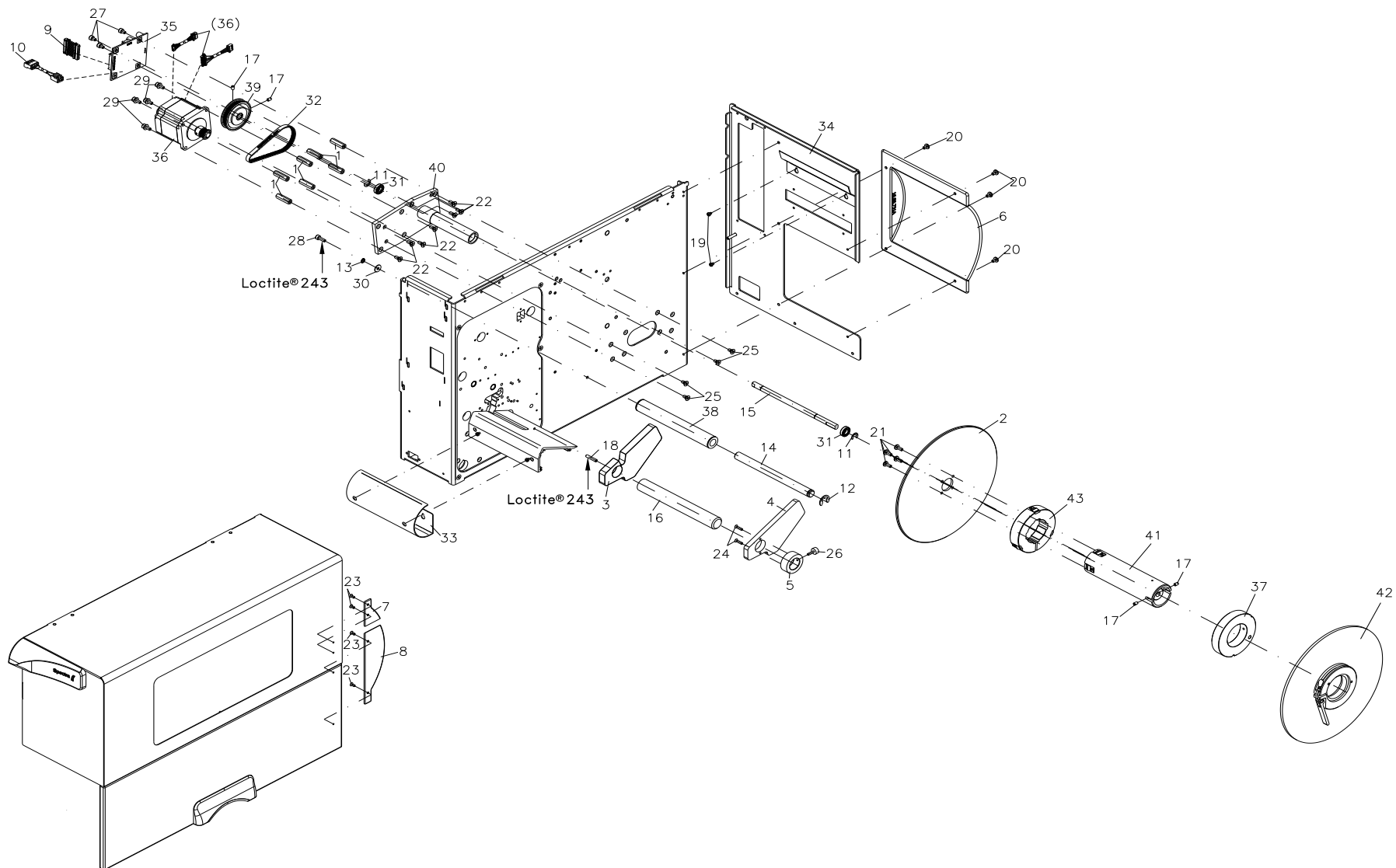
| Pos | Ident-No.  | Description1                      | Description2                                      | Quantity |
|-----|------------|-----------------------------------|---------------------------------------------------|----------|
| 1*  | 12.15.035  | Clasp                             | Spectra/Vario/PR28/PR48/PR49                      | 1        |
| 2   | 12.40.410  | Distance bolt M4x10               |                                                   | 2        |
| 3   | 12.40.417  | Distance bolt M4x17               | Spectra/SPE                                       | 3        |
| 4   | 16.88.710A | PLATE                             |                                                   | 1        |
| 5   | 37.28.010  | Vibration absorption              | Spectra/SPE/SPX                                   | 1        |
| 6   | 40.01.006V | Shaft protection 6 mm stainless   |                                                   | 4        |
| 7   | 46.81.910  | Return pulley                     | PA80/Spectra II 10X                               | 1        |
| 8   | 46.88.701A | Bearing shaft                     | Spectra II 10X                                    | 1        |
| 9   | 48.10.420V | Setscrew M4x20 stainless          |                                                   | 1        |
| 10  | 48.14.304V | Pan screw M3x4 stainless          |                                                   | 2        |
| 11  | 48.14.410V | Pan screw M4x10 stainless         |                                                   | 4        |
| 12  | 48.15.002V | Pan screw M4x10 stainless         |                                                   | 3        |
| 13  | 48.15.408V | Pan screw M4x8 stainless          |                                                   | 4        |
| 14  | 48.16.412V | Socket cap screw M4x12 stainless  |                                                   | 1        |
| 15  | 48.26.410V | Screw-and-washer assembly M4x10   |                                                   | 3        |
| 16  | 50.01.096V | Lock washer 4.3x20x1.25 stainless |                                                   | 1        |
| 17  | 50.15.005  | Brake washer                      | Spectra/Vario/Vita/ILX/Duoprint, only replacement | 1        |
| 18* | 52.01.007  | Compression spring                | Spectra/SPE/Vario/PR25/26/28/45/48/49/ILX         | 1        |
| 19* | 57.01.006  | Grooved ball bearing              |                                                   | 2        |
| 20* | 59.88.225  | Toothed belt                      | Spectra                                           | 1        |
| 21  | 67.88.135  | Rewinding plate                   | Spectra 107/Spectra 108                           | 1        |
| 22  | 71.88.702A | Stepper motor outside winding     | Spectra II                                        | 1        |
| 23* | 72.88.048  | Toothed belt wheel cpl            | Spectra/SPE/Vario/SPX/Vita/Flexicode/ILX/ALP      | 1        |
| 24  | 72.88.701  | Carrier plate cpl                 | Spectra                                           | 1        |
| 25  | 72.88.705  | Label rewinding roller cpl        | Spectra 10X/SPE 10X/ILX 10X                       | 1        |

\*Recommended spare part

# 90.88.872A

INTERNAL REWINDER 200/75

SPECTRA II 103/104/106/108, OPTION



## 90.88.872A

INTERNAL REWINDER 200/75

SPECTRA II 103/104/106/108, OPTION

| Pos | Ident-No.  | Description1                                    | Description2                      | Quantity |
|-----|------------|-------------------------------------------------|-----------------------------------|----------|
| 1   | 12.40.425  | DISTANCE BOLT M4 X 25                           |                                   | 7        |
| 2   | 16.88.710A | PLATE                                           |                                   | 1        |
| 3   | 16.88.725A | LABEL GUIDING INSIDE                            |                                   | 1        |
| 4   | 16.88.726A | LABEL GUIDING OUTSIDE                           |                                   | 1        |
| 5   | 16.88.727A | Bushing                                         | internal rewinder, Spectra II     | 1        |
| 6   | 16.88.731A | Cover behind coated                             | internal rewinder, Spectra II 10X | 1        |
| 7   | 16.88.737A | Disc for cover coated                           | internal rewinder, Spectra II     | 1        |
| 8   | 16.88.739A | Disc for cover coated                           | internal rewinder, Spectra II     | 1        |
| 9   | 28.79.010  | Connecting cable, motor signals CPU-distr plate | Flexicode/Spectra II              | 1        |
| 10  | 28.88.004A | CONNECTING CABLE                                |                                   | 1        |
| 11  | 40.01.006  | Shaft protection 6 mm                           |                                   | 2        |
| 12  | 40.01.009  | Shaft protection 9 mm                           |                                   | 1        |
| 13  | 41.03.004  | Lock washer M4                                  |                                   | 1        |
| 14  | 46.83.101  | Bearing pillar                                  | SPX 10X                           | 1        |
| 15  | 46.88.711A | Bearing shaft                                   | Spectra II 10X                    | 1        |
| 16  | 46.88.715A | Return pulley for internal rewinding            | Spectra II 10X                    | 1        |
| 17  | 48.10.406V | Setscrew M4x6 stainless                         |                                   | 4        |
| 18  | 48.10.420V | Setscrew M4x20 stainless                        |                                   | 1        |
| 19  | 48.14.304V | Pan screw M3x4 stainless                        |                                   | 2        |
| 20  | 48.14.406  | Pan screw M4x6                                  |                                   | 4        |
| 21  | 48.14.410V | Pan screw M4x10 stainless                       |                                   | 4        |
| 22  | 48.15.002  | Pan screw M4x10                                 |                                   | 7        |
| 23  | 48.15.003  | Countersunk screw M3x6                          |                                   | 4        |
| 24  | 48.15.312  | Countersunk screw M3x12                         |                                   | 2        |
| 25  | 48.15.408  | Pan screw M4 x 8                                |                                   | 4        |
| 26  | 48.16.020  | Knurled knob M3x12                              |                                   | 1        |
| 27  | 48.16.406  | Socket cap screw M4x6                           |                                   | 3        |
| 28  | 48.16.412  | Socket cap screw M4x12                          |                                   | 1        |

\*Recommended spare part

## 90.88.872A

INTERNAL REWINDER 200/75

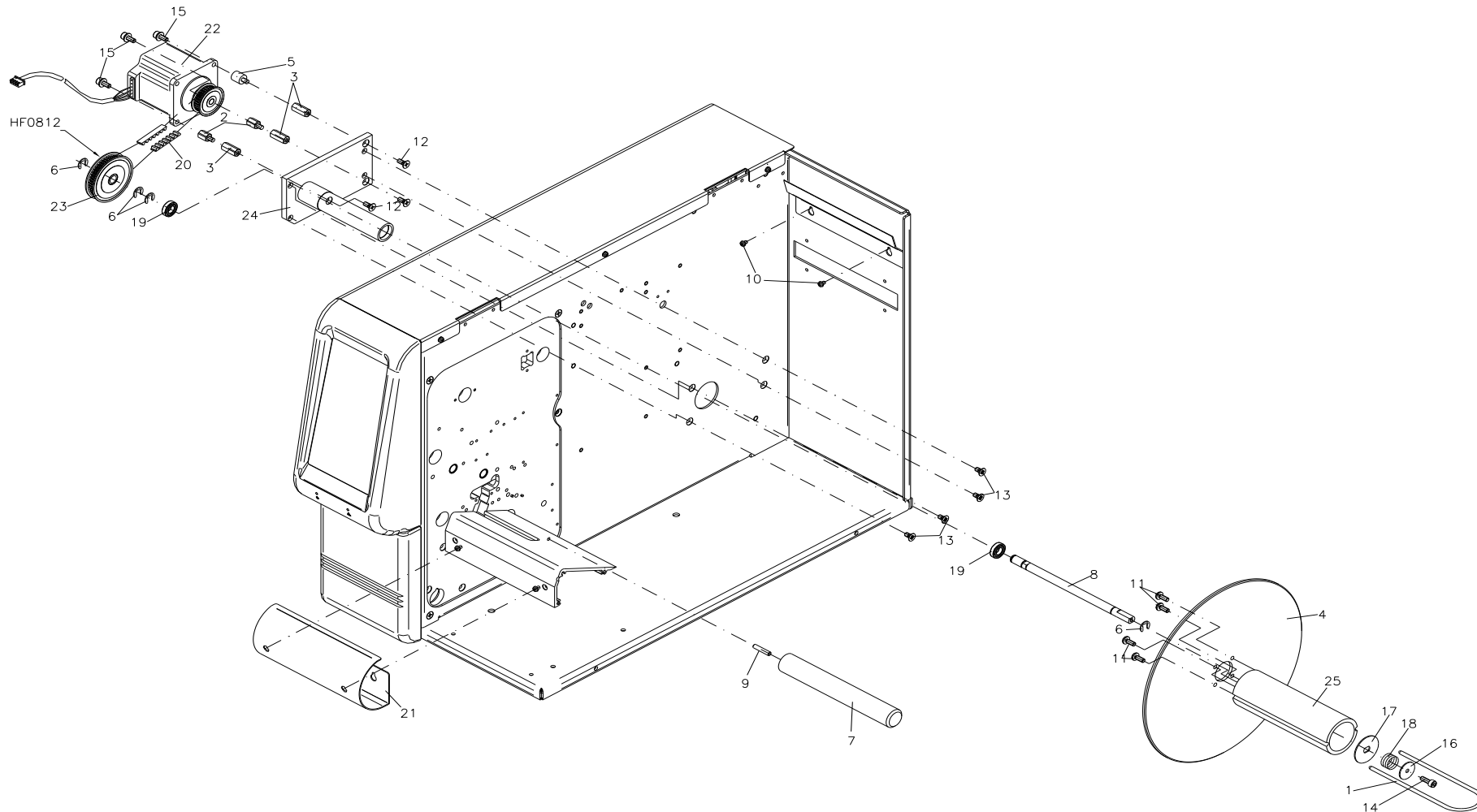
SPECTRA II 103/104/106/108, OPTION

| Pos | Ident-No.  | Description1                     | Description2                   | Quantity |
|-----|------------|----------------------------------|--------------------------------|----------|
| 29  | 48.26.410V | Screw-and-washer assembly M4x10  |                                | 4        |
| 30  | 50.01.046  | Lock washer M4                   |                                | 1        |
| 31* | 57.01.006  | Grooved ball bearing             |                                | 2        |
| 32* | 59.88.225  | Toothed belt                     | Spectra                        | 1        |
| 33  | 67.88.135  | Rewinding plate                  | Spectra 107/Spectra 108        | 1        |
| 34  | 67.88.705A | BACK PANEL OPEN                  | SPECTRA II 10X                 | 1        |
| 35  | 70.39.206  | CIRCUIT BOARD MOTOR              |                                | 1        |
| 36  | 71.88.705A | Stepper motor with encoder       | Spectra II, internal rewinder  | 1        |
| 37  | 72.15.061  | Add. toroidal for rewinder 75 mm |                                | 1        |
| 38  | 72.83.105  | Bogie wheel cpl                  | SPX 10X                        | 1        |
| 39  | 72.88.710  | Toothed belt wheel cpl           | Spectra                        | 1        |
| 40  | 72.88.711A | Carrier plate cpl                | Spectra II 10X                 | 1        |
| 41  | 72.88.721A | Label rewinding roller cpl       | Spectra II 10X                 | 1        |
| 42  | 72.88.735A | Washer cpl                       | Spectra II                     | 1        |
| 43  | 72.88.745A | Additional toroidal 75 mm cpl    | Spectra II, internal rewinding | 1        |

\*Recommended spare part

## 90.88.875A

INTERNAL REWINDER, INSIDE WINDING  
SPECTRA II 103/104/106/108, OPTION



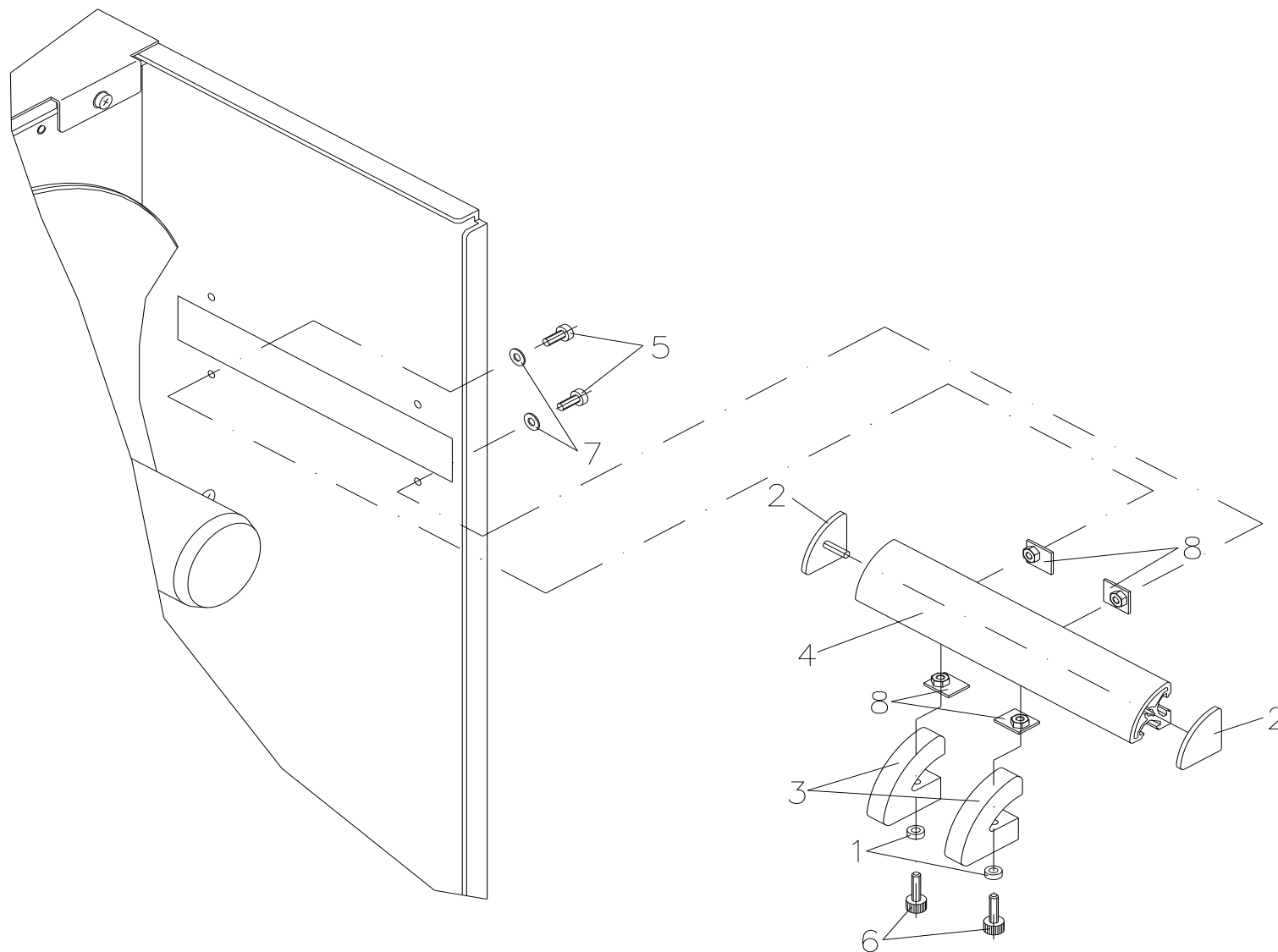
## 90.88.875A

INTERNAL REWINDER, INSIDE WINDING  
SPECTRA II 103/104/106/108, OPTION

| Pos | Ident-No.  | Description1                      | Description2                                      | Quantity |
|-----|------------|-----------------------------------|---------------------------------------------------|----------|
| 1*  | 12.15.035  | Clasp                             | Spectra/Vario/PR28/PR48/PR49                      | 1        |
| 2   | 12.40.410  | Distance bolt M4x10               |                                                   | 2        |
| 3   | 12.40.417  | Distance bolt M4x17               | Spectra/SPE                                       | 3        |
| 4   | 16.88.710A | PLATE                             |                                                   | 1        |
| 5   | 37.28.010  | Vibration absorption              | Spectra/SPE/SPX                                   | 1        |
| 6   | 40.01.006V | Shaft protection 6 mm stainless   |                                                   | 4        |
| 7   | 46.81.910  | Return pulley                     | PA80/Spectra II 10X                               | 1        |
| 8   | 46.88.701A | Bearing shaft                     | Spectra II 10X                                    | 1        |
| 9   | 48.10.420V | Setscrew M4x20 stainless          |                                                   | 1        |
| 10  | 48.14.304V | Pan screw M3x4 stainless          |                                                   | 2        |
| 11  | 48.14.410V | Pan screw M4x10 stainless         |                                                   | 4        |
| 12  | 48.15.002V | Pan screw M4x10 stainless         |                                                   | 3        |
| 13  | 48.15.408V | Pan screw M4x8 stainless          |                                                   | 4        |
| 14  | 48.16.412V | Socket cap screw M4x12 stainless  |                                                   | 1        |
| 15  | 48.26.410V | Screw-and-washer assembly M4x10   |                                                   | 3        |
| 16  | 50.01.096V | Lock washer 4.3x20x1.25 stainless |                                                   | 1        |
| 17  | 50.15.005  | Brake washer                      | Spectra/Vario/Vita/ILX/Duoprint, only replacement | 1        |
| 18* | 52.01.007  | Compression spring                | Spectra/SPE/Vario/PR25/26/28/45/48/49/ILX         | 1        |
| 19* | 57.01.006  | Grooved ball bearing              |                                                   | 2        |
| 20* | 59.88.225  | Toothed belt                      | Spectra                                           | 1        |
| 21  | 67.88.135  | Rewinding plate                   | Spectra 107/Spectra 108                           | 1        |
| 22  | 71.88.701A | Stepper motor inside winding      | Spectra II                                        | 1        |
| 23  | 72.88.049  | Toothed belt wheel cpl            | Spectra/SPE/SPX/Flexicode/ILX                     | 1        |
| 24  | 72.88.701  | Carrier plate cpl                 | Spectra                                           | 1        |
| 25  | 72.88.705  | Label rewinding roller cpl        | Spectra 10X/SPE 10X/ILX 10X                       | 1        |

\*Recommended spare part

**90.88.890**  
**LEPORELLO GUIDING**  
**SPECTRA/SPECTRA II 10X, OPTION**



**90.88.890**

**LEPORELLO GUIDING**

**SPECTRA/SPECTRA II 10X, OPTION**

| Pos | Ident-No. | Description1        | Description2      | Quantity |
|-----|-----------|---------------------|-------------------|----------|
| 1   | 10.55.005 | Spacer ring         | Vario/Spectra     | 2        |
| 2   | 16.55.005 | Cover               | Vario/Spectra/SPE | 2        |
| 3   | 16.55.060 | Label guiding       | Vario/Spectra     | 2        |
| 4   | 45.55.005 | F profile 133 mm    | Vario/Spectra     | 1        |
| 5   | 48.14.308 | Pan screw M3x8      |                   | 2        |
| 6*  | 48.16.005 | Knurled screw M3x12 |                   | 2        |
| 7   | 50.01.057 | Lock washer 3.2     |                   | 2        |
| 8   | 67.55.101 | Dome nut            | Vario/Spectra     | 4        |

\*Recommended spare part

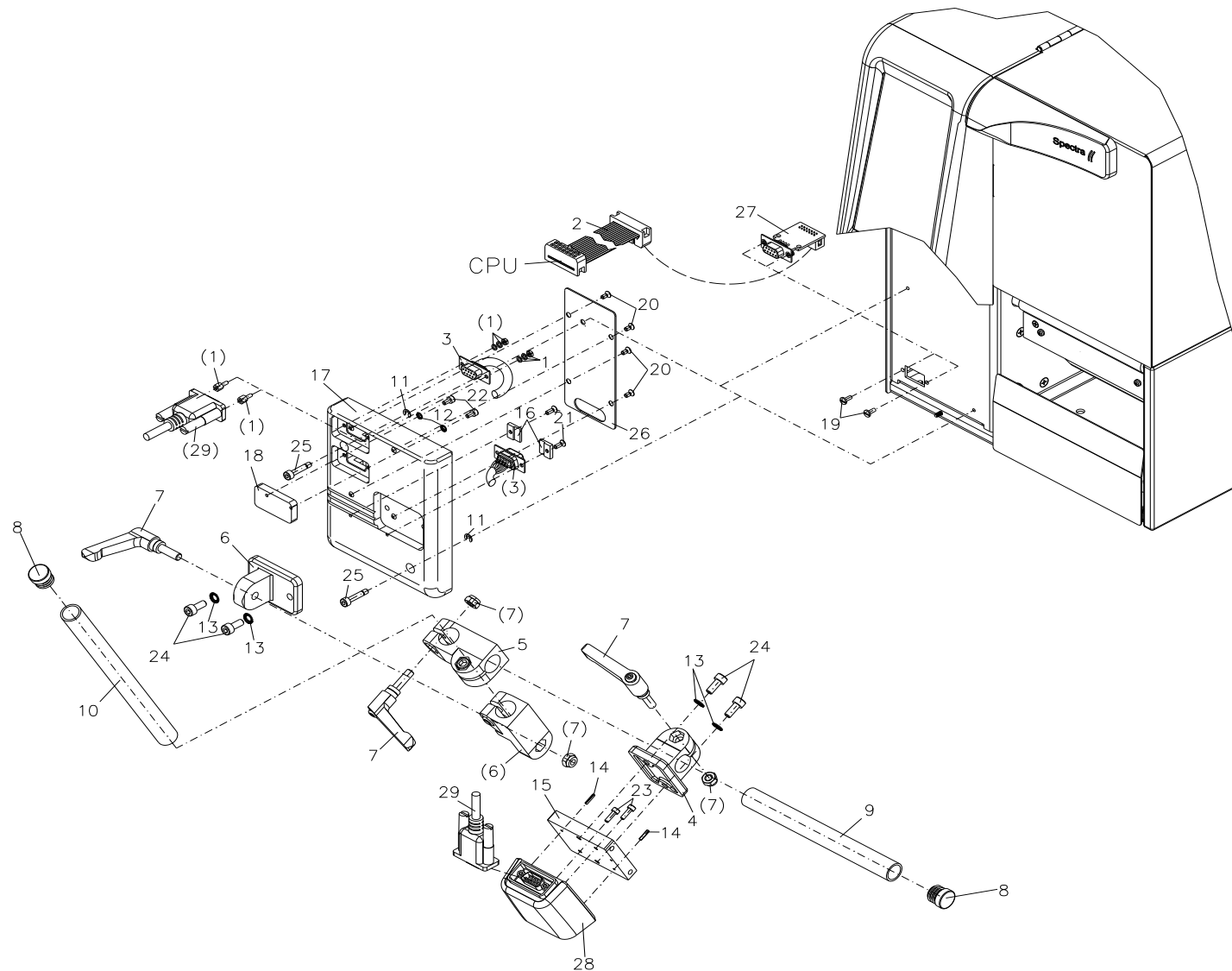
Modifications and errors excepted

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## 90.88.900A

### SCANNER DS457 AND HOLDER SPECTRA II, OPTION



## 90.88.900A

### SCANNER DS457 AND HOLDER SPECTRA II, OPTION

| Pos | Ident-No.  | Description1                         | Description2         | Quantity |
|-----|------------|--------------------------------------|----------------------|----------|
| 1   | 25.04.100  | SUB-D fixing set                     |                      | 1        |
| 2   | 28.56.043  | Connecting cable, RS232-CPU          |                      | 1        |
| 3   | 28.88.907A | Connecting cable, scanner DS457      | Spectra II/Vario III | 1        |
| 4   | 37.48.900  | Clamp 16 mm                          |                      | 1        |
| 5   | 37.48.902  | Angle 16 mm                          |                      | 1        |
| 6   | 37.48.904  | Clamp 16 mm                          |                      | 1        |
| 7   | 37.48.906  | Lever set M6-22                      |                      | 3        |
| 8   | 37.48.908  | Sealing end 16 mm                    |                      | 2        |
| 9   | 37.48.912  | Stainless steel tube 16 x 150 mm     |                      | 1        |
| 10  | 37.48.914  | Stainless steel tube 16 x 200 mm     |                      | 1        |
| 11  | 40.01.003V | Shaft protection 3.2 mm stainless    |                      | 2        |
| 12  | 41.03.003V | Lock washer M3 stainless             |                      | 2        |
| 13  | 41.03.005V | Lock washer M5 stainless             |                      | 4        |
| 14  | 42.03.005  | Grooved taper pin 2x10               |                      | 2        |
| 15  | 45.48.912  | Scanner plate                        | Vita II/Vario III    | 1        |
| 16  | 45.48.914  | Clamping piece                       | Vita II/LPM II       | 2        |
| 17  | 45.88.912A | Front panel, bottom left             |                      | 1        |
| 18  | 45.88.922A | Filling piece                        | Spectra II/Vario III | 1        |
| 19  | 48.05.010  | Countersunk-head screw               |                      | 2        |
| 20  | 48.15.003V | Countersunk screw M3x6 stainless     |                      | 4        |
| 21  | 48.15.308V | Countersunk screw M3x8 stainless     |                      | 2        |
| 22  | 48.16.306V | Socket cap screw M3x6 stainless      |                      | 2        |
| 23  | 48.16.310V | Socket cap screw M3x10 stainless     |                      | 2        |
| 24  | 48.16.514V | Socket cap screw M5x14 stainless     |                      | 4        |
| 25  | 48.88.912A | Socket cap screw processed           | Spectra II           | 2        |
| 26  | 67.88.912A | Cover                                | Spectra II           | 1        |
| 27  | 70.39.073  | Circuit board TTL                    | Scanner DS457        | 1        |
| 28  | 85.04.041  | Bar code scanner DS457-HD programmed |                      | 1        |

\*Recommended spare part

## 90.88.900A

SCANNER DS457 AND HOLDER

SPECTRA II, OPTION

| Pos | Ident-No. | Description1                | Description2          | Quantity |
|-----|-----------|-----------------------------|-----------------------|----------|
| 29  | 85.04.042 | CONNECTION LINE SERIAL 1,8M | FOR MOTOROLA DS457-HD | 1        |

\*Recommended spare part

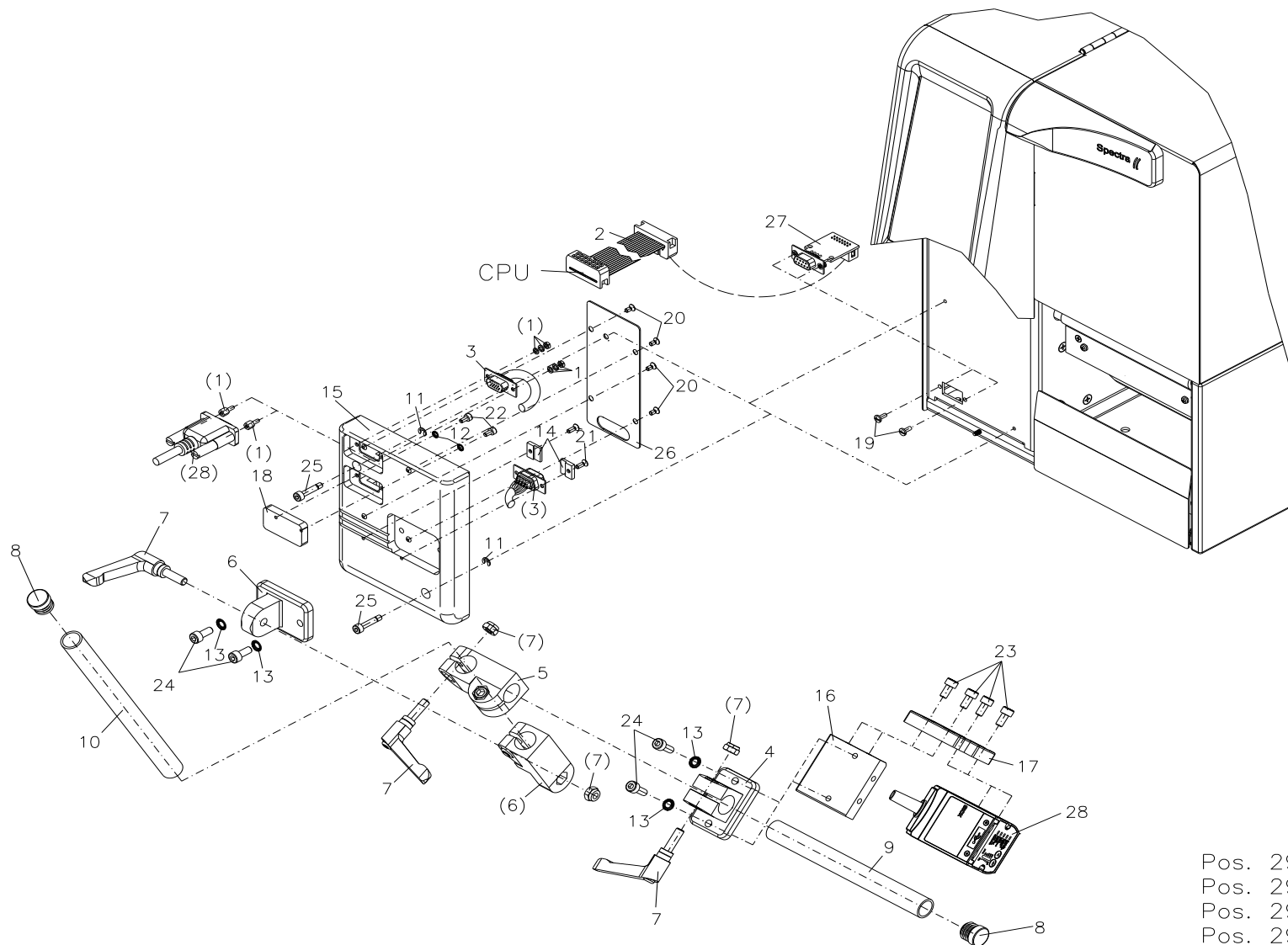
Modifications and errors excepted

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## 90.88.902A

### SCANNER ICR620 E AND HOLDER SPECTRA II, OPTION



Pos. 29 nicht gezeichnet!  
Pos. 29 not illustrated!  
Pos. 29 pas illustré!  
Pos. 29 sin ilustración!

## 90.88.902A

### SCANNER ICR620 E AND HOLDER SPECTRA II, OPTION

| Pos | Ident-No.  | Description1                       | Description2         | Quantity |
|-----|------------|------------------------------------|----------------------|----------|
| 1   | 25.04.100  | SUB-D fixing set                   |                      | 1        |
| 2   | 28.56.043  | Connecting cable, RS232-CPU        |                      | 1        |
| 3   | 28.88.906A | Connecting cable, scanner ICR620 E | Spectra II/Vario II  | 1        |
| 4   | 37.48.900  | Clamp 16 mm                        |                      | 1        |
| 5   | 37.48.902  | Angle 16 mm                        |                      | 1        |
| 6   | 37.48.904  | Clamp 16 mm                        |                      | 1        |
| 7   | 37.48.906  | Lever set M6-22                    |                      | 3        |
| 8   | 37.48.908  | Sealing end 16 mm                  |                      | 2        |
| 9   | 37.48.912  | Stainless steel tube 16 x 150 mm   |                      | 1        |
| 10  | 37.48.914  | Stainless steel tube 16 x 200 mm   |                      | 1        |
| 11  | 40.01.003V | Shaft protection 3.2 mm stainless  |                      | 2        |
| 12  | 41.03.003V | Lock washer M3 stainless           |                      | 2        |
| 13  | 41.03.005V | Lock washer M5 stainless           |                      | 4        |
| 14  | 45.48.914  | Clamping piece                     | Vita II/LPM II       | 2        |
| 15  | 45.88.912A | Front panel, bottom left           |                      | 1        |
| 16  | 45.88.916A | Scanner plate                      | Spectra II/Vario III | 1        |
| 17  | 45.88.918A | Scanner bracket                    | Spectra II/Vario III | 1        |
| 18  | 45.88.922A | Filling piece                      | Spectra II/Vario III | 1        |
| 19  | 48.05.010  | Countersunk-head screw             |                      | 2        |
| 20  | 48.15.003V | Countersunk screw M3x6 stainless   |                      | 4        |
| 21  | 48.15.308V | Countersunk screw M3x8 stainless   |                      | 2        |
| 22  | 48.16.306V | Socket cap screw M3x6 stainless    |                      | 2        |
| 23  | 48.16.510V | SCREW A2                           | M5x10                | 4        |
| 24  | 48.16.514V | Socket cap screw M5x14 stainless   |                      | 4        |
| 25  | 48.88.912A | Socket cap screw processed         | Spectra II           | 2        |
| 26  | 67.88.912A | Cover                              | Spectra II           | 1        |
| 27  | 70.39.071  | Circuit board RS232                |                      | 1        |
| 28  | 85.03.021  | 2D CODE READER ICR620E-H12013      | PROGRAMMED           | 1        |

\*Recommended spare part

## 90.88.902A

SCANNER ICR620 E AND HOLDER  
SPECTRA II, OPTION

| Pos | Ident-No.  | Description1      | Description2 | Quantity |
|-----|------------|-------------------|--------------|----------|
| 29  | 89.02.0028 | DATA CABLE UBS 2M |              | 1        |

\*Recommended spare part

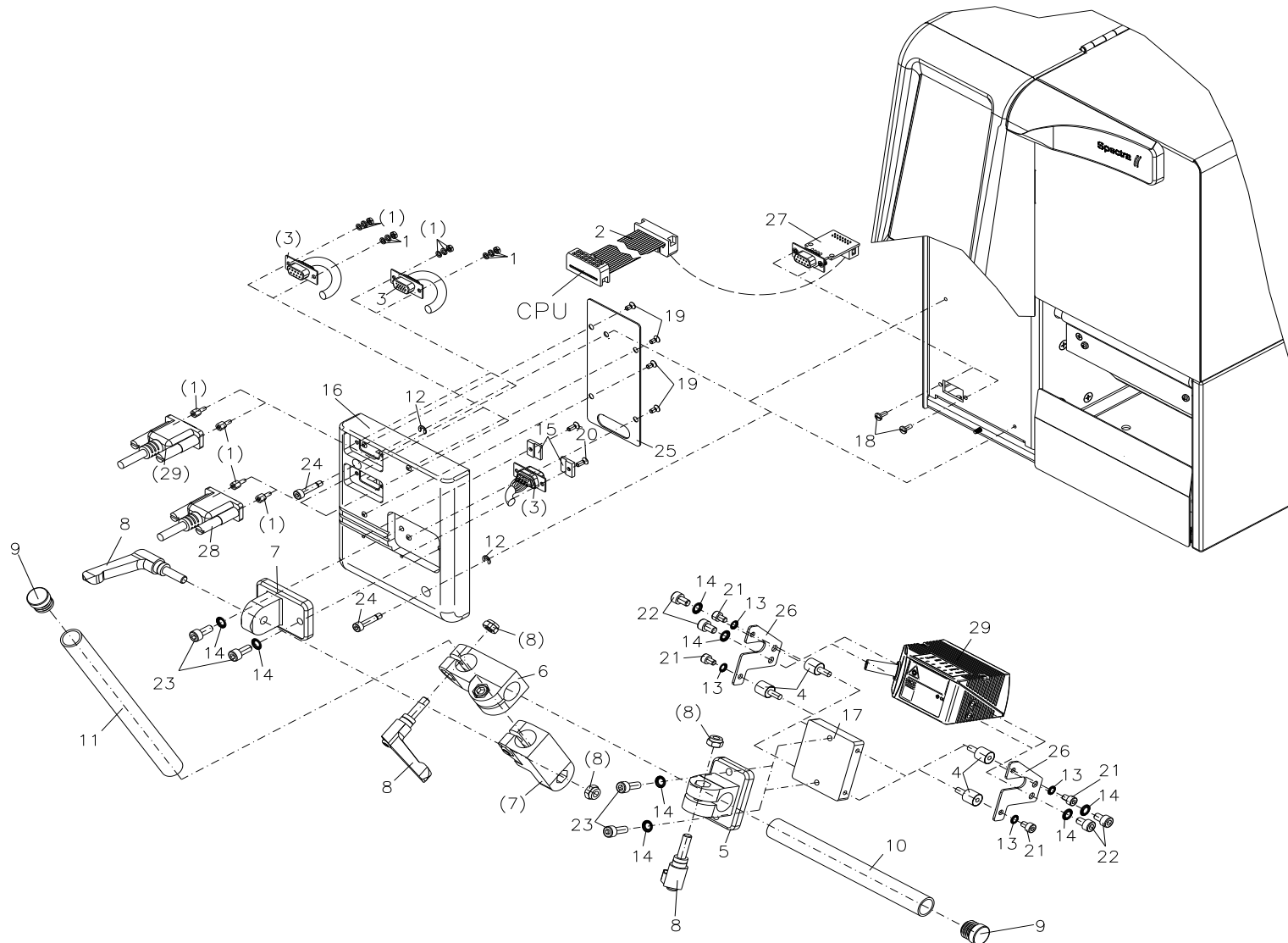
Modifications and errors excepted

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# 90.88.904A

## SCANNER CLV622 AND HOLDER SPECTRA II, OPTION



## 90.88.904A

### SCANNER CLV622 AND HOLDER SPECTRA II, OPTION

| Pos | Ident-No.  | Description1                                 | Description2          | Quantity |
|-----|------------|----------------------------------------------|-----------------------|----------|
| 1   | 25.04.100  | SUB-D fixing set                             |                       | 1        |
| 2   | 28.56.043  | Connecting cable, RS232-CPU                  |                       | 1        |
| 3   | 28.88.905A | Connecting/programming cable, scanner CLV622 |                       | 1        |
| 4   | 37.28.010  | Vibration absorption                         | Spectra/SPE/SPX       | 4        |
| 5   | 37.48.900  | Clamp 16 mm                                  |                       | 1        |
| 6   | 37.48.902  | Angle 16 mm                                  |                       | 1        |
| 7   | 37.48.904  | Clamp 16 mm                                  |                       | 1        |
| 8   | 37.48.906  | Lever set M6-22                              |                       | 3        |
| 9   | 37.48.908  | Sealing end 16 mm                            |                       | 2        |
| 10  | 37.48.912  | Stainless steel tube 16 x 150 mm             |                       | 1        |
| 11  | 37.48.914  | Stainless steel tube 16 x 200 mm             |                       | 1        |
| 12  | 40.01.003V | Shaft protection 3.2 mm stainless            |                       | 2        |
| 13  | 41.03.004V | Lock washer M4 stainless                     |                       | 4        |
| 14  | 41.03.005V | Lock washer M5 stainless                     |                       | 8        |
| 15  | 45.48.914  | Clamping piece                               | Vita II/LPM II        | 2        |
| 16  | 45.88.912A | Front panel, bottom left                     |                       | 1        |
| 17  | 45.88.914A | SCANNER PLATE CLV622                         | SPECTRA II            | 1        |
| 18  | 48.05.010  | Countersunk-head screw                       |                       | 2        |
| 19  | 48.15.003V | Countersunk screw M3x6 stainless             |                       | 4        |
| 20  | 48.15.308V | Countersunk screw M3x8 stainless             |                       | 2        |
| 21  | 48.16.406V | Socket cap screw M4x6 stainless              |                       | 4        |
| 22  | 48.16.508V | Socket cap screw M5x8 stainless              |                       | 4        |
| 23  | 48.16.514V | Socket cap screw M5x14 stainless             |                       | 4        |
| 24  | 48.88.912A | Socket cap screw processed                   | Spectra II            | 2        |
| 25  | 67.88.912A | Cover                                        | Spectra II            | 1        |
| 26  | 67.88.914A | Plate CLV622                                 | Spectra II            | 2        |
| 27  | 70.39.071  | Circuit board RS232                          |                       | 1        |
| 28  | 85.04.042  | CONNECTION LINE SERIAL 1,8M                  | FOR MOTOROLA DS457-HD | 1        |

\*Recommended spare part

## 90.88.904A

SCANNER CLV622 AND HOLDER  
SPECTRA II, OPTION

| Pos | Ident-No. | Description1                       | Description2 | Quantity |
|-----|-----------|------------------------------------|--------------|----------|
| 29  | 85.04.051 | Code reader CLV622-0000 programmed |              | 1        |

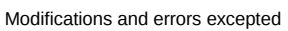
\*Recommended spare part

Modifications and errors excepted

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**TRANSFER RIBBON SAVING, NO RETROFIT POSSIBLE  
SPECTRA II 160, OPTION**



## 90.88.940A

TRANSFER RIBBON SAVING, NO RETROFIT POSSIBLE  
SPECTRA II 160, OPTION

| Pos | Ident-No.  | Description1                      | Description2                             | Quantity |
|-----|------------|-----------------------------------|------------------------------------------|----------|
| 1   | 10.88.015  | Spacer sleeve                     | Spectra/SPE/Vario/SPX/Vita               | 1        |
| 2*  | 10.88.020  | Eccentric bearing                 | Spectra/SPE/SPX/Vita/Duoprint/ILX        | 1        |
| 3   | 12.40.342  | DISTANCE BOLT M3 X 42             |                                          | 3        |
| 4   | 12.40.410  | Distance bolt M4x10               |                                          | 2        |
| 5   | 12.40.440  | Distance bolt M4x40               |                                          | 3        |
| 6   | 12.88.410  | Distance bolt M4x22.3             |                                          | 3        |
| 7*  | 18.88.205  | Transport roller                  | Spectra 162/SPE 160/LPM II 16X           | 1        |
| 8   | 28.29.010  | Connecting cable, I/O-CPU         | Pica II/Flexicode/SPE II                 | 1        |
| 9   | 28.68.537  | CONNECTING CABLE                  |                                          | 1        |
| 10  | 37.28.010  | Vibration absorption              | Spectra/SPE/SPX                          | 1        |
| 11  | 37.88.201  | Antistatic brush                  | Spectra 160/Spectra 162/SPE/Duoprint 160 | 1        |
| 12  | 40.01.003  | Shaft protection 3.2 mm           |                                          | 1        |
| 13  | 40.01.006  | Shaft protection 6 mm             |                                          | 1        |
| 14  | 41.03.004  | Lock washer M4                    |                                          | 1        |
| 15  | 45.88.405A | SPACER BLOCK                      |                                          | 1        |
| 16  | 47.04.001  | Hexagon nut M3                    |                                          | 1        |
| 17  | 48.10.005  | Setscrew M4x4                     |                                          | 2        |
| 18  | 48.10.412  | Setscrew M4x12                    |                                          | 6        |
| 19  | 48.14.306  | Pan screw M3x6                    |                                          | 4        |
| 20  | 48.15.204  | Countersunk screw M2.5x4          |                                          | 3        |
| 21  | 48.15.412  | Pan screw M4x12                   |                                          | 1        |
| 22  | 48.16.325  | Socket cap screw M3x25            |                                          | 2        |
| 23  | 48.16.440  | Socket cap screw M4x40            |                                          | 1        |
| 24  | 48.26.410V | Screw-and-washer assembly M4x10   |                                          | 7        |
| 25  | 50.01.012  | Lock washer 18x8.15x1.0 stainless |                                          | 1        |
| 26  | 50.01.057  | Lock washer 3.2                   |                                          | 7        |
| 27* | 57.01.007  | Grooved ball bearing              |                                          | 2        |
| 28* | 57.03.010  | Grooved ball bearing              |                                          | 1        |

\*Recommended spare part

## 90.88.940A

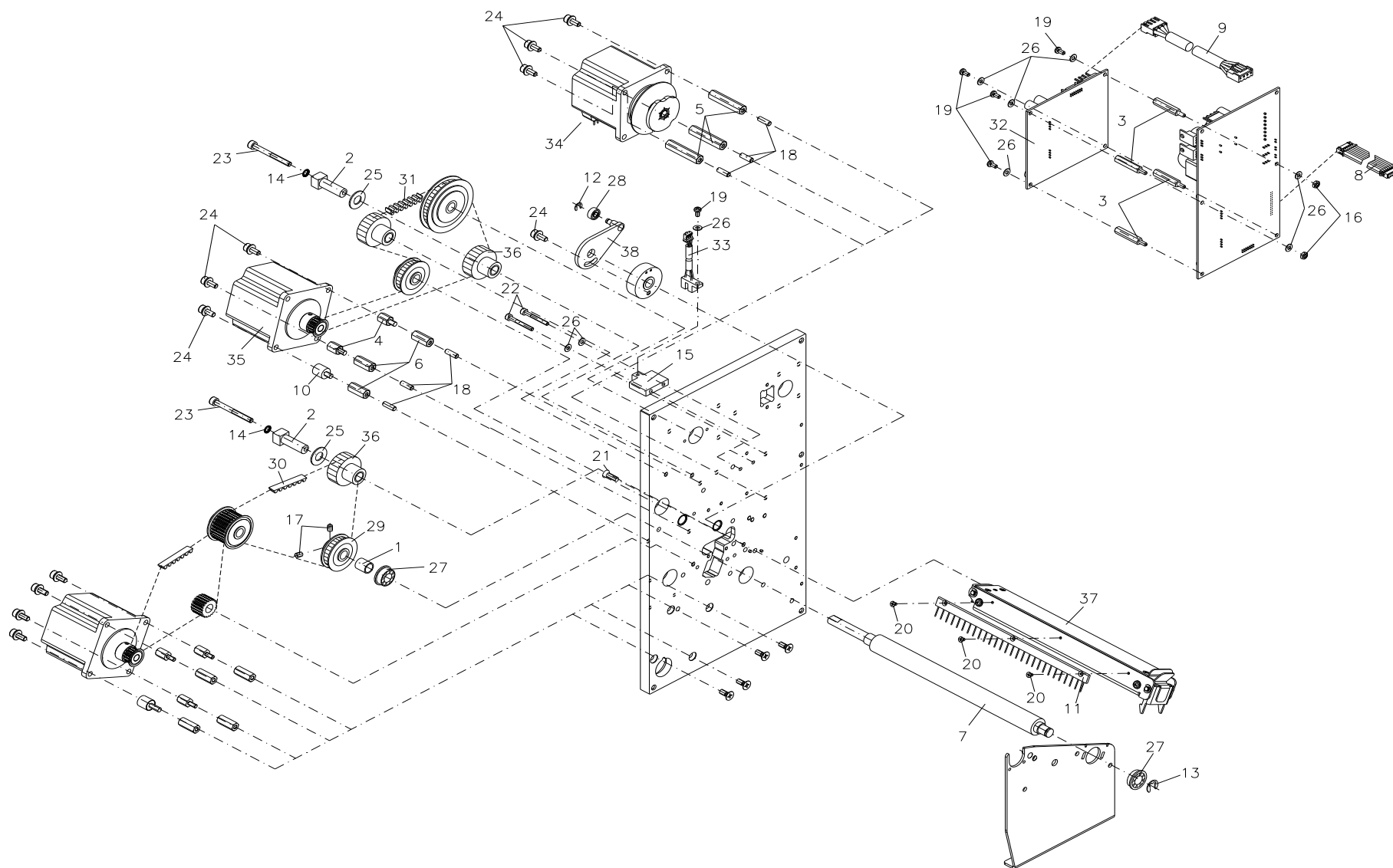
TRANSFER RIBBON SAVING, NO RETROFIT POSSIBLE  
SPECTRA II 160, OPTION

| Pos | Ident-No.  | Description1                    | Description2                       | Quantity |
|-----|------------|---------------------------------|------------------------------------|----------|
| 29* | 59.87.385  | Toothed belt                    | SPE/Spectra II                     | 1        |
| 30  | 59.88.032  | Toothed belt wheel              | Spectra/SPE/SPX/Vita/Flexicode/ALP | 1        |
| 31* | 59.88.300  | Toothed belt                    | Spectra/Vita/ILX 10X               | 1        |
| 32  | 70.39.406  | Power electronics               |                                    | 1        |
| 33  | 71.88.015A | Photocell ribbon saving         | Spectra II/LPM II/SPE II           | 1        |
| 34  | 71.88.401A | Stepper motor for ribbon saving | Spectra II                         | 1        |
| 35  | 71.88.405A | Stepper motor, transfer ribbon  | Spectra II                         | 1        |
| 36* | 72.88.034  | Toothed belt wheel cpl          | Spectra/SPE/SPX/Vita/ILX 10X       | 1        |
| 37  | 72.88.403A | Washer cpl                      | Spectra II 16X/SPE II 160          | 1        |
| 38  | 72.88.425  | Sole plate ribbon saving cpl    | Spectra/SPE/Duoprint               | 1        |

\*Recommended spare part

## 90.88.942A

TRANSFER RIBBON SAVING, NO RETROFIT POSSIBLE  
SPECTRA II 162, FLAT-TYPE, OPTION



## 90.88.942A

TRANSFER RIBBON SAVING, NO RETROFIT POSSIBLE  
SPECTRA II 162, FLAT-TYPE, OPTION

| Pos | Ident-No.  | Description1                      | Description2                             | Quantity |
|-----|------------|-----------------------------------|------------------------------------------|----------|
| 1   | 10.88.015  | Spacer sleeve                     | Spectra/SPE/Vario/SPX/Vita               | 1        |
| 2*  | 10.88.020  | Eccentric bearing                 | Spectra/SPE/SPX/Vita/Duoprint/ILX        | 2        |
| 3   | 12.40.342  | DISTANCE BOLT M3 X 42             |                                          | 3        |
| 4   | 12.40.410  | Distance bolt M4x10               |                                          | 2        |
| 5   | 12.40.440  | Distance bolt M4x40               |                                          | 3        |
| 6   | 12.88.410  | Distance bolt M4x22.3             |                                          | 3        |
| 7*  | 18.88.205  | Transport roller                  | Spectra 162/SPE 160/LPM II 16X           | 1        |
| 8   | 28.29.010  | Connecting cable, I/O-CPU         | Pica II/Flexicode/SPE II                 | 1        |
| 9   | 28.68.537  | CONNECTING CABLE                  |                                          | 1        |
| 10  | 37.28.010  | Vibration absorption              | Spectra/SPE/SPX                          | 1        |
| 11  | 37.88.201  | Antistatic brush                  | Spectra 160/Spectra 162/SPE/Duoprint 160 | 1        |
| 12  | 40.01.003  | Shaft protection 3.2 mm           |                                          | 1        |
| 13  | 40.01.006  | Shaft protection 6 mm             |                                          | 1        |
| 14  | 41.03.004  | Lock washer M4                    |                                          | 2        |
| 15  | 45.88.405A | SPACER BLOCK                      |                                          | 1        |
| 16  | 47.04.001  | Hexagon nut M3                    |                                          | 2        |
| 17  | 48.10.005  | Setscrew M4x4                     |                                          | 2        |
| 18  | 48.10.412  | Setscrew M4x12                    |                                          | 6        |
| 19  | 48.14.306  | Pan screw M3x6                    |                                          | 4        |
| 20  | 48.15.204  | Countersunk screw M2.5x4          |                                          | 3        |
| 21  | 48.15.412  | Pan screw M4x12                   |                                          | 1        |
| 22  | 48.16.325  | Socket cap screw M3x25            |                                          | 2        |
| 23  | 48.16.440  | Socket cap screw M4x40            |                                          | 2        |
| 24  | 48.26.410V | Screw-and-washer assembly M4x10   |                                          | 7        |
| 25  | 50.01.012  | Lock washer 18x8.15x1.0 stainless |                                          | 2        |
| 26  | 50.01.057  | Lock washer 3.2                   |                                          | 7        |
| 27* | 57.01.007  | Grooved ball bearing              |                                          | 2        |
| 28* | 57.03.010  | Grooved ball bearing              |                                          | 1        |

\*Recommended spare part

## 90.88.942A

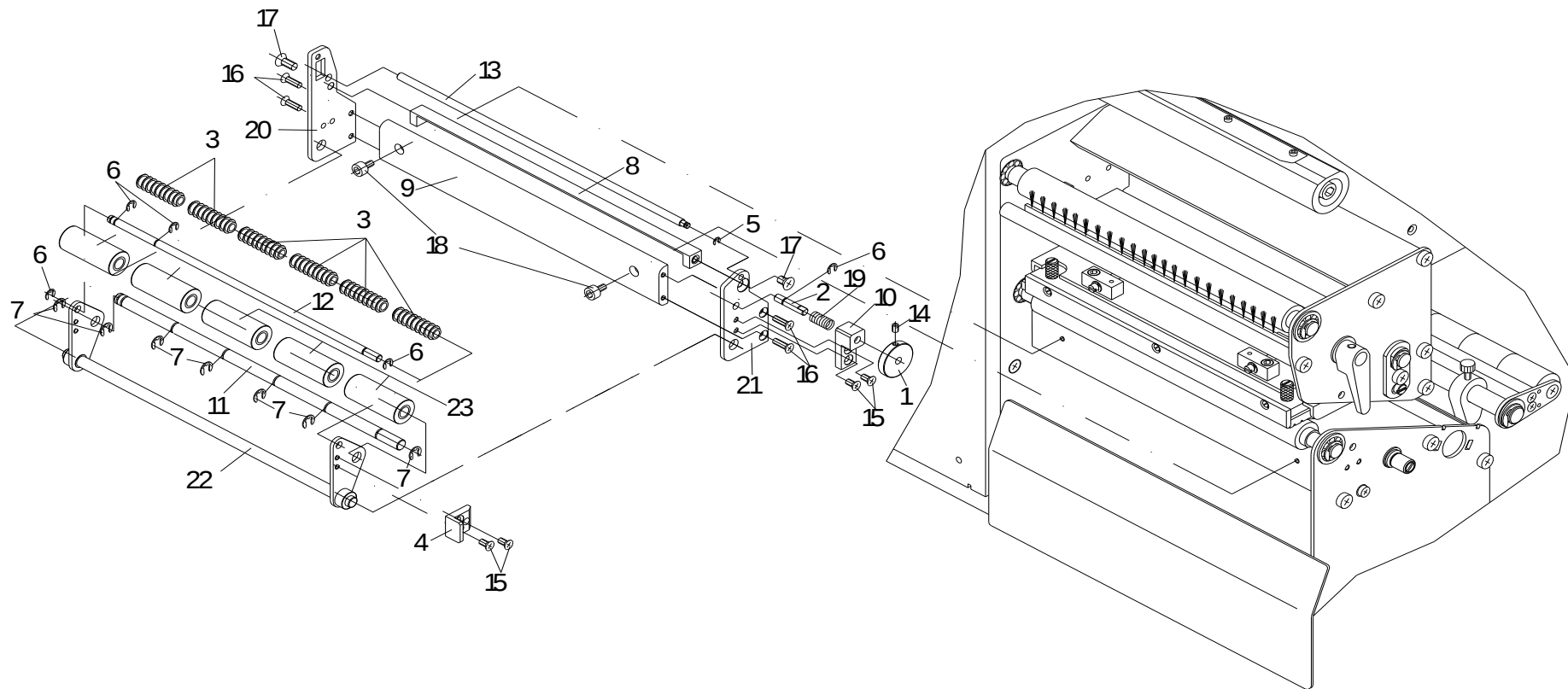
TRANSFER RIBBON SAVING, NO RETROFIT POSSIBLE  
SPECTRA II 162, FLAT-TYPE, OPTION

| Pos | Ident-No.  | Description1                    | Description2                       | Quantity |
|-----|------------|---------------------------------|------------------------------------|----------|
| 29  | 59.88.032  | Toothed belt wheel              | Spectra/SPE/SPX/Vita/Flexicode/ALP | 1        |
| 30* | 59.88.300  | Toothed belt                    | Spectra/Vita/ILX 10X               | 1        |
| 31* | 59.88.301  | Toothed belt                    | Spectra/DPM III c                  | 1        |
| 32  | 70.39.406  | Power electronics               |                                    | 1        |
| 33  | 71.88.015A | Photocell ribbon saving         | Spectra II/LPM II/SPE II           | 1        |
| 34  | 71.88.401A | Stepper motor for ribbon saving | Spectra II                         | 1        |
| 35  | 71.88.405A | Stepper motor, transfer ribbon  | Spectra II                         | 1        |
| 36* | 72.88.034  | Toothed belt wheel cpl          | Spectra/SPE/SPX/Vita/ILX 10X       | 2        |
| 37  | 72.88.403A | Washer cpl                      | Spectra II 16X/SPE II 160          | 1        |
| 38  | 72.88.425  | Sole plate ribbon saving cpl    | Spectra/SPE/Duoprint               | 1        |

\*Recommended spare part

## 90.88.950

DISPENSER UNIT WITHOUT PHOTOCELL  
SPECTRA 16X/SPECTRA II 16X, OPTION



## 90.88.950

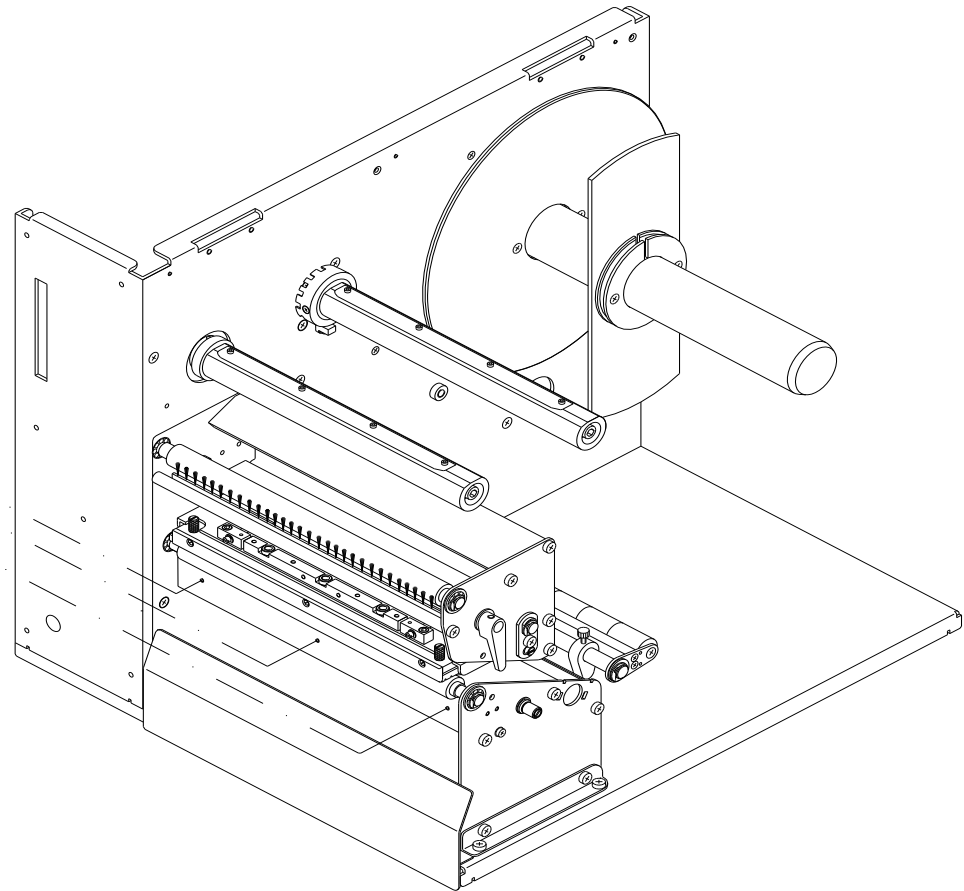
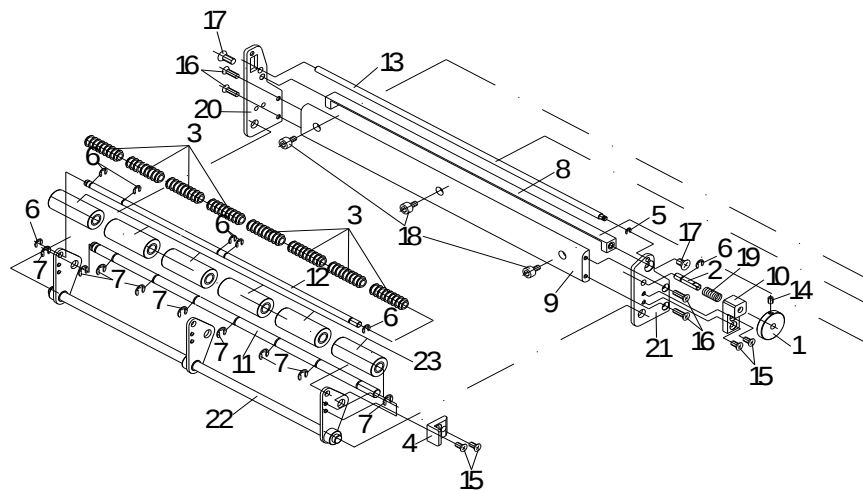
### DISPENSER UNIT WITHOUT PHOTOCELL SPECTRA 16X/SPECTRA II 16X, OPTION

| Pos | Ident-No. | Description1                | Description2                              | Quantity |
|-----|-----------|-----------------------------|-------------------------------------------|----------|
| 1   | 10.55.306 | Knurled knob green          | Spectra II                                | 1        |
| 2   | 12.88.501 | Pin                         | Spectra/SPE/ILX                           | 1        |
| 3   | 16.88.505 | Dispenser roller            | Spectra                                   | 6        |
| 4   | 16.88.510 | Lever                       | Spectra/SPE/Vario/ILX                     | 1        |
| 5   | 40.01.002 | Shaft protection 2.3 mm     |                                           | 1        |
| 6   | 40.01.003 | Shaft protection 3.2 mm     |                                           | 5        |
| 7   | 40.01.004 | Shaft protection 4 mm       |                                           | 7        |
| 8   | 45.88.503 | Dispensing pillar           | Spectra 162                               | 1        |
| 9   | 45.88.508 | Strut                       | Spectra 162                               | 1        |
| 10  | 45.88.510 | Bearing                     | Spectra/SPE/ILX                           | 1        |
| 11  | 46.88.508 | Shaft for pressure roller   | Spectra 162                               | 1        |
| 12  | 46.88.513 | Roller shaft for dispenser  | Spectra                                   | 1        |
| 13  | 46.88.518 | Dispenser shaft             | Spectra 162                               | 1        |
| 14  | 48.10.004 | Setscrew M3x4               |                                           | 1        |
| 15  | 48.15.003 | Countersunk screw M3x6      |                                           | 4        |
| 16  | 48.15.310 | Countersunk screw M3x10     |                                           | 4        |
| 17  | 48.15.406 | Countersunk screw M4 x 6    |                                           | 2        |
| 18  | 48.16.306 | Socket cap screw M3x6       |                                           | 2        |
| 19  | 52.01.019 | Compression spring          | Vario/Pica/Spectra/for dispenser unit ILX | 1        |
| 20  | 67.88.501 | DISPENSING PLATE LEFT SIDE  |                                           | 1        |
| 21  | 67.88.505 | DISPENSING PLATE RIGHT SIDE |                                           | 1        |
| 22  | 72.88.513 | Pressure shaft cpl          | Spectra 162                               | 1        |
| 23* | 72.88.520 | Pressure roller cpl         | Spectra/SPE/ILX                           | 5        |

\*Recommended spare part

## 90.88.953

DISPENSER UNIT WITHOUT PHOTOCELL  
SPECTRA 216/SPECTRA II 216, OPTION



## 90.88.953

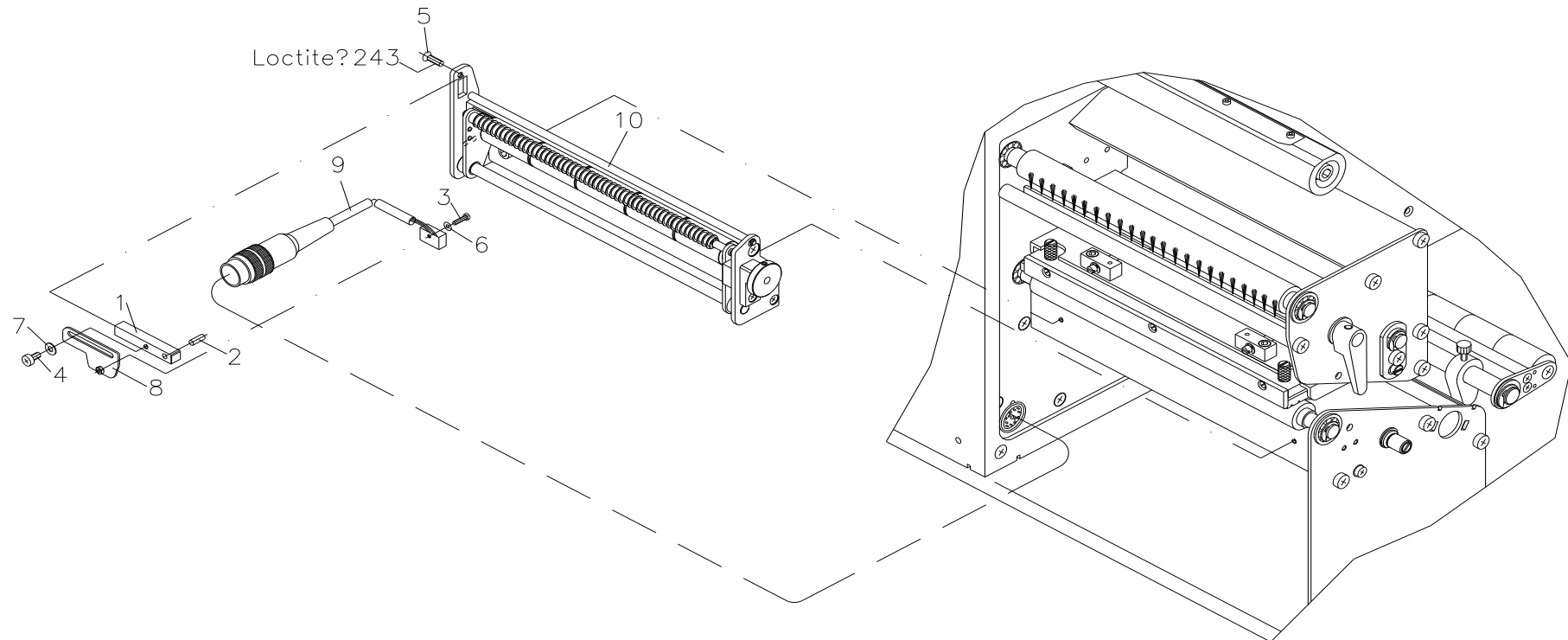
### DISPENSER UNIT WITHOUT PHOTOCELL SPECTRA 216/SPECTRA II 216, OPTION

| Pos | Ident-No. | Description1                | Description2                              | Quantity |
|-----|-----------|-----------------------------|-------------------------------------------|----------|
| 1   | 10.55.306 | Knurled knob green          | Spectra II                                | 1        |
| 2   | 12.88.501 | Pin                         | Spectra/SPE/ILX                           | 1        |
| 3   | 16.88.505 | Dispenser roller            | Spectra                                   | 8        |
| 4   | 16.88.510 | Lever                       | Spectra/SPE/Vario/ILX                     | 1        |
| 5   | 40.01.002 | Shaft protection 2.3 mm     |                                           | 1        |
| 6   | 40.01.003 | Shaft protection 3.2 mm     |                                           | 7        |
| 7   | 40.01.004 | Shaft protection 4 mm       |                                           | 9        |
| 8   | 45.88.504 | DISPENSING PILLAR           |                                           | 1        |
| 9   | 45.88.509 | STRUT                       |                                           | 1        |
| 10  | 45.88.510 | Bearing                     | Spectra/SPE/ILX                           | 1        |
| 11  | 46.88.509 | Shaft for pressure roller   | Spectra 216                               | 1        |
| 12  | 46.88.514 | Roller shaft for dispenser  | Spectra 216                               | 1        |
| 13  | 46.88.519 | Dispenser shaft             | Spectra 216                               | 1        |
| 14  | 48.10.004 | Setscrew M3x4               |                                           | 1        |
| 15  | 48.15.003 | Countersunk screw M3x6      |                                           | 4        |
| 16  | 48.15.310 | Countersunk screw M3x10     |                                           | 4        |
| 17  | 48.15.406 | Countersunk screw M4 x 6    |                                           | 2        |
| 18  | 48.16.306 | Socket cap screw M3x6       |                                           | 3        |
| 19  | 52.01.019 | Compression spring          | Vario/Pica/Spectra/for dispenser unit ILX | 1        |
| 20  | 67.88.501 | DISPENSING PLATE LEFT SIDE  |                                           | 1        |
| 21  | 67.88.505 | DISPENSING PLATE RIGHT SIDE |                                           | 1        |
| 22  | 72.88.514 | Pressure shaft cpl          | Spectra 216                               | 1        |
| 23* | 72.88.520 | Pressure roller cpl         | Spectra/SPE/ILX                           | 6        |

\*Recommended spare part

**90.88.955**

**DISPENSER UNIT WITH PHOTOCELL  
SPECTRA 16X/SPECTRA II 16X, OPTION**



## 90.88.955

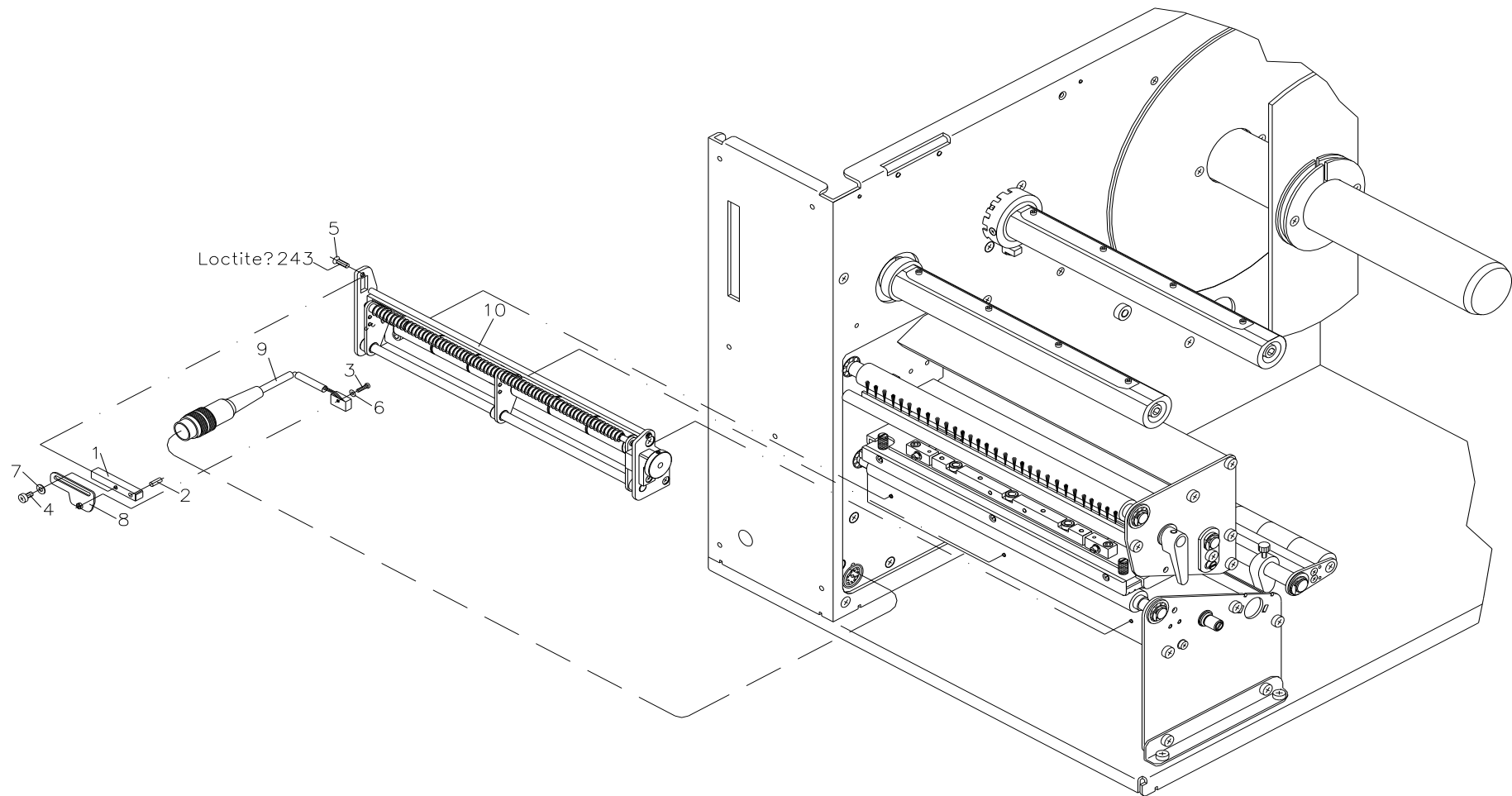
### DISPENSER UNIT WITH PHOTOCELL SPECTRA 16X/SPECTRA II 16X, OPTION

| Pos | Ident-No. | Description1                     | Description2                       | Quantity |
|-----|-----------|----------------------------------|------------------------------------|----------|
| 1   | 12.88.505 | Pillar                           | Spectra                            | 1        |
| 2   | 42.05.001 | Grooved taper pin 3 x 8 mm       |                                    | 1        |
| 3   | 48.04.208 | Screw M2x8                       |                                    | 1        |
| 4   | 48.14.306 | Pan screw M3x6                   |                                    | 1        |
| 5   | 48.15.310 | Countersunk screw M3x10          |                                    | 1        |
| 6   | 50.01.009 | Lock washer 5x2x0.3              |                                    | 1        |
| 7   | 50.01.057 | Lock washer 3.2                  |                                    | 1        |
| 8   | 67.88.515 | Slider                           | Spectra                            | 1        |
| 9   | 71.88.501 | Dispensing photocell cpl         | Spectra                            | 1        |
| 10  | 90.88.950 | Dispenser unit without photocell | Spectra 16X/Spectra II 16X, option | 1        |

\*Recommended spare part

**90.88.958**

**DISPENSER UNIT WITH PHOTOCELL  
SPECTRA 216/SPECTRA II 216, OPTION**



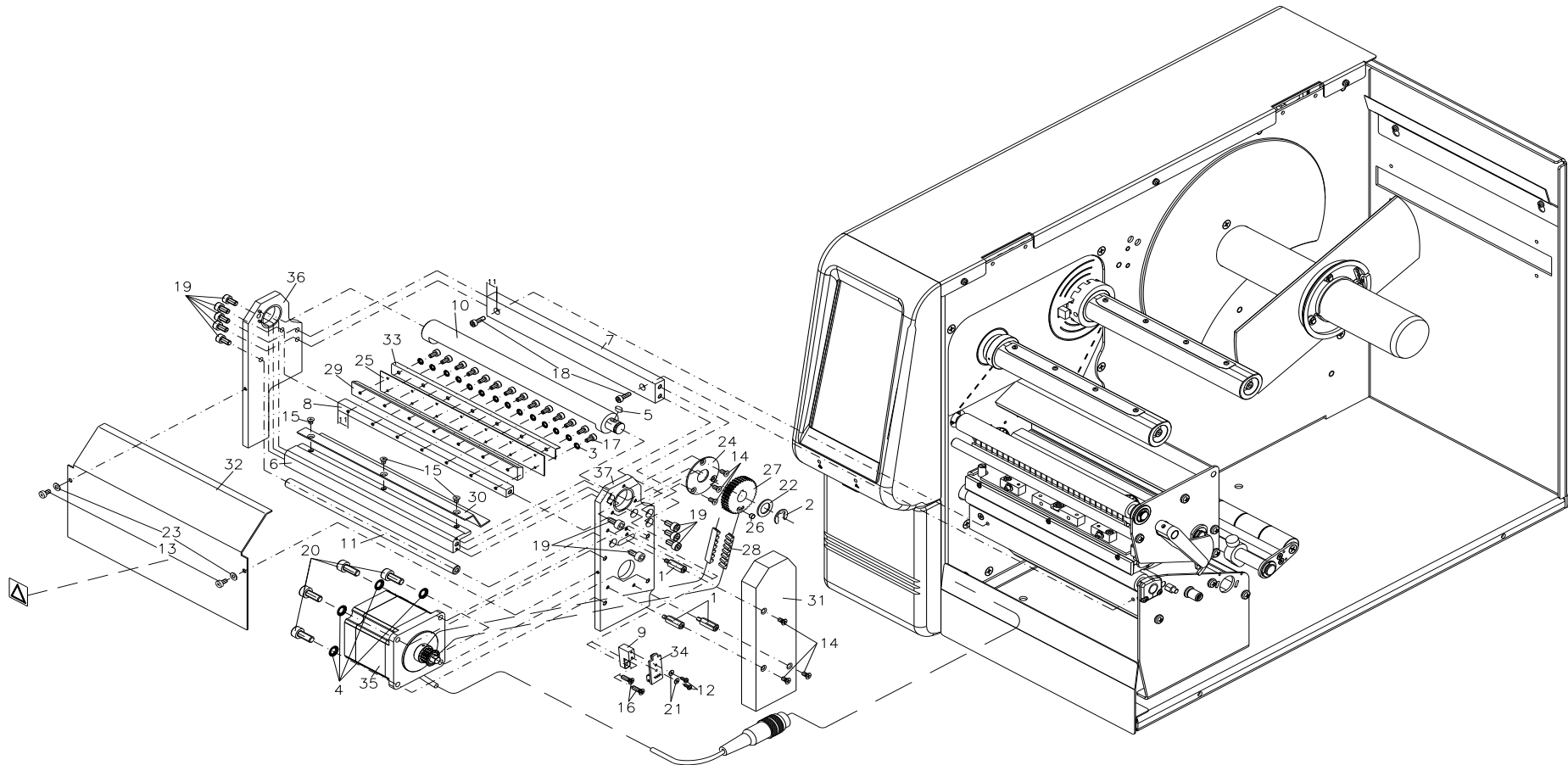
## 90.88.958

### DISPENSER UNIT WITH PHOTOCELL SPECTRA 216/SPECTRA II 216, OPTION

| Pos | Ident-No. | Description1                     | Description2                       | Quantity |
|-----|-----------|----------------------------------|------------------------------------|----------|
| 1   | 12.88.505 | Pillar                           | Spectra                            | 1        |
| 2   | 42.05.001 | Grooved taper pin 3 x 8 mm       |                                    | 1        |
| 3   | 48.04.208 | Screw M2x8                       |                                    | 1        |
| 4   | 48.14.306 | Pan screw M3x6                   |                                    | 1        |
| 5   | 48.15.310 | Countersunk screw M3x10          |                                    | 1        |
| 6   | 50.01.009 | Lock washer 5x2x0.3              |                                    | 1        |
| 7   | 50.01.057 | Lock washer 3.2                  |                                    | 1        |
| 8   | 67.88.515 | Slider                           | Spectra                            | 1        |
| 9   | 71.88.501 | Dispensing photocell cpl         | Spectra                            | 1        |
| 10  | 90.88.953 | Dispenser unit without photocell | Spectra 216/Spectra II 216, option | 1        |

\*Recommended spare part

**90.88.960A**  
**CUTTER UNIT**  
**SPECTRA II 16X, OPTION**



## 90.88.960A

### CUTTER UNIT

#### SPECTRA II 16X, OPTION

| Pos | Ident-No.  | Description1             | Description2                        | Quantity |
|-----|------------|--------------------------|-------------------------------------|----------|
| 1   | 12.88.615  | Distance bolt M3x15      | Spectra                             | 3        |
| 2   | 40.01.007  | Shaft protection 7 mm    |                                     | 1        |
| 3   | 41.03.003  | Lock washer M3           |                                     | 10       |
| 4   | 41.03.004  | Lock washer M4           |                                     | 4        |
| 5   | 43.07.030  | Spring 3 x 6 mm          |                                     | 1        |
| 6   | 45.88.613  | ANGLE STRUT              |                                     | 1        |
| 7   | 45.88.618  | STRUT                    |                                     | 1        |
| 8   | 45.88.623  | Spacer pillar            | Spectra 162                         | 1        |
| 9   | 45.88.630A | Sensor bracket           | Spectra II                          | 1        |
| 10  | 46.88.603  | Cutter shaft             | Spectra 162                         | 1        |
| 11  | 46.88.608  | cogged belt 80 teeth     |                                     | 1        |
| 12  | 48.14.105V | Pan screw M2x5 stainless |                                     | 2        |
| 13  | 48.14.306  | Pan screw M3x6           |                                     | 2        |
| 14  | 48.15.003  | Countersunk screw M3x6   |                                     | 6        |
| 15  | 48.15.304  | Countersunk screw M3x4   |                                     | 3        |
| 16  | 48.15.310  | Countersunk screw M3x10  |                                     | 2        |
| 17  | 48.16.306  | Socket cap screw M3x6    |                                     | 10       |
| 18  | 48.16.310  | Socket cap screw M3x10   |                                     | 2        |
| 19  | 48.16.408  | Socket cap screw M4x8    |                                     | 10       |
| 20  | 48.16.410  | Socket cap screw M4x10   |                                     | 4        |
| 21  | 50.01.009  | Lock washer 5x2x0.3      |                                     | 2        |
| 22  | 50.01.011  | Washer 10x16x1.0         |                                     | 1        |
| 23  | 50.01.057  | Lock washer 3.2          |                                     | 2        |
| 24  | 50.88.605  | Washer                   | Spectra 108/Spectra 162/Spectra 216 | 1        |
| 25  | 52.88.603  | Spring sheet             | Spectra 162                         | 1        |
| 26  | 57.05.060  | MAGNET                   |                                     | 1        |
| 27  | 59.88.035  | Toothed belt wheel       | Spectra 108/Spectra 162             | 1        |
| 28* | 59.88.225  | Toothed belt             | Spectra                             | 1        |

\*Recommended spare part

## 90.88.960A

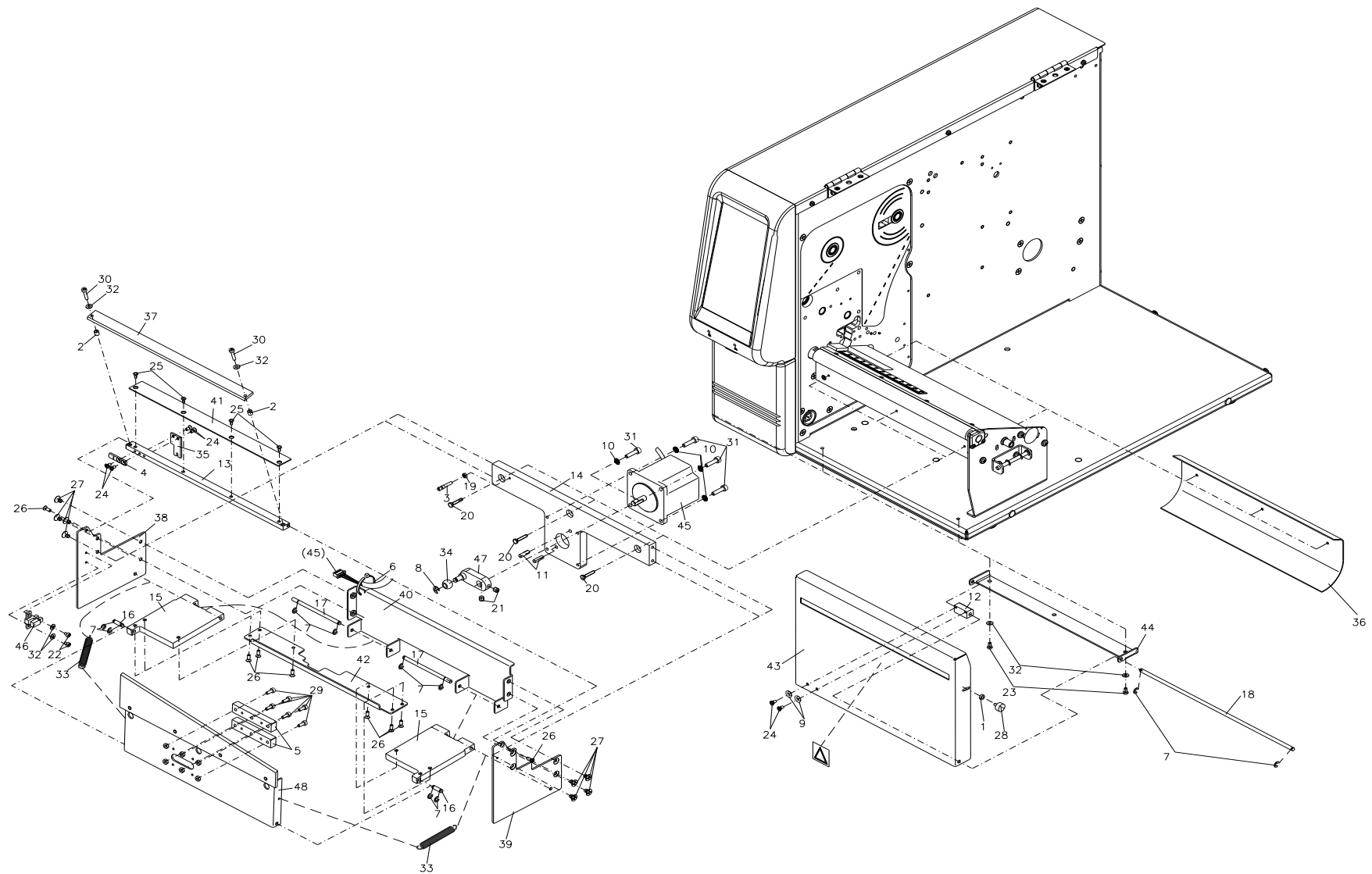
### CUTTER UNIT

### SPECTRA II 16X, OPTION

| Pos | Ident-No.  | Description1            | Description2                        | Quantity |
|-----|------------|-------------------------|-------------------------------------|----------|
| 29  | 67.88.603  | Cutter ledge            | Spectra 107/Spectra 108             | 1        |
| 30  | 67.88.608  | Angle                   | Spectra 162                         | 1        |
| 31  | 67.88.610  | Cover                   | Spectra 108/Spectra 162/Spectra 216 | 1        |
| 32  | 67.88.623  | Front sheet             | Spectra 162                         | 1        |
| 33  | 67.88.633  | Angle, above            | Spectra 162                         | 1        |
| 34  | 70.39.085  | Hall sensor cpl         | Spectra II                          | 1        |
| 35  | 71.88.601A | Motor cpl               | Spectra 107/Spectra 108/Spectra 162 | 1        |
| 36  | 72.88.610  | Cutter plate cpl, left  | Spectra 108/Spectra 162             | 1        |
| 37  | 72.88.615  | Cutter plate cpl, right | Spectra 108/Spectra 162             | 1        |

\*Recommended spare part

**90.88.965A**  
**CUTTER UNIT GUILLOTINE**  
**SPECTRA II 216, OPTION**



## 90.88.965A

### CUTTER UNIT GUILLOTINE SPECTRA II 216, OPTION

| Pos | Ident-No.  | Description1             | Description2                 | Quantity |
|-----|------------|--------------------------|------------------------------|----------|
| 1   | 10.55.005  | Spacer ring              | Vario/Spectra                | 1        |
| 2   | 10.55.201  | Spacer                   | Vario/Vita II/Spectra II 216 | 2        |
| 3   | 12.88.655  | Adjusting screw          | Spectra 216/Vita II          | 1        |
| 4*  | 16.55.201  | Sliding part             | Vario/Spectra 216/Vita/Pica  | 1        |
| 5   | 16.88.650  | Guiding                  | Spectra 216                  | 2        |
| 6   | 35.01.002  | Cable joint 100x2.5 mm   |                              | 1        |
| 7   | 40.01.003  | Shaft protection 3.2 mm  |                              | 10       |
| 8   | 40.01.004  | Shaft protection 4 mm    |                              | 1        |
| 9   | 41.01.007  | Rosette 4x9 mm           |                              | 2        |
| 10  | 41.03.004  | Lock washer M4           |                              | 4        |
| 11  | 42.13.414V | Grooved pin 4 x 14 mm    |                              | 2        |
| 12  | 45.48.501  | MOVEABLE BEARING         |                              | 1        |
| 13  | 45.88.650  | STRUT                    |                              | 1        |
| 14  | 45.88.660  | MOTOR BRACKET            |                              | 1        |
| 15  | 45.88.685  | Whip bearing             | Spectra 216                  | 2        |
| 16  | 46.88.655  | Whip shaft               | Spectra 216/Vita II/Pica II  | 2        |
| 17  | 46.88.660  | Bearing shaft            | Spectra 216                  | 2        |
| 18  | 46.88.690  | Shaft                    | Spectra 216                  | 1        |
| 19  | 47.04.001  | Hexagon nut M3           |                              | 1        |
| 20  | 48.01.316  | Hexagon screw M3x16      |                              | 3        |
| 21  | 48.10.505  | Setscrew M5x5            |                              | 2        |
| 22  | 48.14.304  | Pan screw M3x4           |                              | 2        |
| 23  | 48.14.306  | Pan screw M3x6           |                              | 2        |
| 24  | 48.15.003  | Countersunk screw M3x6   |                              | 6        |
| 25  | 48.15.206  | Pan screw M2.5x6         |                              | 4        |
| 26  | 48.15.308  | Countersunk screw M3x8   |                              | 8        |
| 27  | 48.15.406  | Countersunk screw M4 x 6 |                              | 8        |
| 28* | 48.16.001  | Knurled screw M3x6       |                              | 1        |

\*Recommended spare part

## 90.88.965A

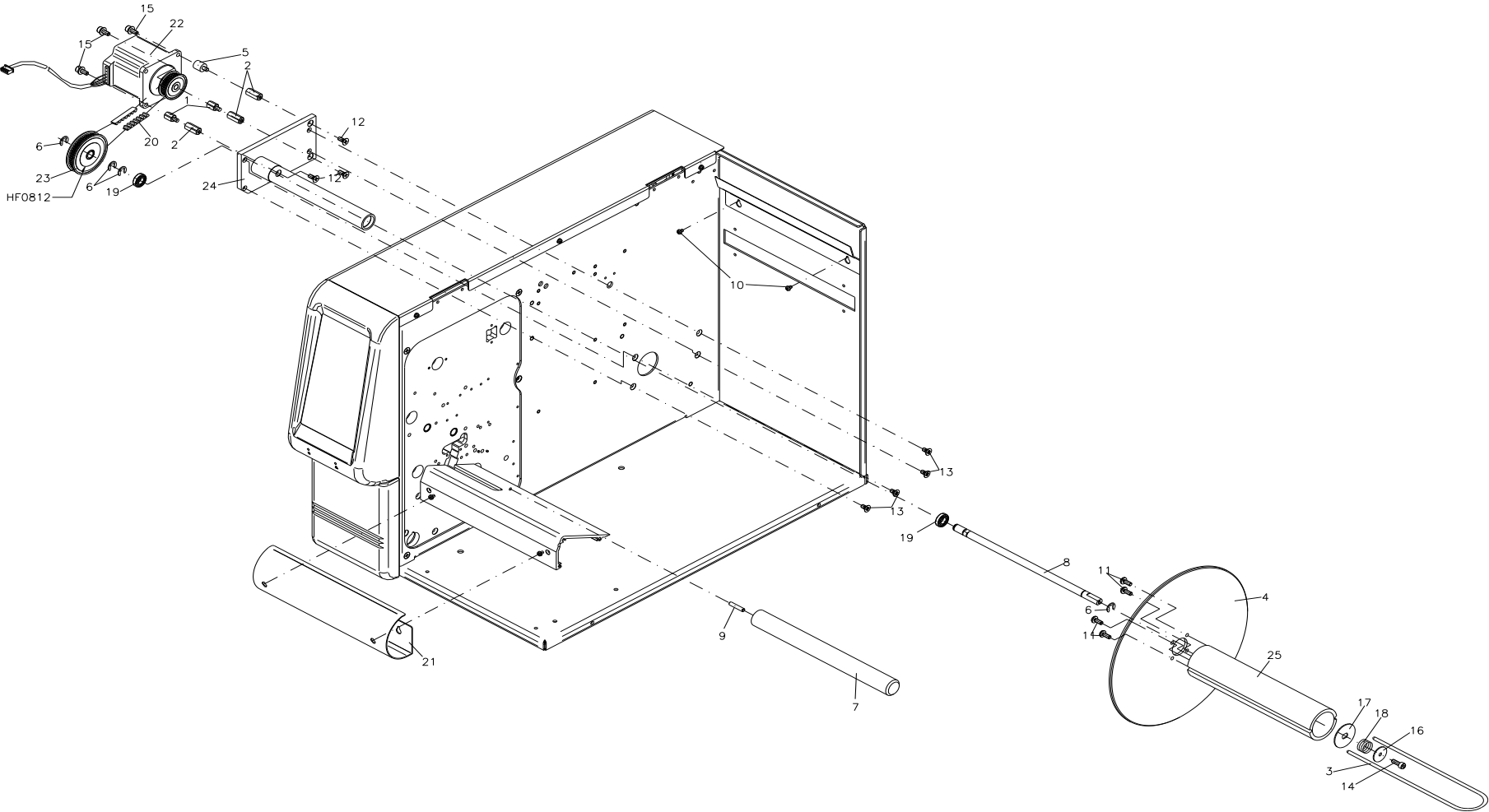
### CUTTER UNIT GUILLOTINE SPECTRA II 216, OPTION

| Pos | Ident-No.  | Description1           | Description2                      | Quantity |
|-----|------------|------------------------|-----------------------------------|----------|
| 29  | 48.16.308  | Socket cap screw M3x8  |                                   | 6        |
| 30  | 48.16.312  | Socket cap screw M3x12 |                                   | 2        |
| 31  | 48.16.416  | Socket cap screw M4x16 |                                   | 4        |
| 32  | 50.01.057  | Lock washer 3.2        |                                   | 6        |
| 33  | 52.02.024  | Tension spring         | Vario/Spectra 216                 | 2        |
| 34* | 57.02.090  | Slide bearing          |                                   | 1        |
| 35  | 67.55.245  | Adjusting plate        | Vario/Spectra 216/Vita II/Pica II | 1        |
| 36  | 67.88.326  | COVER PLATE BELOW      |                                   | 1        |
| 37  | 67.88.655  | Cutter ledge fixed     | Spectra 216                       | 1        |
| 38  | 67.88.660  | SOLE PLATE             |                                   | 1        |
| 39  | 67.88.665  | SOLE PLATE             |                                   | 1        |
| 40  | 67.88.670  | Reinforcing plate      | Spectra 216                       | 1        |
| 41  | 67.88.675  | LOWER PLATE            |                                   | 1        |
| 42  | 67.88.685  | Plate                  | Spectra 216                       | 1        |
| 43  | 67.88.690  | FRONT PLATE            |                                   | 1        |
| 44  | 67.88.695  | FRONT PLATE            |                                   | 1        |
| 45  | 71.88.650A | Stepper motor          | Spectra II 216                    | 1        |
| 46  | 71.88.660A | Photocell              | Spectra II 216                    | 1        |
| 47  | 72.88.665  | Bearing lever          | Spectra 216                       | 1        |
| 48  | 72.88.680  | Cutter sheet cpl       | Spectra 216                       | 1        |

\*Recommended spare part

90.88.970A

INTERNAL REWINDER, OUTSIDE WINDING  
SPECTRA II 162, OPTION



## 90.88.970A

### INTERNAL REWINDER, OUTSIDE WINDING SPECTRA II 162, OPTION

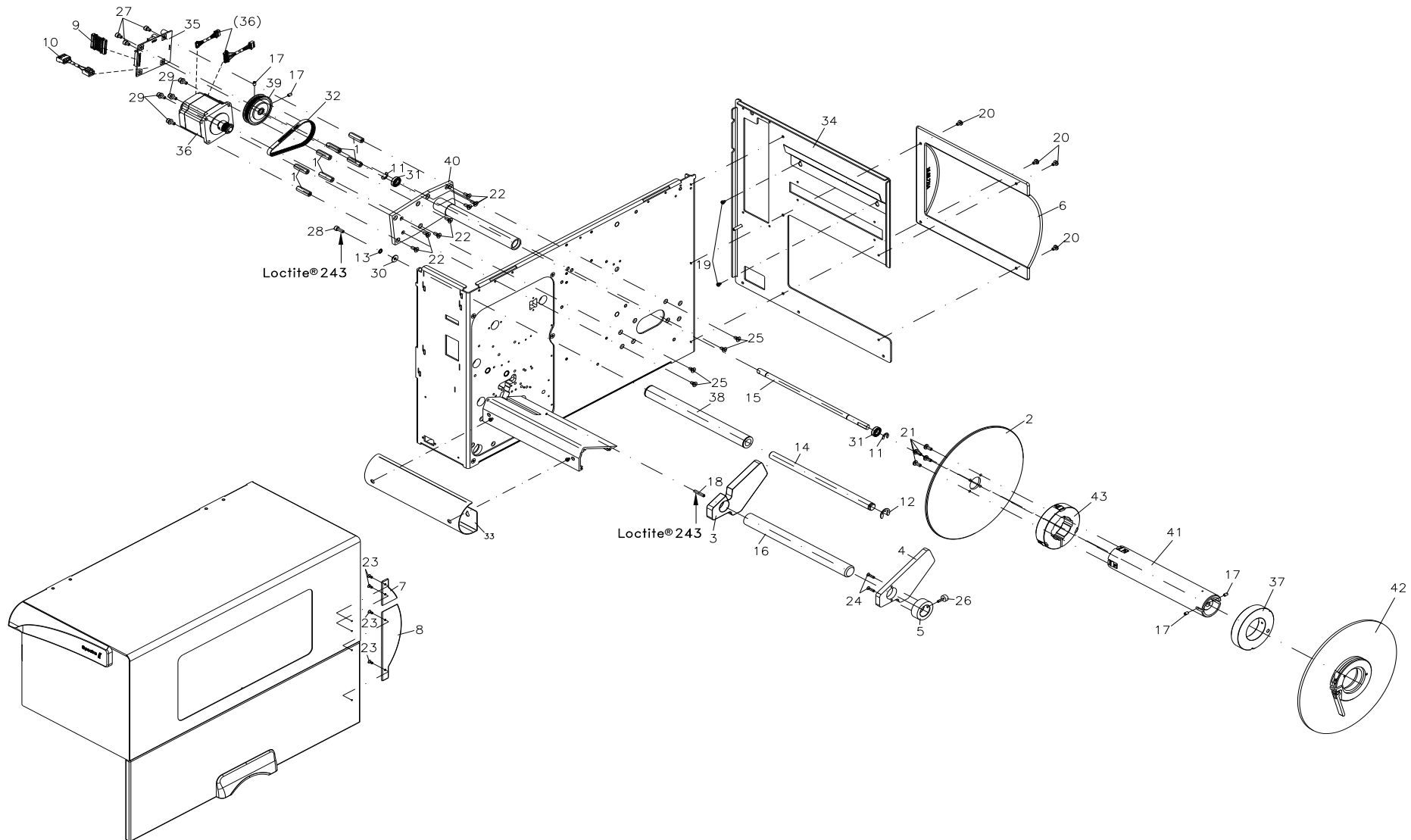
| Pos | Ident-No.  | Description1                      | Description2                                      | Quantity |
|-----|------------|-----------------------------------|---------------------------------------------------|----------|
| 1   | 12.40.410  | Distance bolt M4x10               |                                                   | 2        |
| 2   | 12.40.417  | Distance bolt M4x17               | Spectra/SPE                                       | 3        |
| 3   | 12.88.703  | Clasp                             | Spectra 162/SPE 160                               | 1        |
| 4   | 16.88.710A | PLATE                             |                                                   | 1        |
| 5   | 37.28.010  | Vibration absorption              | Spectra/SPE/SPX                                   | 1        |
| 6   | 40.01.006V | Shaft protection 6 mm stainless   |                                                   | 4        |
| 7   | 46.81.920  | Return pulley                     | PA81/Spectra II 162                               | 1        |
| 8   | 46.88.703A | Bearing shaft                     | Spectra II 16X                                    | 1        |
| 9   | 48.10.420V | Setscrew M4x20 stainless          |                                                   | 1        |
| 10  | 48.14.304V | Pan screw M3x4 stainless          |                                                   | 2        |
| 11  | 48.14.410V | Pan screw M4x10 stainless         |                                                   | 4        |
| 12  | 48.15.002V | Pan screw M4x10 stainless         |                                                   | 3        |
| 13  | 48.15.408V | Pan screw M4x8 stainless          |                                                   | 4        |
| 14  | 48.16.412V | Socket cap screw M4x12 stainless  |                                                   | 1        |
| 15  | 48.26.410V | Screw-and-washer assembly M4x10   |                                                   | 3        |
| 16  | 50.01.096V | Lock washer 4.3x20x1.25 stainless |                                                   | 1        |
| 17  | 50.15.005  | Brake washer                      | Spectra/Vario/Vita/ILX/Duoprint, only replacement | 1        |
| 18* | 52.01.007  | Compression spring                | Spectra/SPE/Vario/PR25/26/28/45/48/49/ILX         | 1        |
| 19* | 57.01.006  | Grooved ball bearing              |                                                   | 2        |
| 20* | 59.88.225  | Toothed belt                      | Spectra                                           | 1        |
| 21  | 67.88.235  | Rewinding plate                   | Spectra 160/Spectra 162                           | 1        |
| 22  | 71.88.702A | Stepper motor outside winding     | Spectra II                                        | 1        |
| 23* | 72.88.048  | Toothed belt wheel cpl            | Spectra/SPE/Vario/SPX/Vita/Flexicode/ILX/ALP      | 1        |
| 24  | 72.88.703  | Carrier plate cpl                 | Spectra 162/Spectra 216/SPE 160                   | 1        |
| 25  | 72.88.708  | Label rewinding roller cpl        | Spectra 162/SPE 160                               | 1        |

\*Recommended spare part

# 90.88.972A

INTERNAL REWINDER 200/75

SPECTRA II 162, OPTION



## 90.88.972A

INTERNAL REWINDER 200/75

SPECTRA II 162, OPTION

| Pos | Ident-No.  | Description1                                    | Description2                      | Quantity |
|-----|------------|-------------------------------------------------|-----------------------------------|----------|
| 1   | 12.40.425  | DISTANCE BOLT M4 X 25                           |                                   | 7        |
| 2   | 16.88.710A | PLATE                                           |                                   | 1        |
| 3   | 16.88.725A | LABEL GUIDING INSIDE                            |                                   | 1        |
| 4   | 16.88.726A | LABEL GUIDING OUTSIDE                           |                                   | 1        |
| 5   | 16.88.727A | Bushing                                         | internal rewinder, Spectra II     | 1        |
| 6   | 16.88.733A | Cover behind coated                             | internal rewinder, Spectra II 16X | 1        |
| 7   | 16.88.737A | Disc for cover coated                           | internal rewinder, Spectra II     | 1        |
| 8   | 16.88.739A | Disc for cover coated                           | internal rewinder, Spectra II     | 1        |
| 9   | 28.79.010  | Connecting cable, motor signals CPU-distr plate | Flexicode/Spectra II              | 1        |
| 10  | 28.88.004A | CONNECTING CABLE                                |                                   | 1        |
| 11  | 40.01.006  | Shaft protection 6 mm                           |                                   | 2        |
| 12  | 40.01.009  | Shaft protection 9 mm                           |                                   | 1        |
| 13  | 41.03.004  | Lock washer M4                                  |                                   | 1        |
| 14  | 46.83.201  | Bearing pillar                                  | SPX 16X                           | 1        |
| 15  | 46.88.713A | Bearing shaft                                   | Spectra II 16X                    | 1        |
| 16  | 46.88.717A | Return pulley for internal rewinding            | Spectra II 16X                    | 1        |
| 17  | 48.10.406V | Setscrew M4x6 stainless                         |                                   | 4        |
| 18  | 48.10.420V | Setscrew M4x20 stainless                        |                                   | 1        |
| 19  | 48.14.304V | Pan screw M3x4 stainless                        |                                   | 2        |
| 20  | 48.14.406  | Pan screw M4x6                                  |                                   | 4        |
| 21  | 48.14.410V | Pan screw M4x10 stainless                       |                                   | 4        |
| 22  | 48.15.002  | Pan screw M4x10                                 |                                   | 7        |
| 23  | 48.15.003  | Countersunk screw M3x6                          |                                   | 4        |
| 24  | 48.15.312  | Countersunk screw M3x12                         |                                   | 2        |
| 25  | 48.15.408  | Pan screw M4 x 8                                |                                   | 4        |
| 26  | 48.16.020  | Knurled knob M3x12                              |                                   | 1        |
| 27  | 48.16.406  | Socket cap screw M4x6                           |                                   | 3        |
| 28  | 48.16.412  | Socket cap screw M4x12                          |                                   | 1        |

\*Recommended spare part

## 90.88.972A

INTERNAL REWINDER 200/75

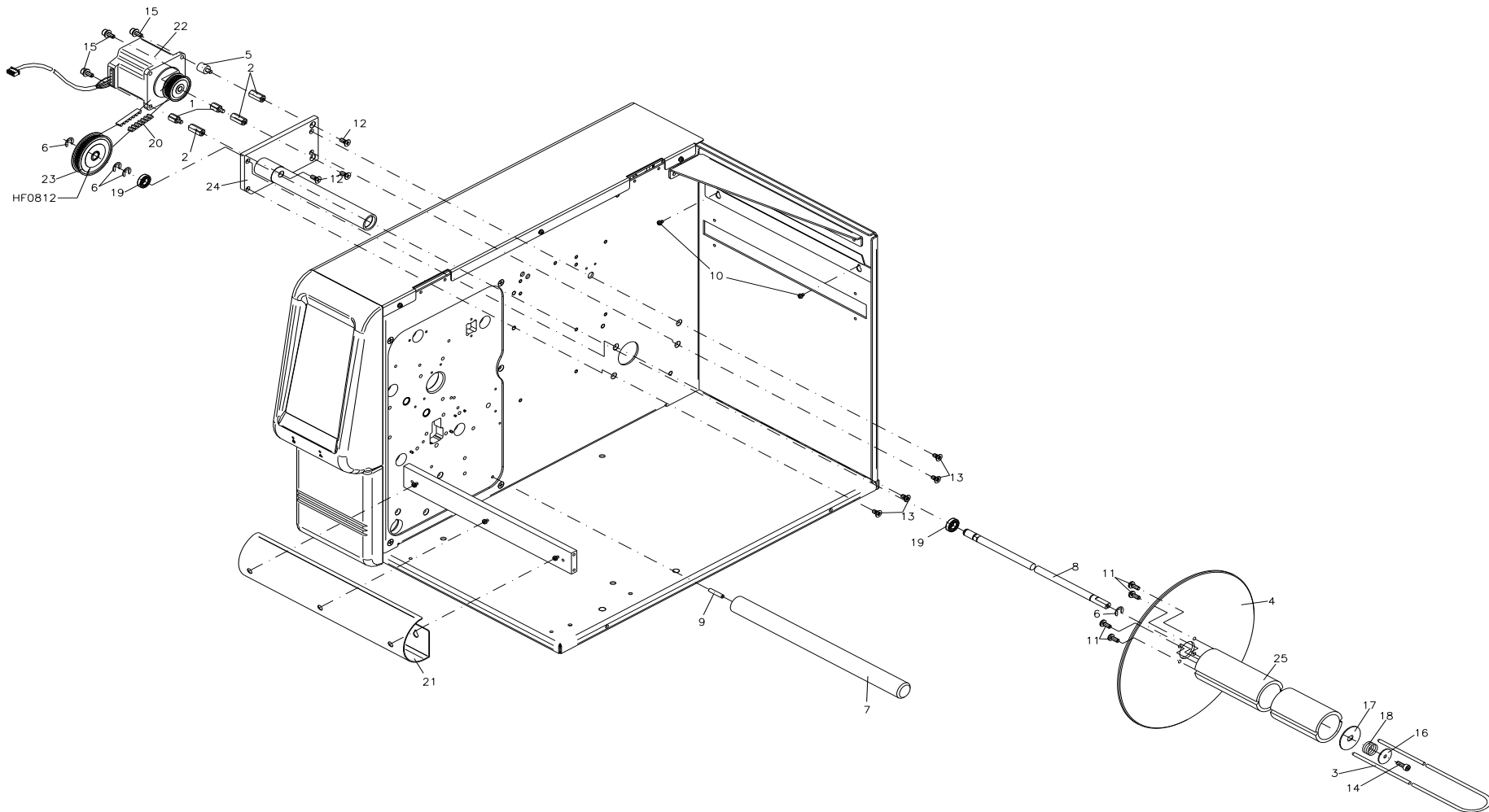
SPECTRA II 162, OPTION

| Pos | Ident-No.  | Description1                     | Description2                   | Quantity |
|-----|------------|----------------------------------|--------------------------------|----------|
| 29  | 48.26.410V | Screw-and-washer assembly M4x10  |                                | 4        |
| 30  | 50.01.046  | Lock washer M4                   |                                | 1        |
| 31* | 57.01.006  | Grooved ball bearing             |                                | 2        |
| 32* | 59.88.225  | Toothed belt                     | Spectra                        | 1        |
| 33  | 67.88.235  | Rewinding plate                  | Spectra 160/Spectra 162        | 1        |
| 34  | 67.88.715A | BACK PANEL OPEN                  | SPECTRA II 16X                 | 1        |
| 35  | 70.39.206  | CIRCUIT BOARD MOTOR              |                                | 1        |
| 36  | 71.88.705A | Stepper motor with encoder       | Spectra II, internal rewinder  | 1        |
| 37  | 72.15.061  | Add. toroidal for rewinder 75 mm |                                | 1        |
| 38  | 72.83.205  | Bogie wheel cpl                  | SPX 16X                        | 1        |
| 39  | 72.88.710  | Toothed belt wheel cpl           | Spectra                        | 1        |
| 40  | 72.88.713A | Carrier plate cpl                | Spectra II 16X                 | 1        |
| 41  | 72.88.723A | Label rewinding roller cpl       | Spectra II 16X                 | 1        |
| 42  | 72.88.735A | Washer cpl                       | Spectra II                     | 1        |
| 43  | 72.88.745A | Additional toroidal 75 mm cpl    | Spectra II, internal rewinding | 1        |

\*Recommended spare part

## 90.88.973A

INTERNAL REWINDER, OUTSIDE WINDING  
SPECTRA II 216, OPTION



## 90.88.973A

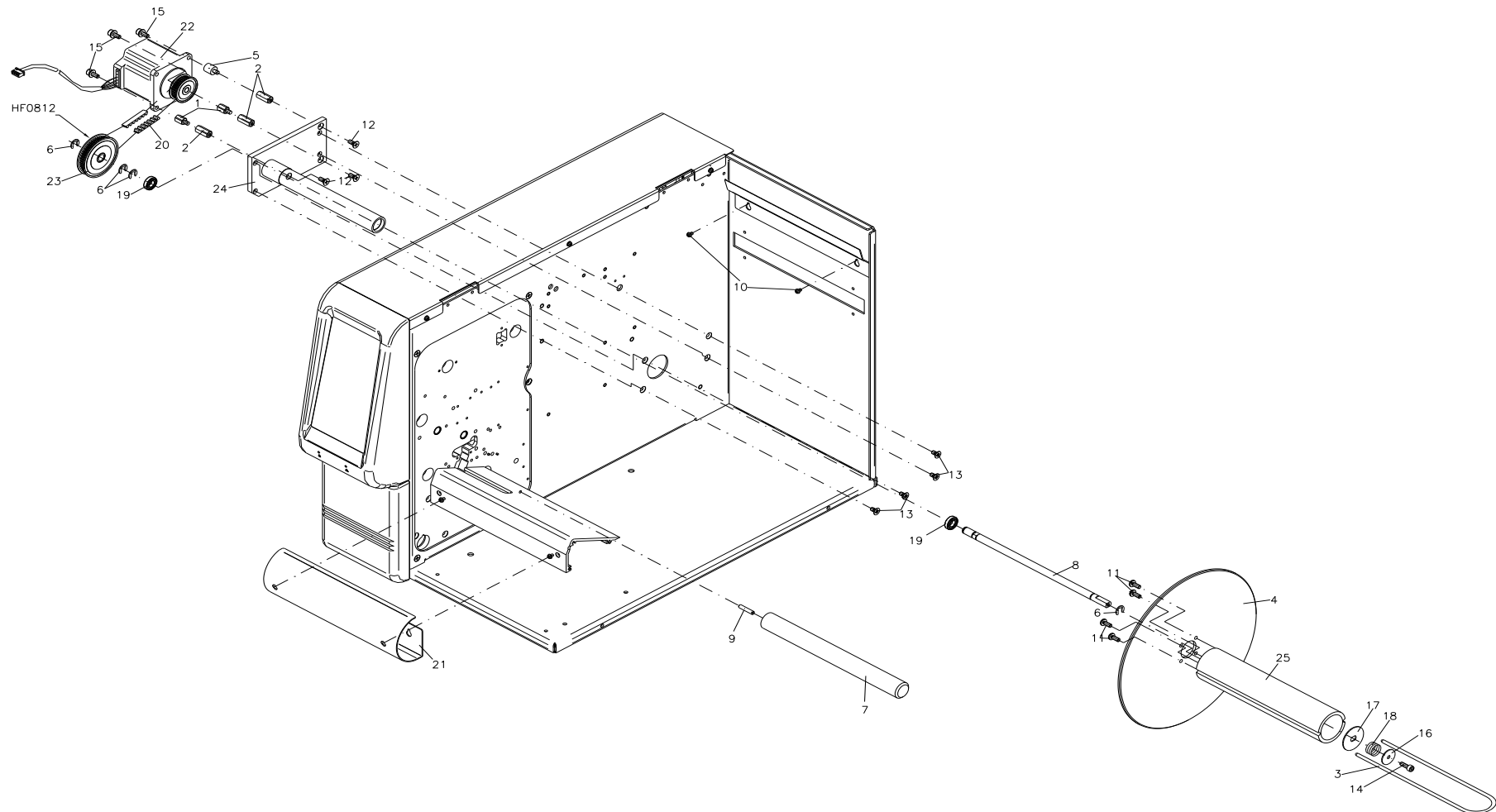
### INTERNAL REWINDER, OUTSIDE WINDING SPECTRA II 216, OPTION

| Pos | Ident-No.  | Description1                      | Description2                                      | Quantity |
|-----|------------|-----------------------------------|---------------------------------------------------|----------|
| 1   | 12.40.410  | Distance bolt M4x10               |                                                   | 2        |
| 2   | 12.40.417  | Distance bolt M4x17               | Spectra/SPE                                       | 3        |
| 3   | 12.88.704  | Clasp                             | Spectra 216                                       | 1        |
| 4   | 16.88.710A | PLATE                             |                                                   | 1        |
| 5   | 37.28.010  | Vibration absorption              | Spectra/SPE/SPX                                   | 1        |
| 6   | 40.01.006V | Shaft protection 6 mm stainless   |                                                   | 4        |
| 7   | 46.88.325A | Return pulley                     | Spectra 216                                       | 1        |
| 8   | 46.88.704A | Bearing shaft                     | Spectra II 216                                    | 1        |
| 9   | 48.10.420V | Setscrew M4x20 stainless          |                                                   | 1        |
| 10  | 48.14.304V | Pan screw M3x4 stainless          |                                                   | 2        |
| 11  | 48.14.410V | Pan screw M4x10 stainless         |                                                   | 4        |
| 12  | 48.15.002V | Pan screw M4x10 stainless         |                                                   | 3        |
| 13  | 48.15.408V | Pan screw M4x8 stainless          |                                                   | 4        |
| 14  | 48.16.412V | Socket cap screw M4x12 stainless  |                                                   | 1        |
| 15  | 48.26.410V | Screw-and-washer assembly M4x10   |                                                   | 3        |
| 16  | 50.01.096V | Lock washer 4.3x20x1.25 stainless |                                                   | 1        |
| 17  | 50.15.005  | Brake washer                      | Spectra/Vario/Vita/ILX/Duoprint, only replacement | 1        |
| 18* | 52.01.007  | Compression spring                | Spectra/SPE/Vario/PR25/26/28/45/48/49/ILX         | 1        |
| 19* | 57.01.006  | Grooved ball bearing              |                                                   | 2        |
| 20* | 59.88.225  | Toothed belt                      | Spectra                                           | 1        |
| 21  | 67.88.335  | REWINDING PLATE                   |                                                   | 1        |
| 22  | 71.88.702A | Stepper motor outside winding     | Spectra II                                        | 1        |
| 23* | 72.88.048  | Toothed belt wheel cpl            | Spectra/SPE/Vario/SPX/Vita/Flexicode/ILX/ALP      | 1        |
| 24  | 72.88.703  | Carrier plate cpl                 | Spectra 162/Spectra 216/SPE 160                   | 1        |
| 25  | 72.88.709  | Label rewinding roller cpl        | Spectra 216                                       | 1        |

\*Recommended spare part

## 90.88.975A

### INTERNAL REWINDER, INSIDE WINDING SPECTRA II 162, OPTION



## 90.88.975A

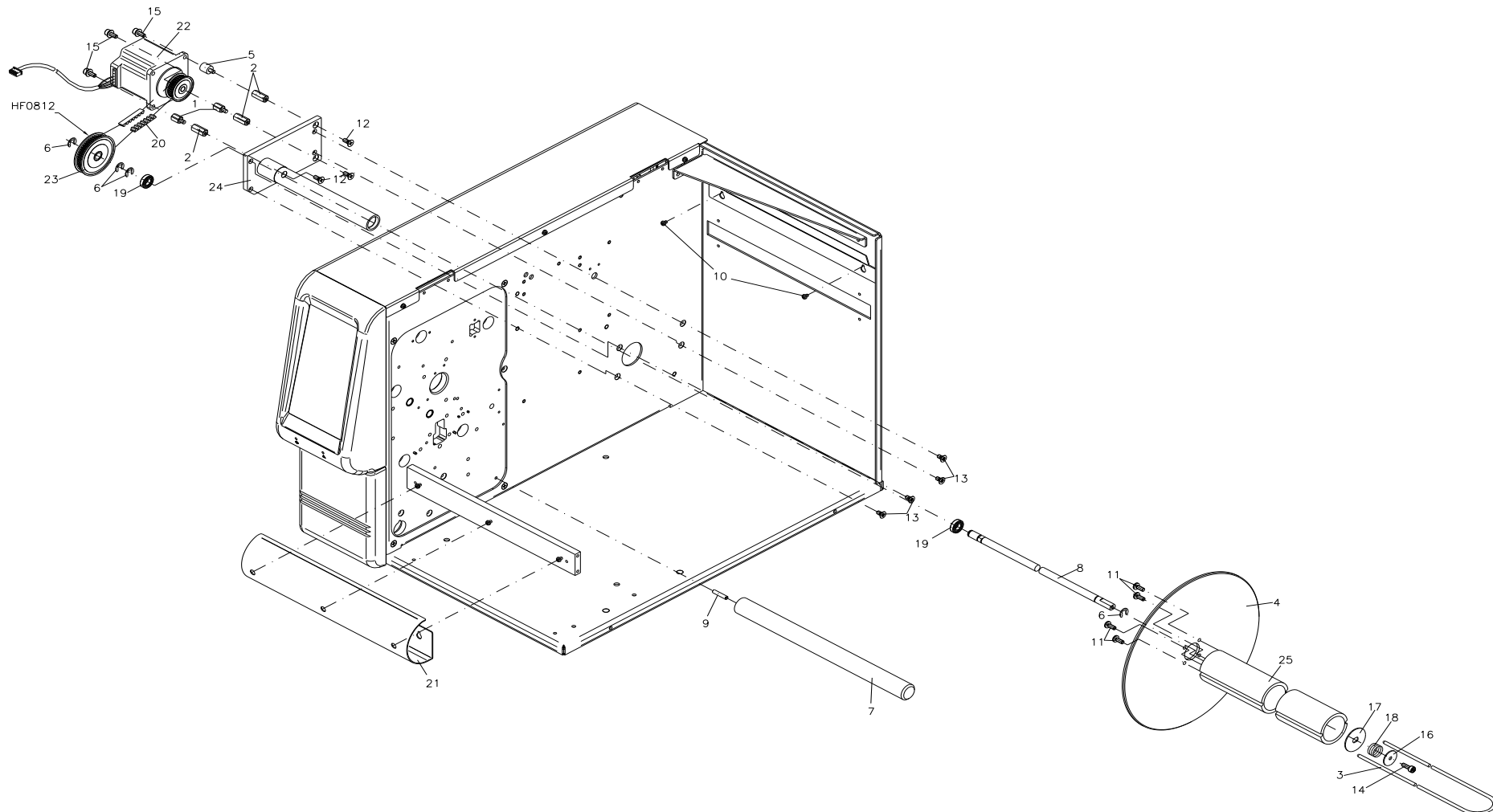
### INTERNAL REWINDER, INSIDE WINDING SPECTRA II 162, OPTION

| Pos | Ident-No.  | Description1                      | Description2                                      | Quantity |
|-----|------------|-----------------------------------|---------------------------------------------------|----------|
| 1   | 12.40.410  | Distance bolt M4x10               |                                                   | 2        |
| 2   | 12.40.417  | Distance bolt M4x17               | Spectra/SPE                                       | 3        |
| 3   | 12.88.703  | Clasp                             | Spectra 162/SPE 160                               | 1        |
| 4   | 16.88.710A | PLATE                             |                                                   | 1        |
| 5   | 37.28.010  | Vibration absorption              | Spectra/SPE/SPX                                   | 1        |
| 6   | 40.01.006V | Shaft protection 6 mm stainless   |                                                   | 4        |
| 7   | 46.81.920  | Return pulley                     | PA81/Spectra II 162                               | 1        |
| 8   | 46.88.703A | Bearing shaft                     | Spectra II 16X                                    | 1        |
| 9   | 48.10.420V | Setscrew M4x20 stainless          |                                                   | 1        |
| 10  | 48.14.304V | Pan screw M3x4 stainless          |                                                   | 2        |
| 11  | 48.14.410V | Pan screw M4x10 stainless         |                                                   | 4        |
| 12  | 48.15.002V | Pan screw M4x10 stainless         |                                                   | 3        |
| 13  | 48.15.408V | Pan screw M4x8 stainless          |                                                   | 4        |
| 14  | 48.16.412V | Socket cap screw M4x12 stainless  |                                                   | 1        |
| 15  | 48.26.410V | Screw-and-washer assembly M4x10   |                                                   | 3        |
| 16  | 50.01.096V | Lock washer 4.3x20x1.25 stainless |                                                   | 1        |
| 17  | 50.15.005  | Brake washer                      | Spectra/Vario/Vita/ILX/Duoprint, only replacement | 1        |
| 18* | 52.01.007  | Compression spring                | Spectra/SPE/Vario/PR25/26/28/45/48/49/ILX         | 1        |
| 19* | 57.01.006  | Grooved ball bearing              |                                                   | 2        |
| 20* | 59.88.225  | Toothed belt                      | Spectra                                           | 1        |
| 21  | 67.88.235  | Rewinding plate                   | Spectra 160/Spectra 162                           | 1        |
| 22  | 71.88.701A | Stepper motor inside winding      | Spectra II                                        | 1        |
| 23  | 72.88.049  | Toothed belt wheel cpl            | Spectra/SPE/SPX/Flexicode/ILX                     | 1        |
| 24  | 72.88.703  | Carrier plate cpl                 | Spectra 162/Spectra 216/SPE 160                   | 1        |
| 25  | 72.88.708  | Label rewinding roller cpl        | Spectra 162/SPE 160                               | 1        |

\*Recommended spare part

## 90.88.978A

### INTERNAL REWINDER, INSIDE WINDING SPECTRA II 216, OPTION



## 90.88.978A

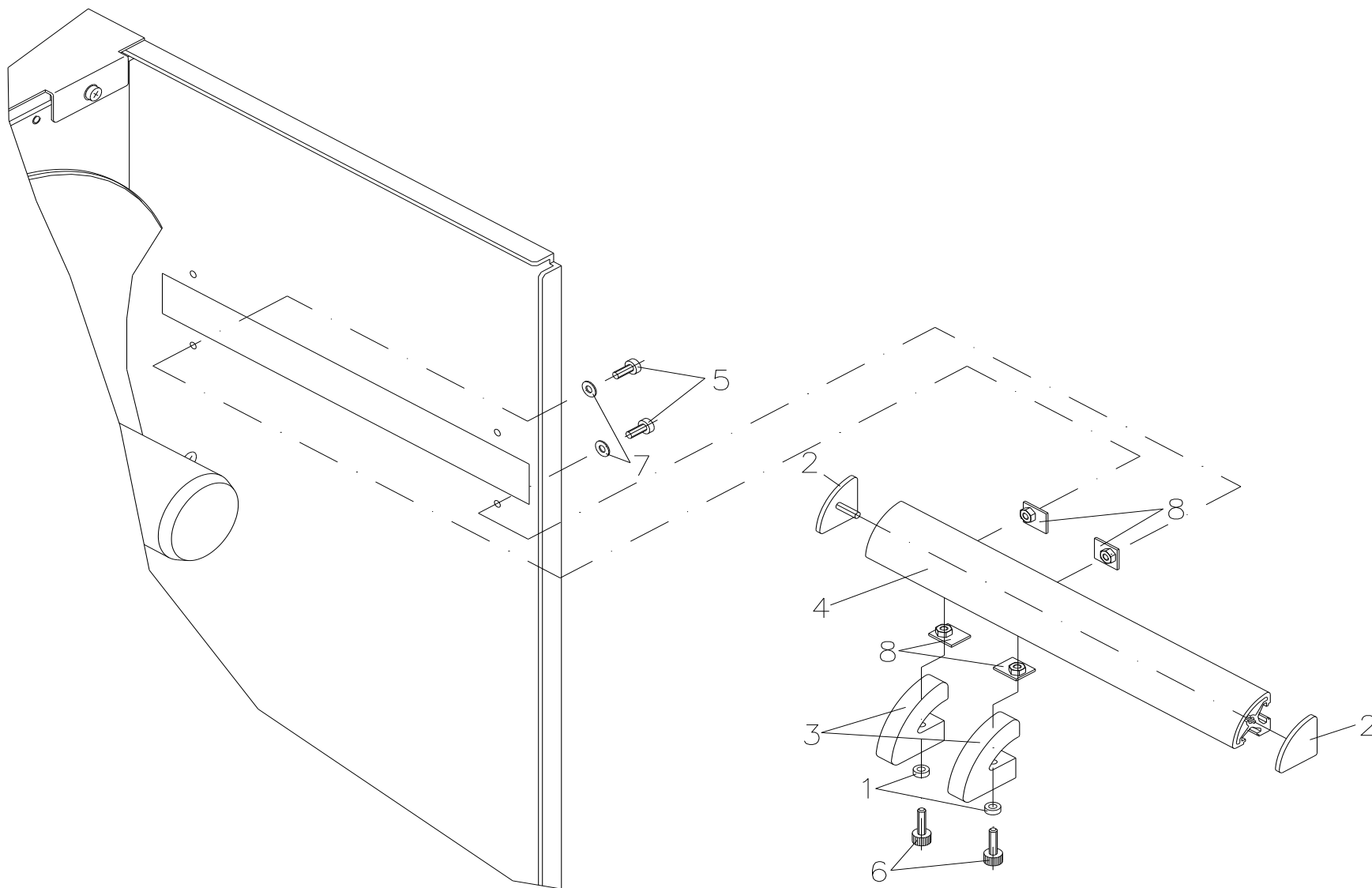
### INTERNAL REWINDER, INSIDE WINDING

#### SPECTRA II 216, OPTION

| Pos | Ident-No.  | Description1                      | Description2                                      | Quantity |
|-----|------------|-----------------------------------|---------------------------------------------------|----------|
| 1   | 12.40.410  | Distance bolt M4x10               |                                                   | 2        |
| 2   | 12.40.417  | Distance bolt M4x17               | Spectra/SPE                                       | 3        |
| 3   | 12.88.704  | Clasp                             | Spectra 216                                       | 1        |
| 4   | 16.88.710A | PLATE                             |                                                   | 1        |
| 5   | 37.28.010  | Vibration absorption              | Spectra/SPE/SPX                                   | 1        |
| 6   | 40.01.006V | Shaft protection 6 mm stainless   |                                                   | 4        |
| 7   | 46.88.325A | Return pulley                     | Spectra 216                                       | 1        |
| 8   | 46.88.704A | Bearing shaft                     | Spectra II 216                                    | 1        |
| 9   | 48.10.420V | Setscrew M4x20 stainless          |                                                   | 1        |
| 10  | 48.14.304V | Pan screw M3x4 stainless          |                                                   | 2        |
| 11  | 48.14.410V | Pan screw M4x10 stainless         |                                                   | 4        |
| 12  | 48.15.002V | Pan screw M4x10 stainless         |                                                   | 3        |
| 13  | 48.15.408V | Pan screw M4x8 stainless          |                                                   | 4        |
| 14  | 48.16.412V | Socket cap screw M4x12 stainless  |                                                   | 1        |
| 15  | 48.26.410V | Screw-and-washer assembly M4x10   |                                                   | 3        |
| 16  | 50.01.096V | Lock washer 4.3x20x1.25 stainless |                                                   | 1        |
| 17  | 50.15.005  | Brake washer                      | Spectra/Vario/Vita/ILX/Duoprint, only replacement | 1        |
| 18* | 52.01.007  | Compression spring                | Spectra/SPE/Vario/PR25/26/28/45/48/49/ILX         | 1        |
| 19* | 57.01.006  | Grooved ball bearing              |                                                   | 2        |
| 20* | 59.88.225  | Toothed belt                      | Spectra                                           | 1        |
| 21  | 67.88.335  | REWINDING PLATE                   |                                                   | 1        |
| 22  | 71.88.701A | Stepper motor inside winding      | Spectra II                                        | 1        |
| 23  | 72.88.049  | Toothed belt wheel cpl            | Spectra/SPE/SPX/Flexicode/ILX                     | 1        |
| 24  | 72.88.703  | Carrier plate cpl                 | Spectra 162/Spectra 216/SPE 160                   | 1        |
| 25  | 72.88.709  | Label rewinding roller cpl        | Spectra 216                                       | 1        |

\*Recommended spare part

**90.88.990**  
**LEPORELLO GUIDING**  
**SPECTRA/SPECTRA II 16X**



## 90.88.990

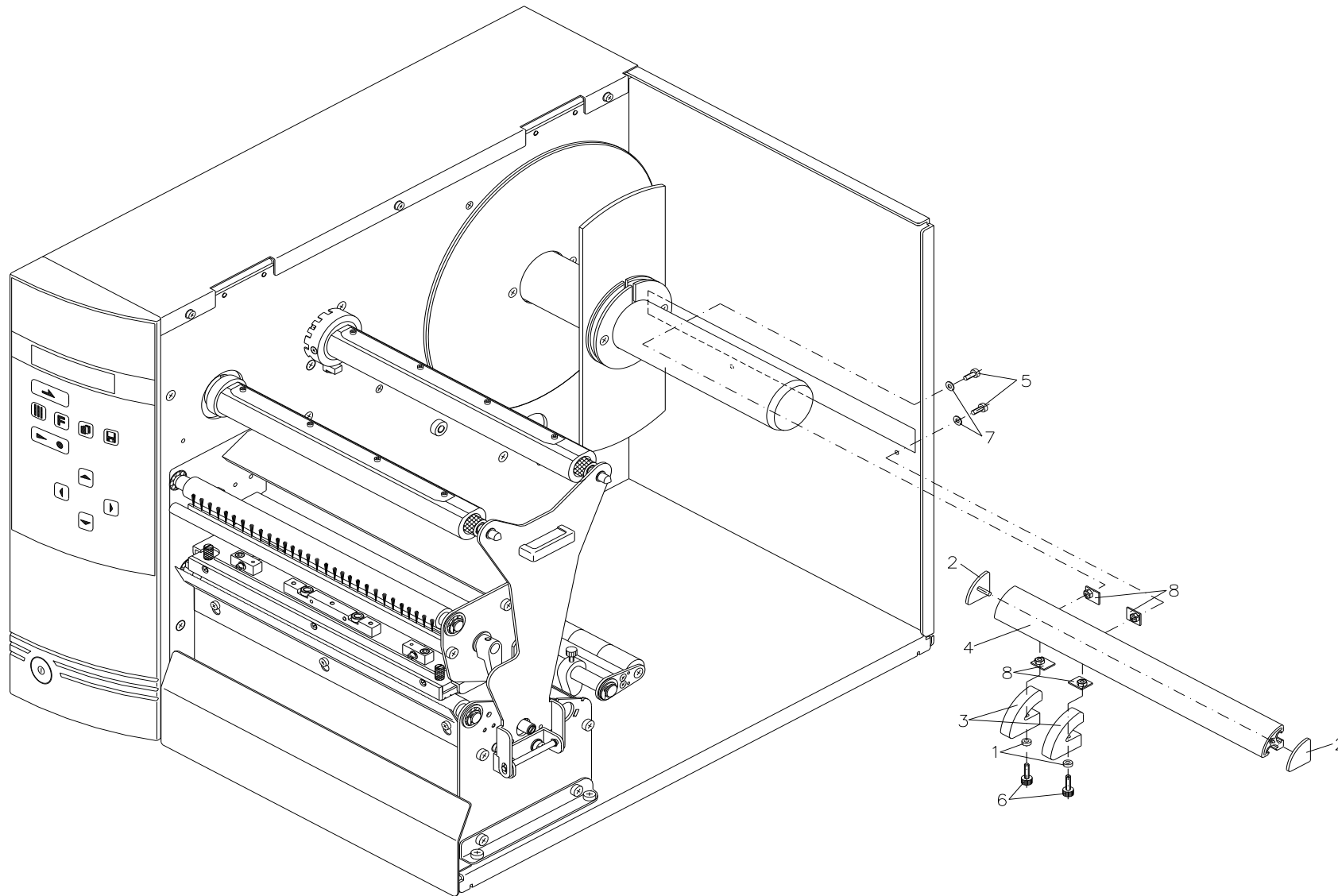
### LEPORELLO GUIDING

#### SPECTRA/SPECTRA II 16X

| Pos | Ident-No. | Description1        | Description2      | Quantity |
|-----|-----------|---------------------|-------------------|----------|
| 1   | 10.55.005 | Spacer ring         | Vario/Spectra     | 2        |
| 2   | 16.55.005 | Cover               | Vario/Spectra/SPE | 2        |
| 3   | 16.55.060 | Label guiding       | Vario/Spectra     | 2        |
| 4   | 45.88.903 | F profile           | Spectra 162       | 1        |
| 5   | 48.14.308 | Pan screw M3x8      |                   | 2        |
| 6*  | 48.16.005 | Knurled screw M3x12 |                   | 2        |
| 7   | 50.01.057 | Lock washer 3.2     |                   | 2        |
| 8   | 67.55.101 | Dome nut            | Vario/Spectra     | 4        |

\*Recommended spare part

**90.88.992**  
**LEPORELLO GUIDING**  
**SPECTRA 216, OPTION**



## 90.88.992

### LEPORELLO GUIDING SPECTRA 216, OPTION

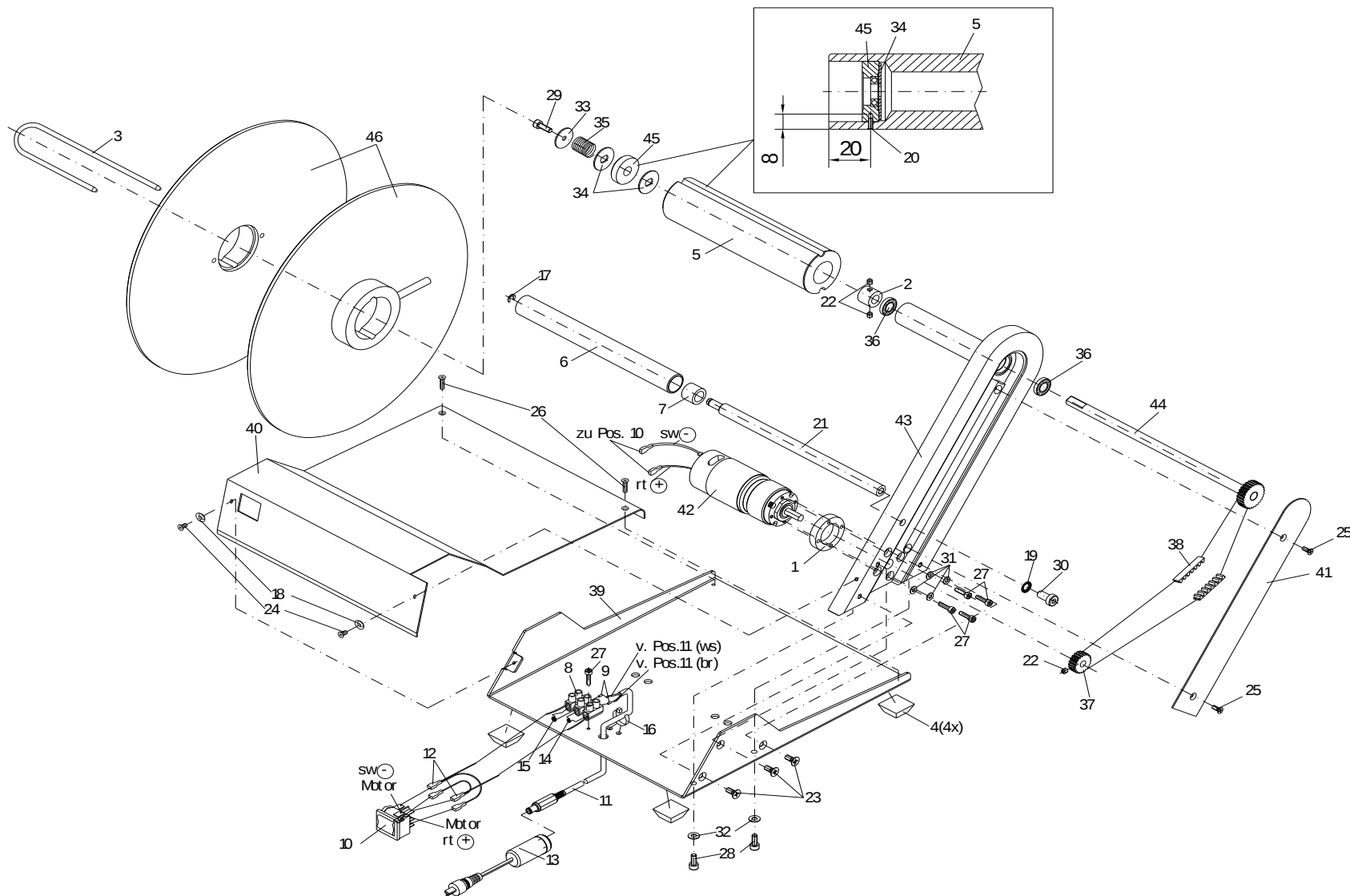
| Pos | Ident-No. | Description1        | Description2      | Quantity |
|-----|-----------|---------------------|-------------------|----------|
| 1   | 10.55.005 | Spacer ring         | Vario/Spectra     | 2        |
| 2   | 16.55.005 | Cover               | Vario/Spectra/SPE | 2        |
| 3   | 16.55.060 | Label guiding       | Vario/Spectra     | 2        |
| 4   | 45.88.904 | F profile 243 mm    | Spectra 216       | 1        |
| 5   | 48.14.308 | Pan screw M3x8      |                   | 2        |
| 6*  | 48.16.005 | Knurled screw M3x12 |                   | 2        |
| 7   | 50.01.057 | Lock washer 3.2     |                   | 2        |
| 8   | 67.55.101 | Dome nut            | Vario/Spectra     | 4        |

\*Recommended spare part

**92.66.014**

**REWINDER PR 45 II**

**DIAMETER = 270 MM, MAX PRINT SPEED UP TO 300 MM/S**



## 92.66.014

REWINDER PR 45 II

DIAMETER = 270 MM, MAX PRINT SPEED UP TO 300 MM/S

| Pos | Ident-No. | Description1                                  | Description2 | Quantity |
|-----|-----------|-----------------------------------------------|--------------|----------|
| 1   | 10.92.010 | Intermediate ring                             | PR45 II      | 1        |
| 2   | 10.92.030 | Adjusting ring                                | PR 45        | 1        |
| 3   | 12.92.010 | Clamp                                         | PR45         | 1        |
| 4*  | 16.01.011 | Elastic bumper self-adhesive 20.6x20.6x7.6 mm |              | 4        |
| 5   | 16.92.005 | Rewinding roll                                | PR45         | 1        |
| 6   | 16.92.007 | Bogie wheel                                   | PR45         | 1        |
| 7   | 16.92.009 | Bearing                                       | PR45         | 1        |
| 8   | 25.05.001 | CONNECTOR                                     |              | 0,3      |
| 9   | 25.09.002 | Ferrule 0.25                                  |              | 2        |
| 10  | 26.01.048 | Switch 2pin                                   |              | 1        |
| 11  | 28.48.925 | Winder connecting cable for PR48/PR 45 II     |              | 1        |
| 12  | 28.92.003 | Cable cpl                                     | PR 45        | 2        |
| 13  | 28.92.015 | Adapter cable                                 |              | 1        |
| 14  | 29.02.005 | Condenser                                     |              | 1        |
| 15  | 30.08.010 | Resistance 22 OHM 10%                         |              | 1        |
| 16  | 35.01.002 | Cable joint 100x2.5 mm                        |              | 1        |
| 17  | 40.01.004 | Shaft protection 4 mm                         |              | 1        |
| 18  | 41.01.007 | Rosette 4x9 mm                                |              | 2        |
| 19  | 41.03.006 | Lock washer M6                                |              | 1        |
| 20  | 42.03.002 | Grooved taper pin 2x6                         |              | 1        |
| 21  | 46.92.005 | Return pulley                                 | PR45         | 1        |
| 22  | 48.10.005 | Setscrew M4x4                                 |              | 3        |
| 23  | 48.15.002 | Pan screw M4x10                               |              | 3        |
| 24  | 48.15.003 | Countersunk screw M3x6                        |              | 2        |
| 25  | 48.15.308 | Countersunk screw M3x8                        |              | 2        |
| 26  | 48.15.312 | Countersunk screw M3x12                       |              | 2        |
| 27  | 48.16.312 | Socket cap screw M3x12                        |              | 5        |
| 28  | 48.16.410 | Socket cap screw M4x10                        |              | 2        |

\*Recommended spare part

## 92.66.014

REWINDER PR 45 II

DIAMETER = 270 MM, MAX PRINT SPEED UP TO 300 MM/S

| Pos | Ident-No. | Description1              | Description2                                      | Quantity |
|-----|-----------|---------------------------|---------------------------------------------------|----------|
| 29  | 48.16.412 | Socket cap screw M4x12    |                                                   | 1        |
| 30  | 48.20.612 | Socket cap screw M6x12    |                                                   | 1        |
| 31  | 50.01.057 | Lock washer 3.2           |                                                   | 4        |
| 32  | 50.01.065 | Lock washer 4.3           |                                                   | 2        |
| 33  | 50.01.096 | Lock washer 4.3x20x1.25   |                                                   | 1        |
| 34  | 50.15.005 | Brake washer              | Spectra/Vario/Vita/ILX/Duoprint, only replacement | 2        |
| 35* | 52.01.007 | Compression spring        | Spectra/SPE/Vario/PR25/26/28/45/48/49/ILX         | 1        |
| 36* | 57.01.006 | Grooved ball bearing      |                                                   | 2        |
| 37  | 59.02.045 | Toothed belt wheel        | PR45 II                                           | 1        |
| 38  | 59.02.459 | COGGED BELT DRIVE         |                                                   | 1        |
| 39  | 66.92.002 | BOTTOM PLATE              |                                                   | 1        |
| 40  | 66.92.006 | COVER BASE                |                                                   | 1        |
| 41  | 66.92.016 | COVER                     |                                                   | 1        |
| 42  | 71.92.003 | Motor cpl                 | PR45 II                                           | 1        |
| 43  | 72.92.016 | Support cpl               | PR45 II                                           | 1        |
| 44  | 72.92.018 | Bearing shaft cpl         | PR45 II                                           | 1        |
| 45  | 72.92.020 | Brake ring cpl            | PR45                                              | 1        |
| 46  | 72.92.027 | Roller disc cpl 270/40 mm | PR45                                              | 2        |

\*Recommended spare part

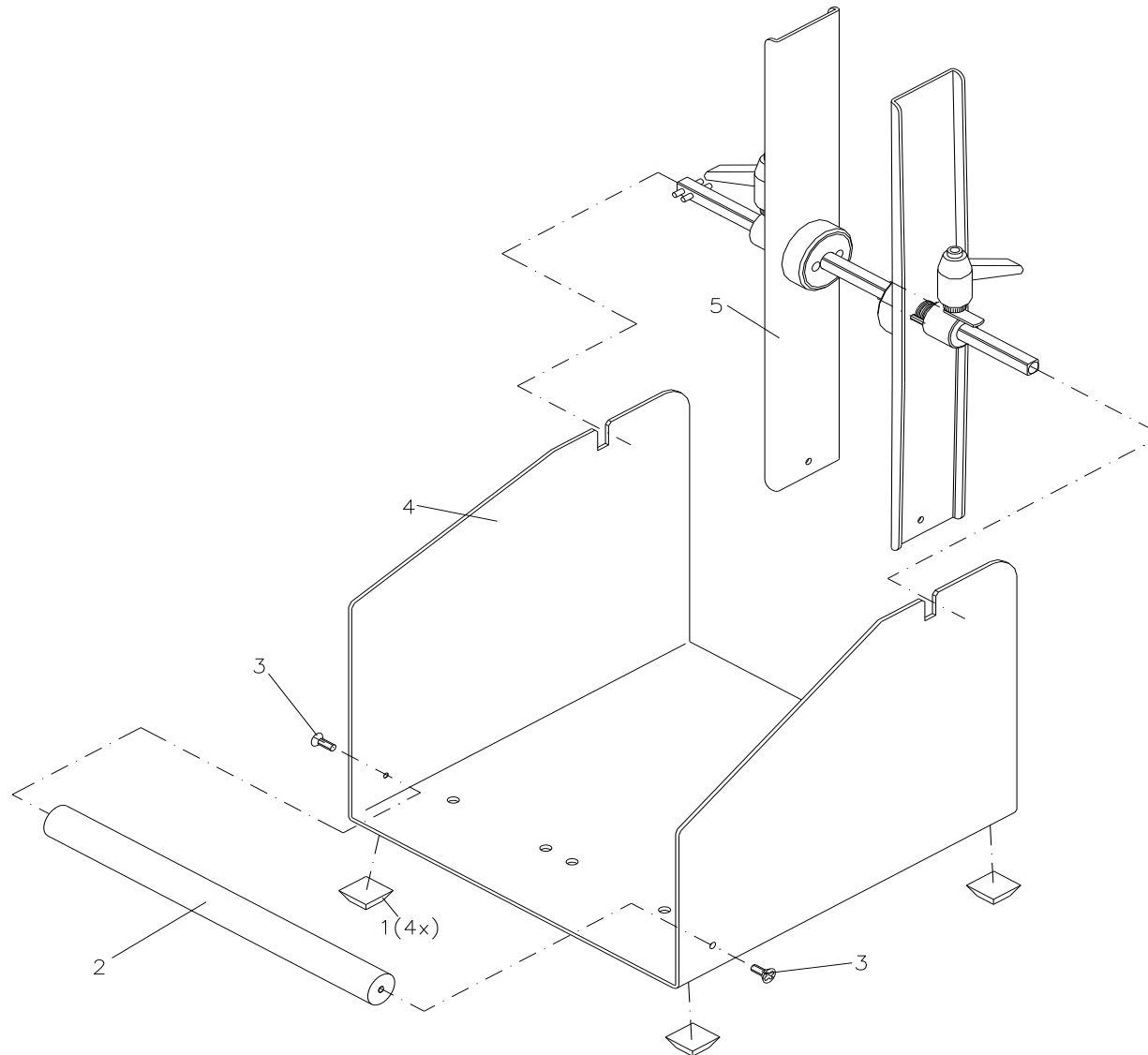
Modifications and errors excepted

Spectra II: 06.2023

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## 92.66.050A

UNWINDER PA 50A, FOR LABEL CORE 40 MM  
COMPA/VARIO/VITA/SPECTRA



## 92.66.050A

UNWINDER PA 50A, FOR LABEL CORE 40 MM  
COMPA/VARIO/VITA/SPECTRA

| Pos | Ident-No. | Description1                                  | Description2        | Quantity |
|-----|-----------|-----------------------------------------------|---------------------|----------|
| 1*  | 16.01.011 | Elastic bumper self-adhesive 20.6x20.6x7.6 mm |                     | 4        |
| 2   | 46.92.010 | Return pulley                                 | PA50A               | 1        |
| 3   | 48.15.412 | Pan screw M4x12                               |                     | 2        |
| 4   | 66.92.103 | Unwinding unit                                | Compa/Vario/Spectra | 1        |
| 5   | 72.92.075 | Roller bearing shaft cpl 40 mm                | PA50/PA60           | 1        |

\*Recommended spare part