































































































































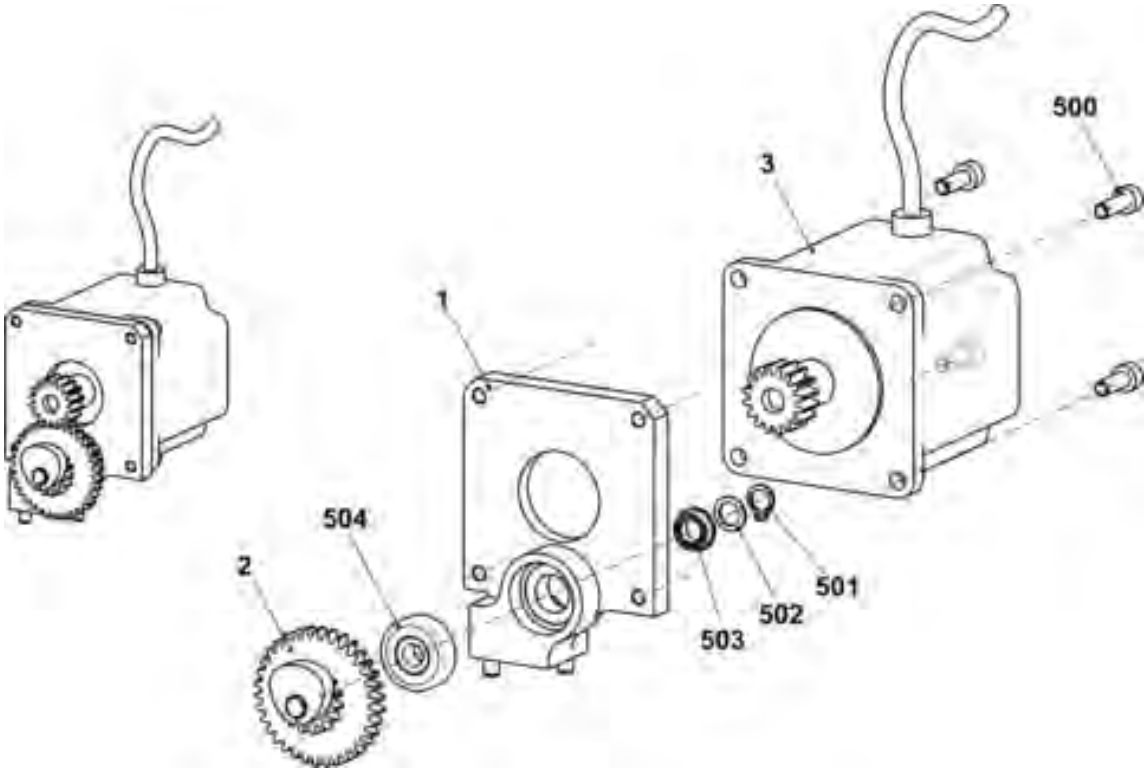






5.1.8.5 Control unit holding-down jacks

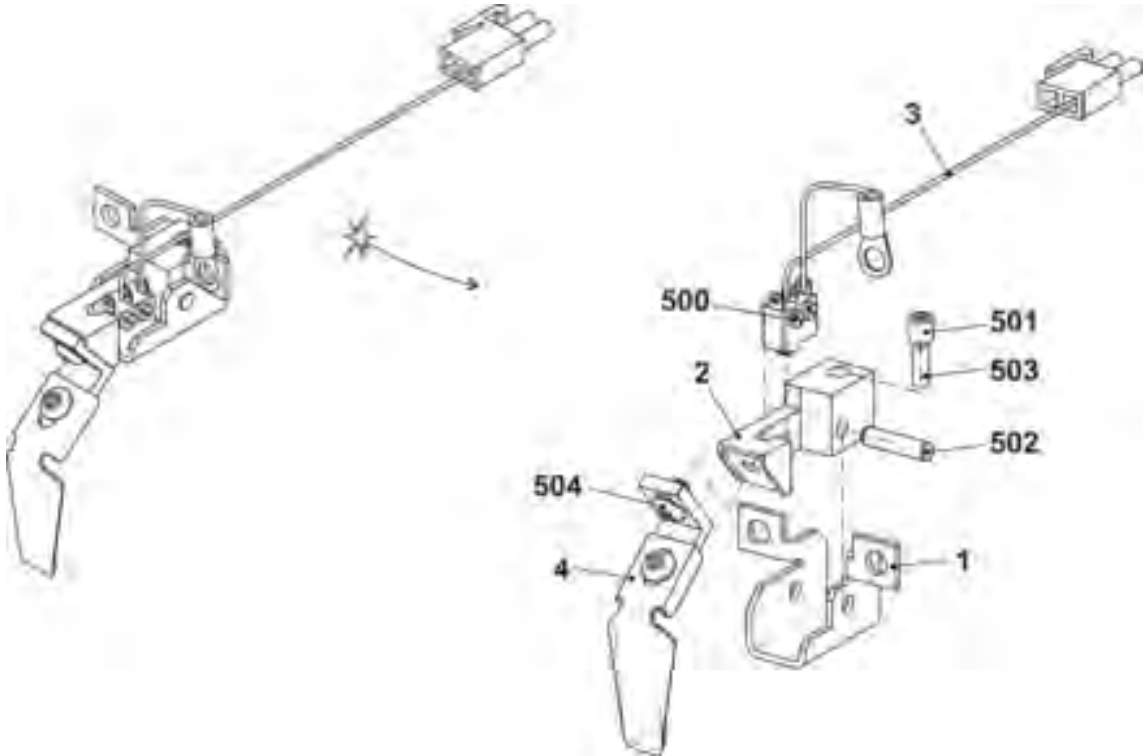
| Pos | Designation                     | ID      |  | Pos | Designation                  | ID      |
|-----|---------------------------------|---------|--|-----|------------------------------|---------|
| Σ   | Control unit holding-down jacks | 239 342 |  |     |                              |         |
| 1   | Motor plate                     | 239 336 |  | 501 | Locking ring6x0,7            | 023 298 |
| 2   | Gear wheel complete             | 239 341 |  | 502 | Washer6,1x9x0,5              | 023 554 |
| 3   | Motor complete                  | 239 343 |  | 503 | Grooved ball bearing 6x10x3  | 023 533 |
| 500 | Cap screwM4x12                  | 022 664 |  | 504 | Grooved ball bearing 626-2RS | 023 587 |



5.1 Overview of carriage

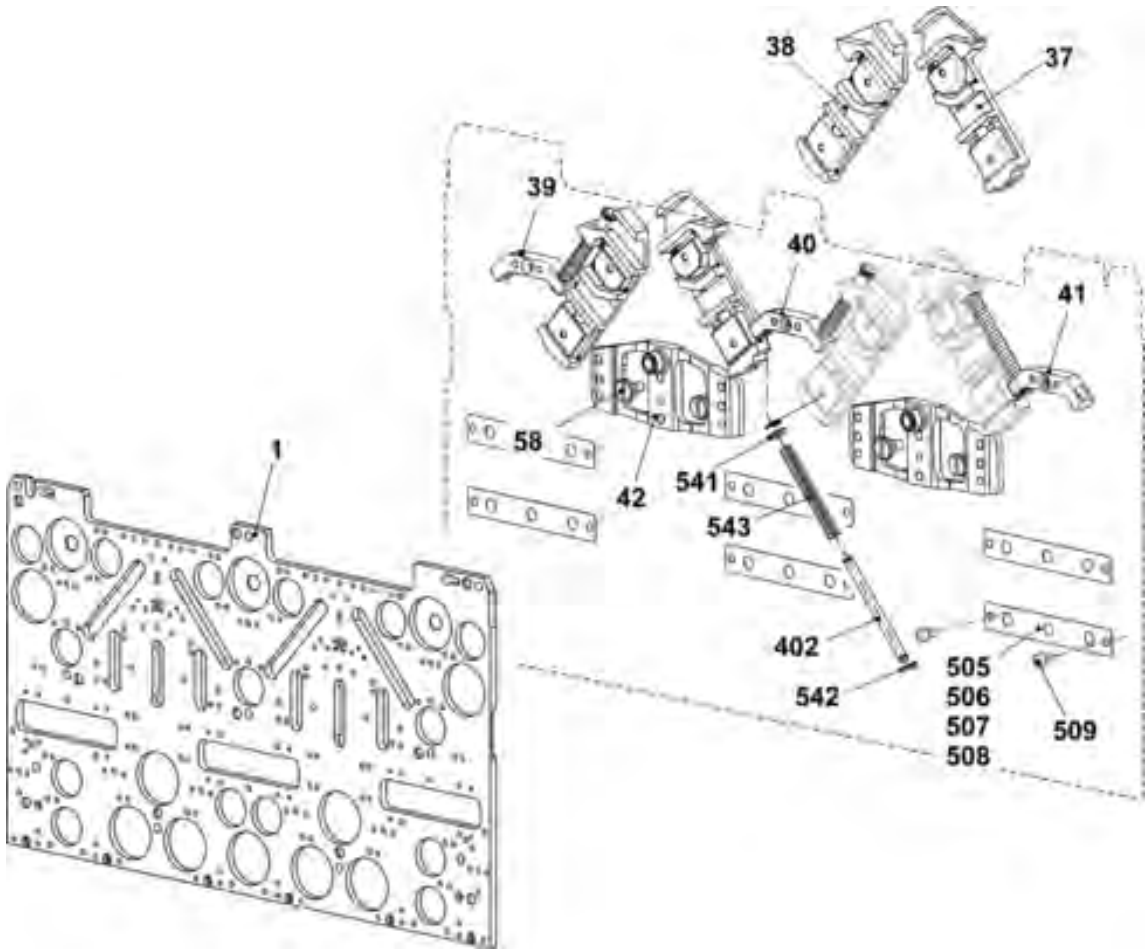
5.1.9 Needle detector

| Pos | Designation                       | ID      |  | Pos | Designation                    | ID      |
|-----|-----------------------------------|---------|--|-----|--------------------------------|---------|
| Σ   | Needle detector E5-14             | 239 444 |  | 500 | Pan-head screwM2x8             | 258 310 |
| 1   | Holder needle stop                | 239 405 |  | 501 | SetscrewM5x8                   | 022 809 |
| 2   | Switching part                    | 239 368 |  | 502 | Dowel pin 4x16                 | 020 660 |
| 3   | Cable of needle detector complete | 240 018 |  | 503 | Compression spring 4,3x0,45x10 | 021 398 |
| 4   | Sensor pre-assembled E5-14        | 221 758 |  | 504 | Pan-head screwM4x6             | 023 427 |



5.1.10 Cam box E5 | E5m.4 | E7m.5 | E2,5.2 | E3,5.2kw | E5.2

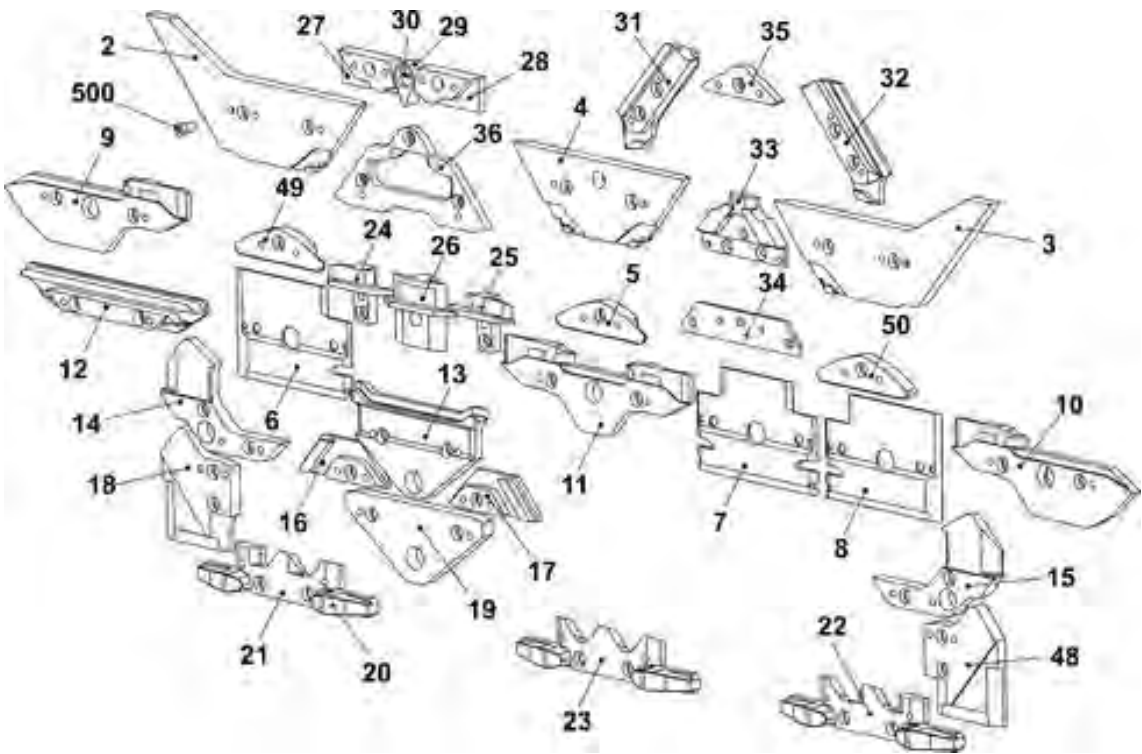
| Pos | Designation                                 |               | ID      |  | Pos | Designation         |                    | ID      |
|-----|---------------------------------------------|---------------|---------|--|-----|---------------------|--------------------|---------|
| Σ   | Cam box set complete E5                     |               | 244 239 |  |     | 542                 | Circlip 3,2        | 021 019 |
| 1   | Cam plate                                   |               | 241 760 |  |     | 543                 | Compression spring | 250 515 |
| 37  | Loop sinking cam on the right completeE5-10 |               | 211 163 |  | 42  | Switching piece     |                    | 240 281 |
| 38  | Loop sinking cam on the left completeE5-10  |               | 211 164 |  | 58  | Shoulder screw      |                    | 239 626 |
| 39  | Rod guide element on the left               |               | 211 165 |  | 505 | Shim0,03x12x75      |                    | 022 828 |
| 40  | Rod guide element in the middle             |               | 211 166 |  | 506 | Shim0,05x12x75      |                    | 022 829 |
| 41  | Rod guide element on the right              |               | 211 168 |  | 507 | Shim0,1x12x75       |                    | 022 830 |
|     | 402                                         | Spring rod    | 209 791 |  | 508 | Shim0,2x12x75       |                    | 022 831 |
|     | 541                                         | Disk4,3x7x0,5 | 022 153 |  | 509 | Pan-head screw M3x4 |                    | 023 142 |



5.1 Overview of carriage

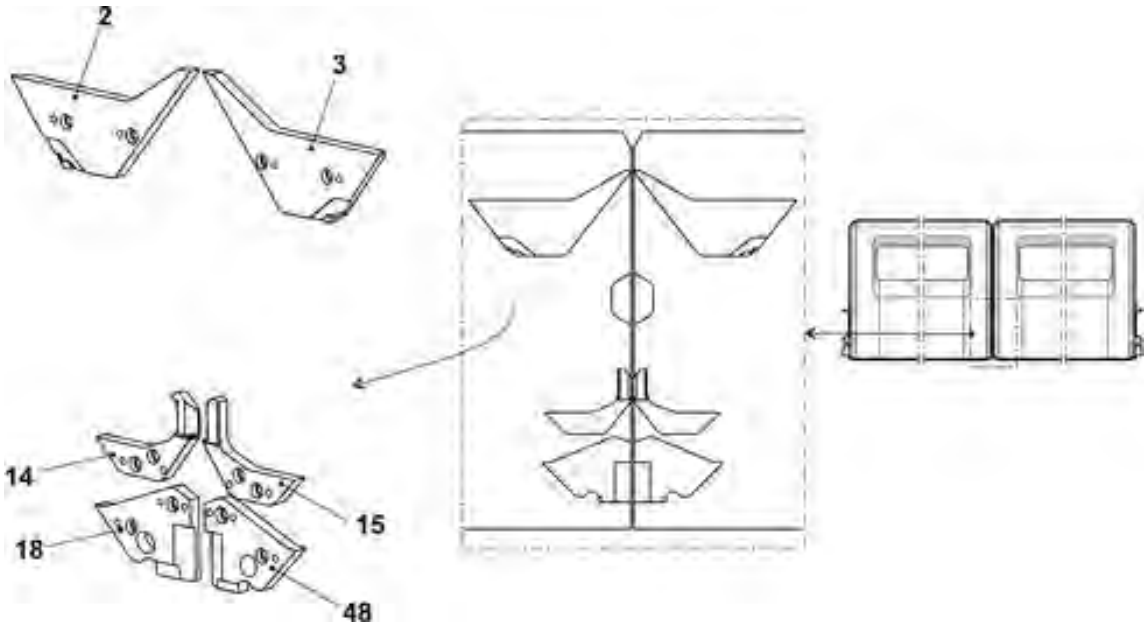
5.1.10.1 Cams E5 | E5m.4 | E7m.5 | E2,5.2 | E3,5.2kw | E5

| Pos | Designation                                     | ID      | Pos | Designation                                             | ID      |
|-----|-------------------------------------------------|---------|-----|---------------------------------------------------------|---------|
| 2   | Entry cam on the left                           | 213 304 | 23  | Selection cam                                           | 212 946 |
| 3   | Entry cam on the right                          | 213 303 | 24  | Pressure part receiving on the left                     | 239 848 |
| 4   | Entry cam in the middle                         | 210 285 | 25  | Pressure part receiving on the right                    | 239 849 |
| 5   | Entry cam in the middle bottom<br>E2,5.2+E3,5.2 | 235 719 | 26  | Tuck pressure part                                      | 239 621 |
| 6   | Plate on the left                               | 230 988 | 27  | Limiting cam on the left E5                             | 210 289 |
| 7   | Plate in the middle                             | 231 035 | 28  | Limiting cam on the right E5                            | 210 290 |
| 8   | Plate on the right                              | 231 036 | 29  | Pointer E2,5.2   E3,5.2                                 | 229 505 |
| 9   | Cam on the left                                 | 231 039 | 30  | Screw                                                   | 210 335 |
| 10  | Cam part at the right                           | 231 041 | 31  | Stitch cam on the left E2,5.2+E3,5.2                    | 235 712 |
| 11  | Cam part at the center                          | 231 040 | 32  | Stitch cam on the right E2,5.2+E3,5.2                   | 235 713 |
| 12  | Cam part                                        | 227 923 | 33  | Tuck limiting cam E5                                    | 214 051 |
| 13  | Cam part                                        | 210 254 | 34  | Raising cam plate E4-12                                 | 204 372 |
| 14  | Cam on the left E5-14                           | 212 265 | 35  | Receiving cam E5                                        | 210 386 |
| 15  | Cam at the right E5-14                          | 212 266 | 36  | Raising cam without split-stitchE5                      | 213 302 |
| 16  | Cam on the left                                 | 236 192 |     | Raising cam with split-stitch E5<br>(Accessories)       | 213 294 |
| 17  | Cam part at the right                           | 236 193 | 48  | Cam at the right E5-14                                  | 212 275 |
| 18  | Cam on the left E5-14                           | 212 274 | 49  | Entry cam at the bottom on the left E2,5.2  <br>E3,5.2  | 235 718 |
| 19  | Cam part                                        | 210 252 | 50  | Entry cam at the bottom on the right E2,5.2<br>  E3,5.2 | 235 720 |
| 20  | Offering cam                                    | 210 185 | 51  | Shoulder screw                                          | 239 626 |
| 21  | Selection cam on the left                       | 212 944 | 500 | Cap screwM4x8                                           | 020 091 |
| 22  | Selection cam on the right                      | 212 947 |     |                                                         |         |



5.1.10.2 Cams for narrow coupling E5 | E7 | E8 | E5m.4 | E7m.5 | E7m.8 | E8m.7 | E2,5.2 | E3,5.2 | E5.2

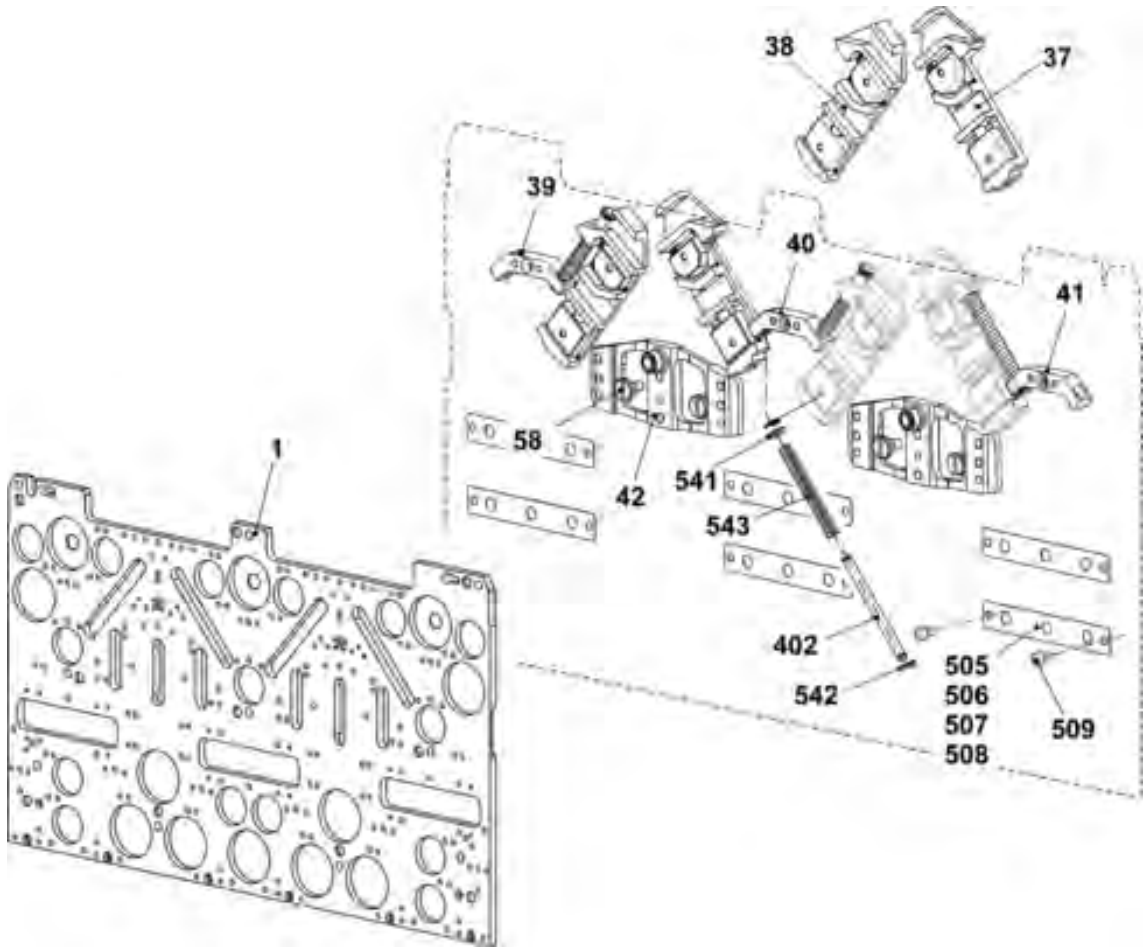
| Pos | Designation                  | ID      |  | Pos | Designation                 | ID      |
|-----|------------------------------|---------|--|-----|-----------------------------|---------|
| 2   | Entry cam on the right E5-14 | 216 220 |  | 3   | Entry cam on the left E5-14 | 216 221 |
| 14  | Cam at the right E5-14       | 216 168 |  | 15  | Cam on the left E5-14       | 216 167 |
| 18  | Cam at the right             | 216 166 |  | 48  | Cam on the left             | 216 165 |



5.1 Overview of carriage

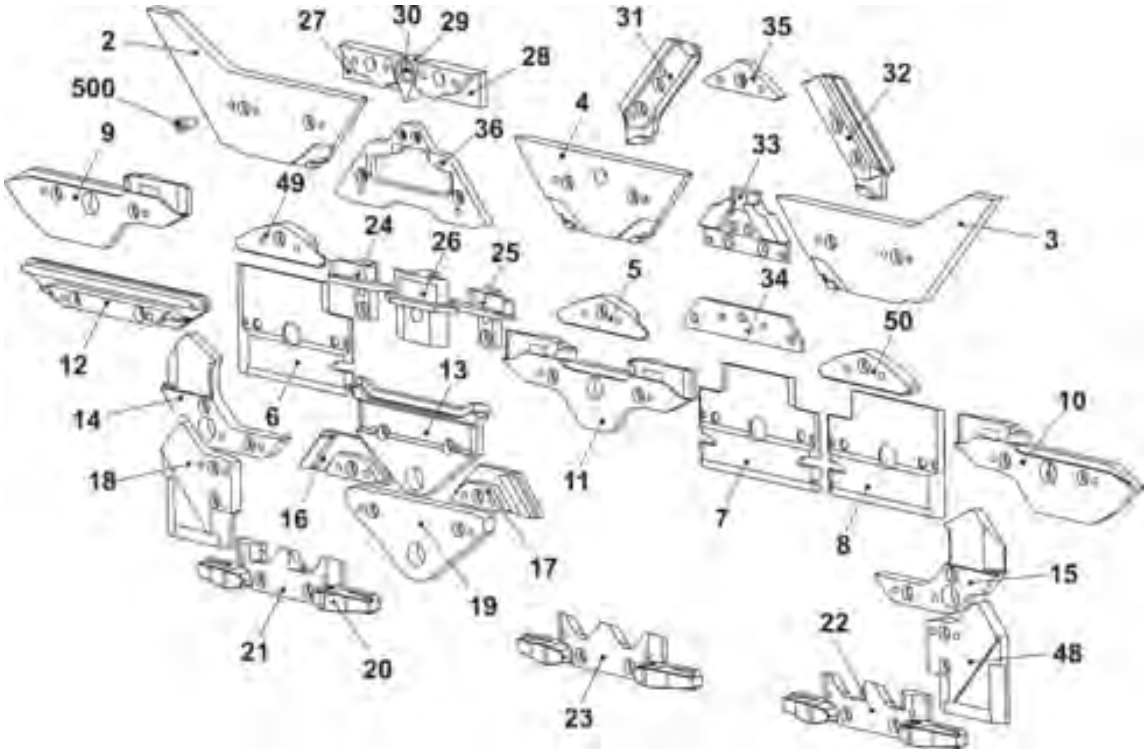
5.1.11 Cam box E7 | E8 | E7m.8 | E8m.7

| Pos | Designation                                 | ID      | Pos | Designation         | ID      |
|-----|---------------------------------------------|---------|-----|---------------------|---------|
| Σ   | Cam box set complete E3                     | 244 389 | 542 | Circlip 3,2         | 021 019 |
| 1   | Cam plate                                   | 241 760 | 543 | Compression spring  | 250 515 |
| 37  | Loop sinking cam on the right completeE5-10 | 211 163 | 42  | Switching piece     | 240 281 |
| 38  | Loop sinking cam on the left completeE5-10  | 211 164 | 58  | Shoulder screw      | 239 626 |
| 39  | Rod guide element on the left               | 211 165 | 505 | Shim0,03x12x75      | 022 828 |
| 40  | Rod guide element in the middle             | 211 166 | 506 | Shim0,05x12x75      | 022 829 |
| 41  | Rod guide element on the right              | 211 168 | 507 | Shim0,1x12x75       | 022 830 |
| 402 | Spring rod                                  | 209 791 | 508 | Shim0,2x12x75       | 022 831 |
| 541 | Disk4,3x7x0,5                               | 022 153 | 509 | Pan-head screw M3x4 | 023 142 |



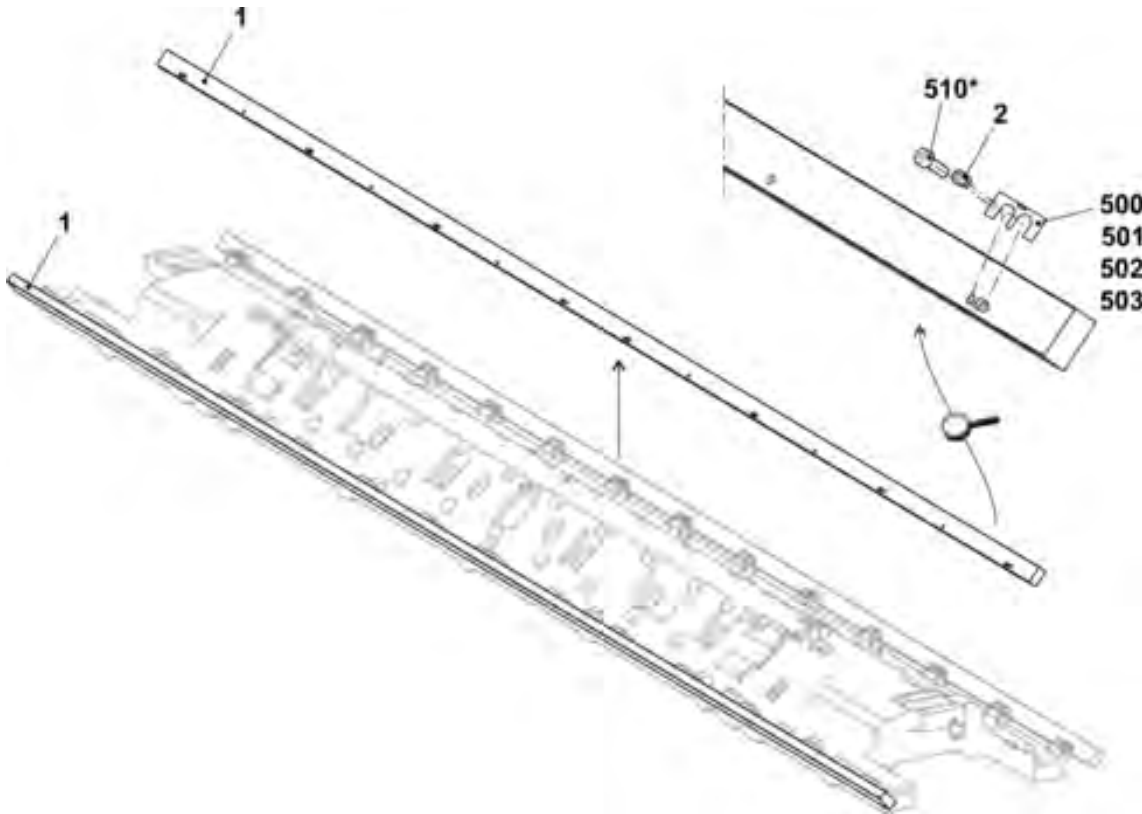
5.1.11.1 Cams E7 | E8 | E7m.8 | E8m.7

| Pos | Designation                  | ID      | Pos | Designation                          | ID      |
|-----|------------------------------|---------|-----|--------------------------------------|---------|
| 2   | Entry cam on the left        | 213 304 | 23  | Selection cam                        | 212 946 |
| 3   | Entry cam on the right       | 213 303 | 24  | Pressure part receiving on the left  | 239 848 |
| 4   | Entry cam in the middle      | 210 285 | 25  | Pressure part receiving on the right | 239 849 |
| 5   | Entry cam at the bottom E5-8 | 212 395 | 26  | Tuck pressure part                   | 239 621 |
| 6   | Plate on the left            | 230 988 | 27  | Limiting cam on the left E7-8        | 210 291 |
| 7   | Plate in the middle          | 231 035 | 28  | Limiting cam on the right E7-8       | 210 292 |
| 8   | Plate on the right           | 231 036 | 29  | Pointer E5-8                         | 210 336 |
| 9   | Cam on the left              | 231 039 | 30  | Screw                                | 210 335 |
| 10  | Cam part at the right        | 231 041 | 31  | Stitch cam on the left E7-8          | 210 324 |
| 11  | Cam part at the center       | 231 040 | 32  | Stitch cam on the right E7-8         | 210 323 |
| 12  | Cam part                     | 227 923 | 33  | Tuck limiting cam E7-8               | 255 056 |
| 13  | Cam part                     | 210 254 | 34  | Raising cam plate E4-12              | 204 372 |
| 14  | Cam on the left E5-14        | 212 265 | 35  | Receiving cam E7-8                   | 210 339 |
| 15  | Cam at the right E5-14       | 212 266 | 36  | Raising cam without split-stitchE7-8 | 255 055 |
| 16  | Cam on the left              | 236 192 |     | Raising cam with split-stitchE7-8    | 255 192 |
| 17  | Cam part at the right        | 236 193 |     | Accessories                          |         |
| 18  | Cam on the left E5-14        | 212 274 | 48  | Cam at the right E5-14               | 212 275 |
| 19  | Cam part                     | 210 252 | 49  | Entry cam on the left E5-8           | 213 161 |
| 20  | Offering cam                 | 210 185 | 50  | Entry cam on the right E5-8          | 213 162 |
| 21  | Selection cam on the left    | 212 944 | 500 | Cap screwM4x8                        | 020 091 |
| 22  | Selection cam on the right   | 212 947 |     |                                      |         |

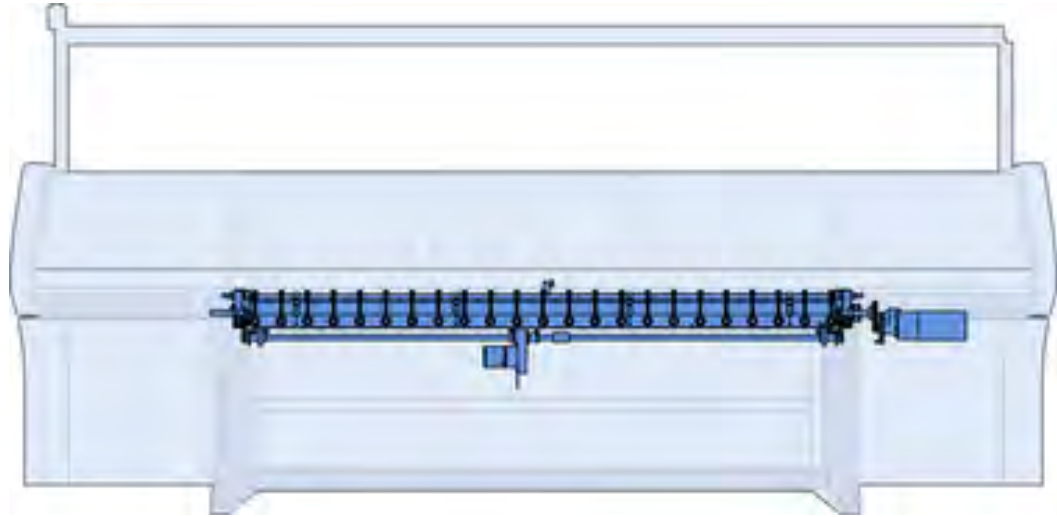


5.2 Spare parts package carriage guide rail

| Pos | Designation                                 | ID      |  | Pos  | Designation     | ID      |
|-----|---------------------------------------------|---------|--|------|-----------------|---------|
| Σ   | Spare parts package carriage guide rail 84" | 252 993 |  | 501  | Shim 0,05x22x42 | 243 291 |
| 1   | Carriage guide rail                         | 242 486 |  | 502  | Shim 0,10x22x42 | 243 292 |
| 2   | Adjusting eccentric                         | 241 219 |  | 503  | Shim 0,20x22x42 | 243 293 |
| 500 | Shim 0,03x22x42                             | 243 289 |  | 510* | Cap screwM8x20  | 020 141 |

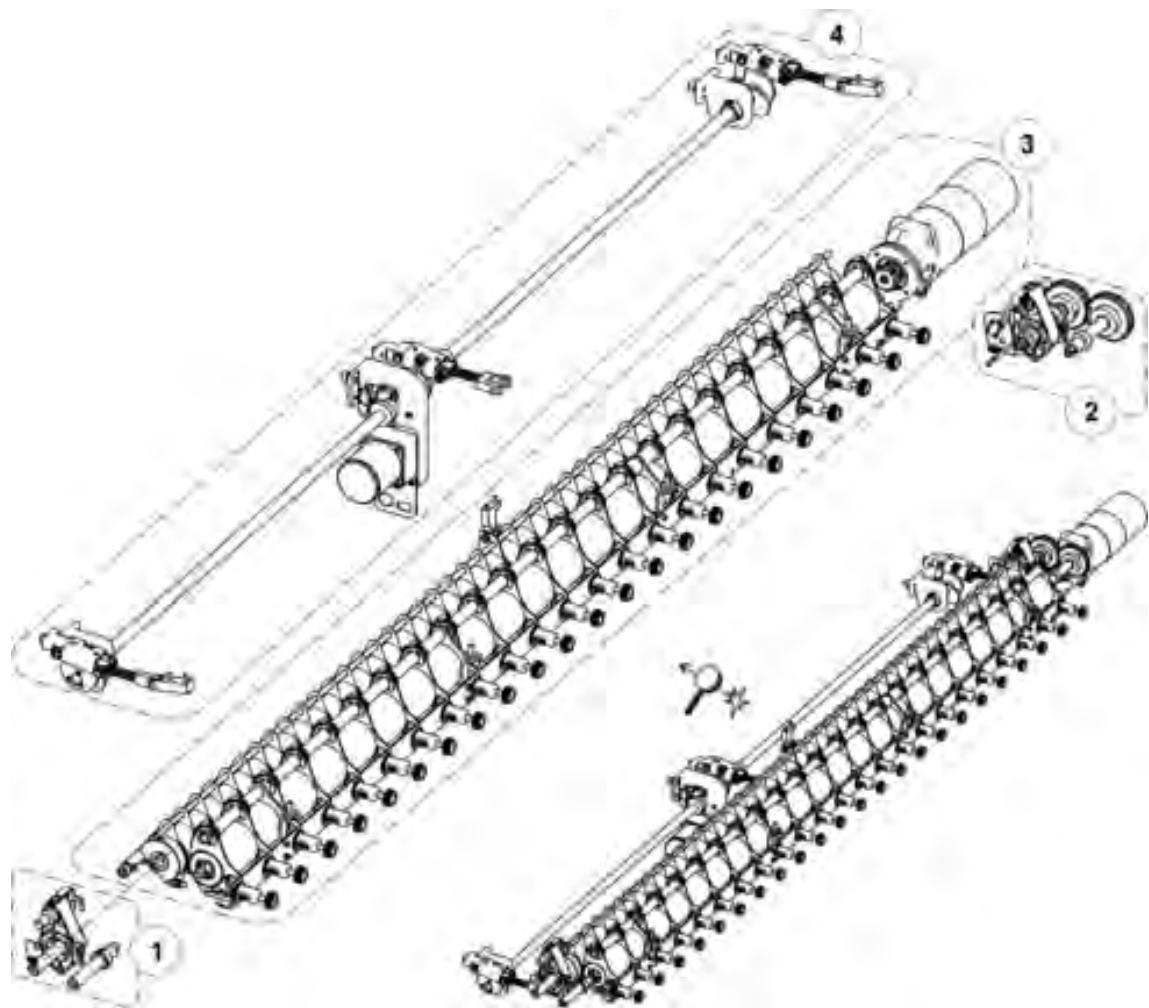


## 6 Main take-down



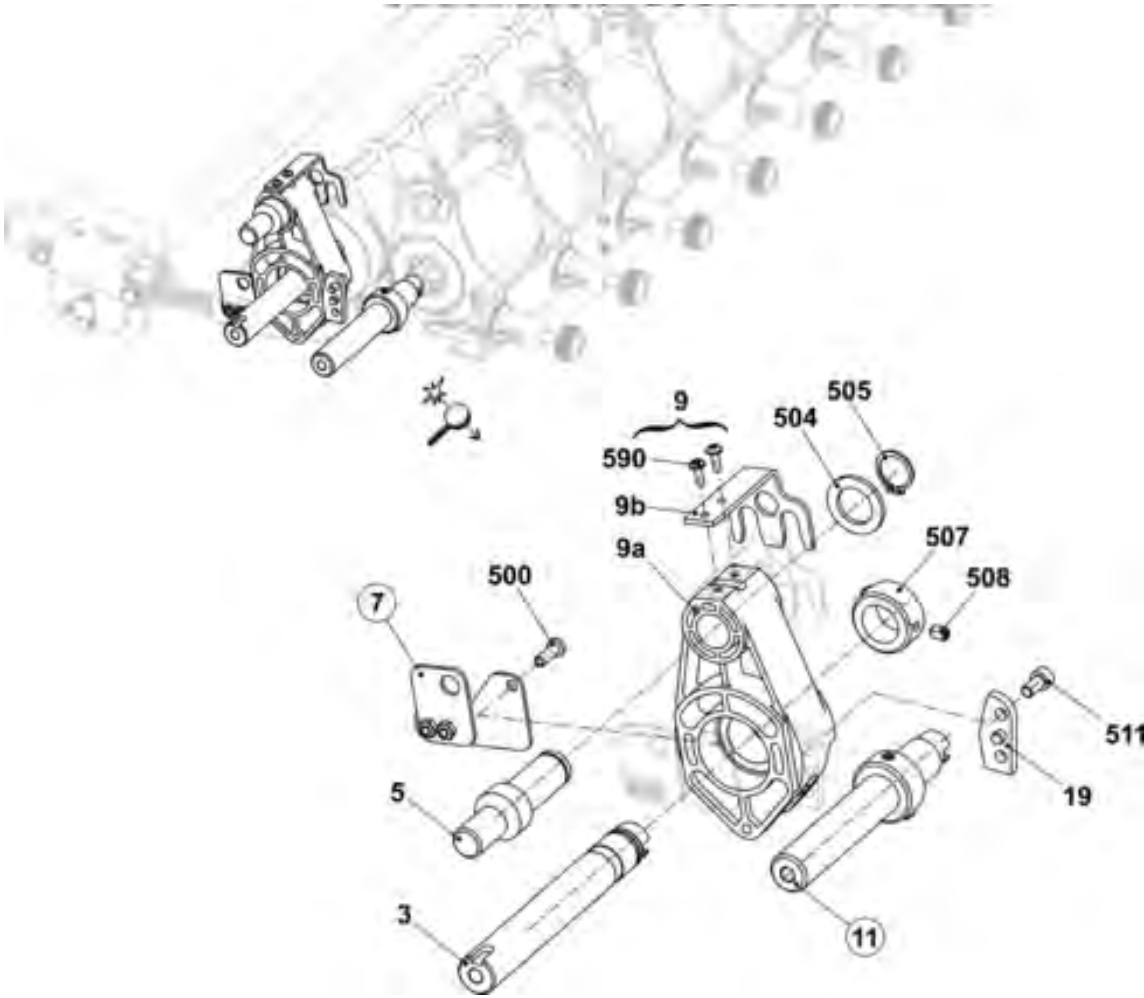
6.1 Main take-down

| Pos | Designation                 | ID      |  | Pos | Designation                          | ID      |
|-----|-----------------------------|---------|--|-----|--------------------------------------|---------|
| Σ   | Main take-down              |         |  |     |                                      |         |
| 1   | Main take-down on the left  | 255 257 |  | 3   | Main take-down in the middle E5-14   | 255 249 |
| 2   | Main take-down on the right | 255 258 |  | 4   | Main take-down on / off complete 84" | 253 387 |



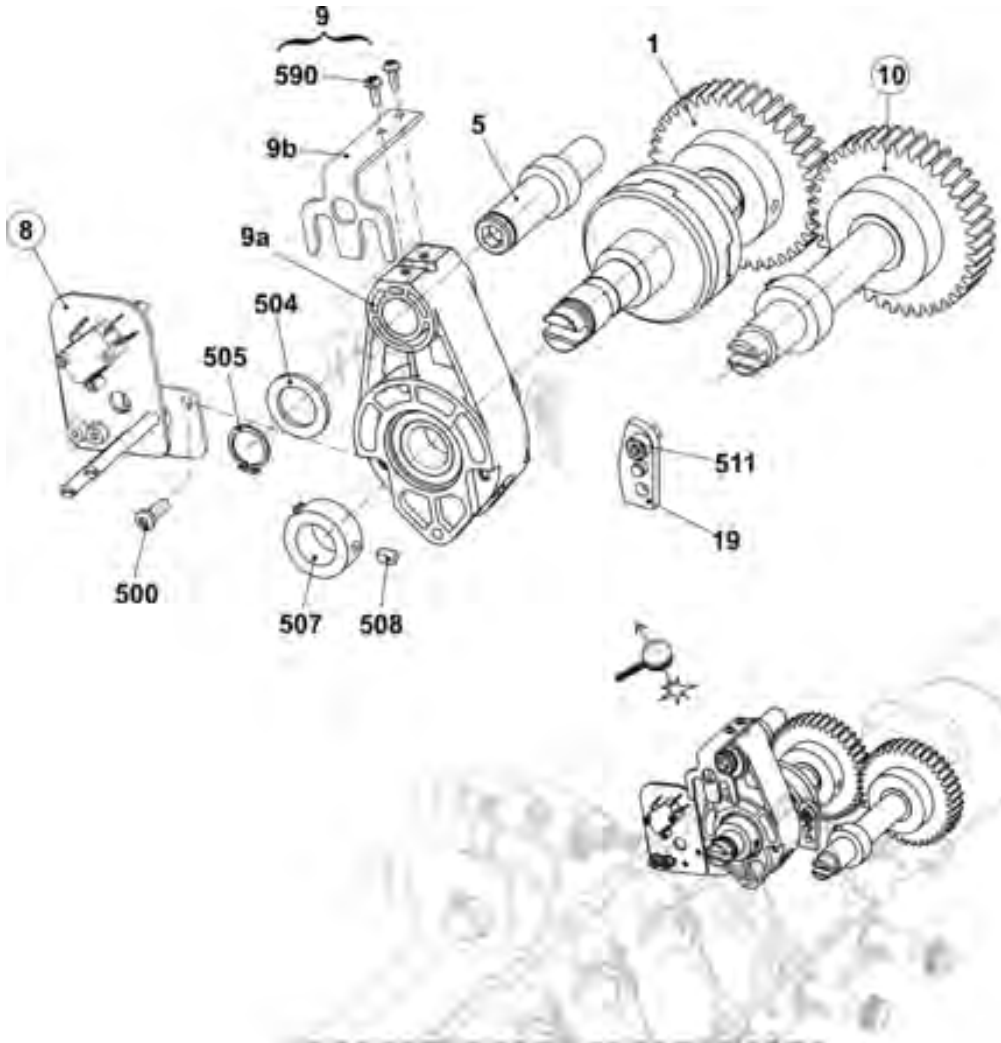
6.2 Main take-down on the left

| Pos | Designation                         | ID                     |  | Pos | Designation                    | ID      |
|-----|-------------------------------------|------------------------|--|-----|--------------------------------|---------|
| Σ   | Main take-down on the left          | 255 257                |  | 11  | Full floating axle on the left | 237 354 |
| 3   | Shaft on the left at the rear       | 255 305                |  | 19  | Stop point                     | 252 503 |
| 5   | Bolts                               | 208 538                |  | 500 | Screw 50x15                    | 251 728 |
| 7   | Mounting plate on the left complete | 231 725                |  | 504 | Washer18                       | 023 295 |
| 9   | Swivel-mounted bearing              | 253 247                |  | 505 | Locking ring18x1,2             | 020 955 |
|     | 9a                                  | Swivel-mounted bearing |  | 507 | Set collar                     | 020 938 |
|     | 9b                                  | Sheet metal support    |  | 508 | Setscrew                       | 022 684 |
|     | 590                                 | Screw 35x10            |  | 511 | Cap screwM6x12                 | 020 134 |
|     |                                     |                        |  |     |                                |         |
|     |                                     |                        |  |     |                                |         |
|     |                                     |                        |  |     |                                |         |



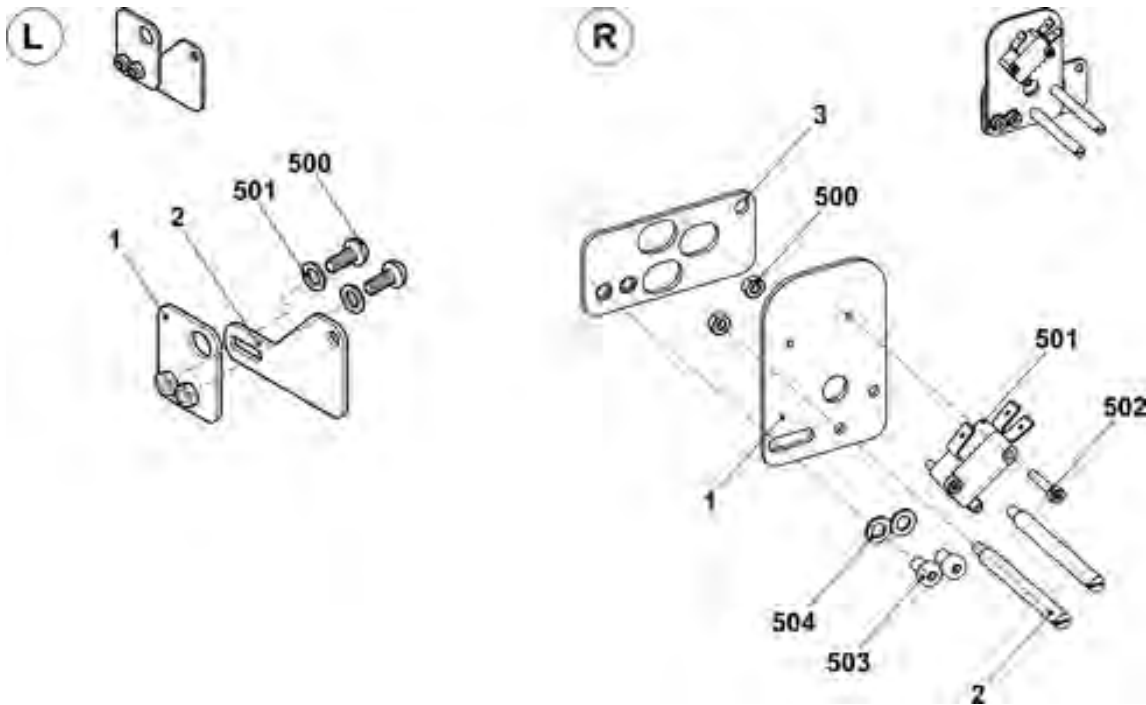
6.3 Main take-down on the right

| Pos | Designation                          | ID                     |         | Pos | Designation                     | ID      |
|-----|--------------------------------------|------------------------|---------|-----|---------------------------------|---------|
| Σ   | Main take-down on the right          | 255 258                |         | 10  | Full floating axle on the right | 237 353 |
| 1   | Clutch set                           | 253 260                |         | 19  | Stop point                      | 252 503 |
| 5   | Bolts                                | 208 538                |         | 500 | Screw 50x15                     | 251 728 |
| 8   | Mounting plate on the right complete | 240 069                |         | 504 | Washer18                        | 023 295 |
| 9   | Swivel-mounted bearing               | 253 247                |         | 505 | Locking ring18x1,2              | 020 955 |
|     | 9a                                   | Swivel-mounted bearing | 253 200 | 507 | Set collarA20                   | 020 938 |
|     | 9b                                   | Sheet metal support    | 253 212 | 508 | SetscrewM6x8                    | 022 684 |
|     | 590                                  | Screw 35x10            | 251 729 | 511 | Cap screwM6x12                  | 020 134 |



6.3.1 Mounting plate

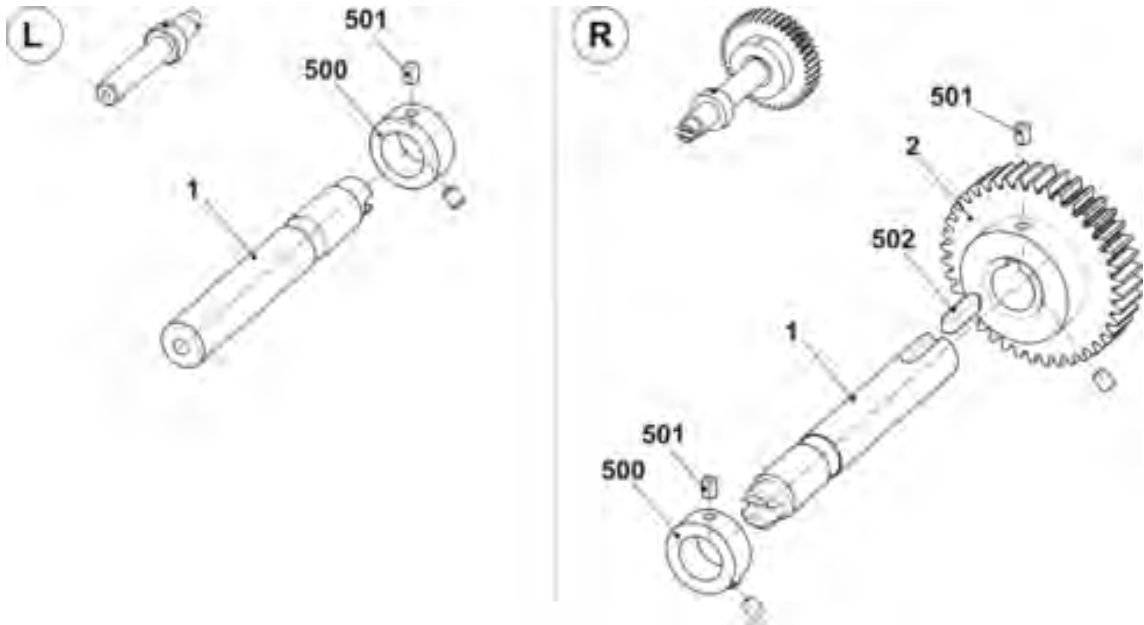
| Pos | Designation                         | ID      |  | Pos | Designation                          | ID      |
|-----|-------------------------------------|---------|--|-----|--------------------------------------|---------|
| Σ L | Mounting plate on the left complete | 231 725 |  | Σ R | Mounting plate on the right complete | 240 069 |
| 1   | Mounting plate on the left          | 231 541 |  | 1   | Mounting plate on the right          | 240 068 |
| 2   | Retaining plate on the left         | 231 539 |  | 2   | Shoulder screw                       | 240 067 |
| 500 | Pan-head screwM5x10                 | 023 247 |  | 3   | Retaining plate on the right         | 240 066 |
| 501 | Serrated lock washer J5,3           | 022 489 |  | 500 | Hexagon nut M4-6                     | 022 536 |
|     |                                     |         |  | 501 | Microswitch                          | 026 259 |
|     |                                     |         |  | 502 | Cap screwM3x16                       | 022 583 |
|     |                                     |         |  | 503 | Cap screwM5x8                        | 244 278 |
|     |                                     |         |  | 504 | Washer5-200                          | 020 871 |
|     |                                     |         |  |     |                                      |         |



6.3 Main take-down on the right

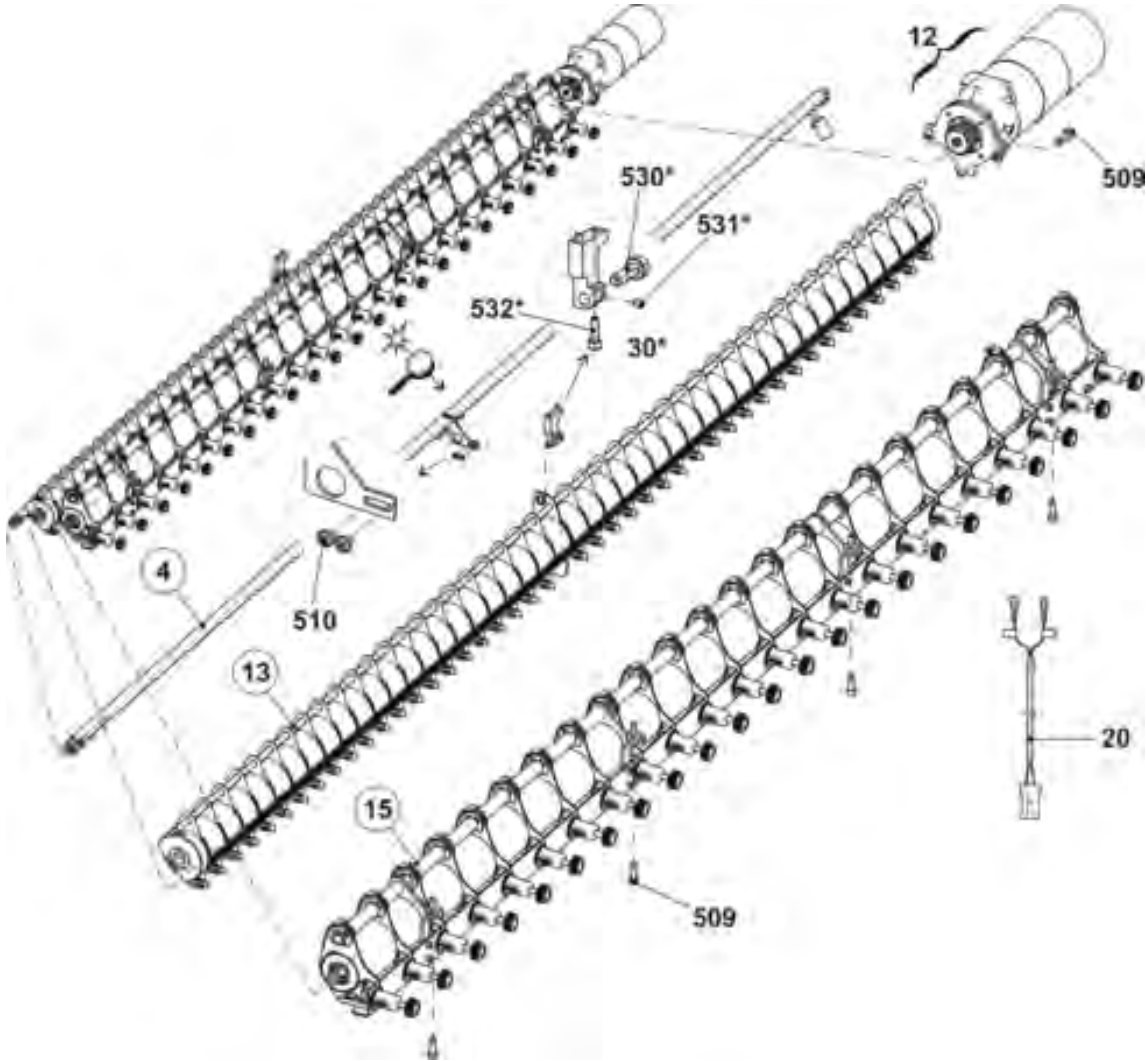
6.3.2 Full floating axle

| Pos | Designation                    | ID      |  | Pos | Designation                     | ID      |
|-----|--------------------------------|---------|--|-----|---------------------------------|---------|
| Σ L | Full floating axle on the left | 237 354 |  | Σ R | Full floating axle on the right | 237 353 |
| 1   | Shaft on the left at the front | 237 334 |  | 1   | Shaft on the right in front     | 237 340 |
| 500 | Set collar                     | 020 938 |  | 2   | Gear wheel Z=40, M=2            | 213 744 |
| 501 | SetscrewM6x8                   | 022 684 |  | 500 | Set collar                      | 020 938 |
|     |                                |         |  | 501 | SetscrewM6x8                    | 022 684 |
|     |                                |         |  | 502 | Feather key A 6x6x25            | 023 017 |



6.4 Main take-down in the middle

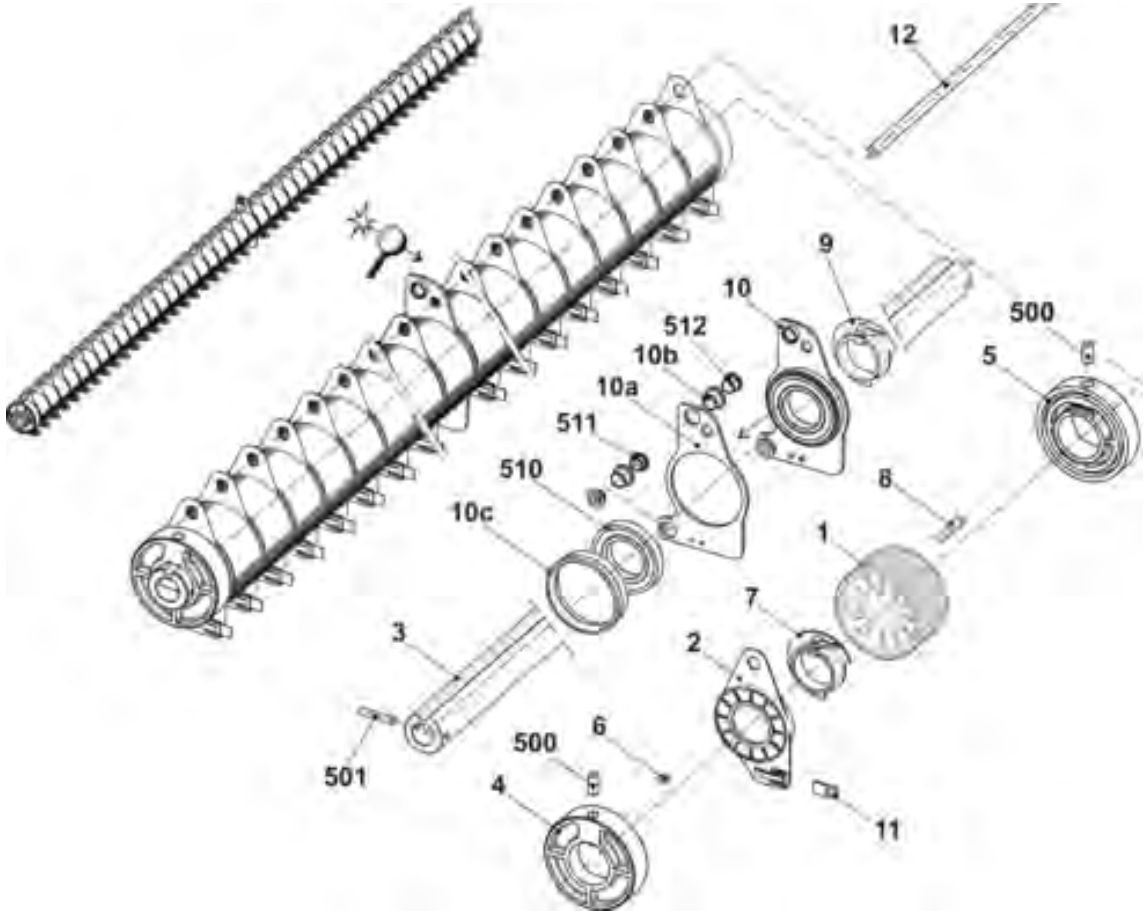
| Pos | Designation                                 | ID      |  | Pos | Designation                            | ID      |
|-----|---------------------------------------------|---------|--|-----|----------------------------------------|---------|
| Σ   | Main take-down in the middle E5-14          | 255 249 |  | 15  | Take-down roller at the front complete | 253 390 |
| 4   | Stripper angle at the rear complete         | 241 935 |  | 20  | Connection cable winding plate         | 241 703 |
| 12  | Motor take-down unit complete               | 253 803 |  | 509 | Cap screwM8x25                         | 020 142 |
| 13  | Take-down roller at the rear complete E3-14 | 243 810 |  | 510 | Pan-head screw M4x6                    | 235 450 |



6.4 Main take-down in the middle

6.4.1 Rear take-down roller

| Pos | Designation                                 |                  | ID      |  | Pos | Designation                 |         | ID      |
|-----|---------------------------------------------|------------------|---------|--|-----|-----------------------------|---------|---------|
| Σ   | Take-down roller at the rear complete E3-14 |                  | 243 810 |  |     |                             |         |         |
| 1   | Roller                                      |                  | 206 770 |  |     | 10b                         | Bearing | 232 571 |
| 2   | Stripper                                    |                  | 241 612 |  |     | 10c                         | Ring    | 222 895 |
| 3   | Shaft                                       |                  | 237 190 |  | 9   | Stop ring on the left       |         | 222 910 |
| 4   | Ring on the left                            |                  | 255 830 |  | 11  | Brush                       |         | 225 819 |
| 5   | Ring on the right                           |                  | 255 831 |  | 12  | Rod                         |         | 237 192 |
| 6   | Spacer slide                                |                  | 222 062 |  | 500 | Setscrew                    |         | 258 910 |
| 7   | Stop ring on the left                       |                  | 204 369 |  | 501 | Dowel pin 6x32              |         | 020 685 |
| 8   | Spacer slide                                |                  | 240 104 |  | 510 | Grooved ball bearing 16007  |         | 021 697 |
| 10  | Support                                     |                  | 232 578 |  | 511 | Slide bearing GFM-101216-06 |         | 023 280 |
|     | 10a                                         | Supporting plate | 232 512 |  | 512 | Slide bearing GFM-101216-09 |         | 023 356 |



6.4.2 Front take-down roller

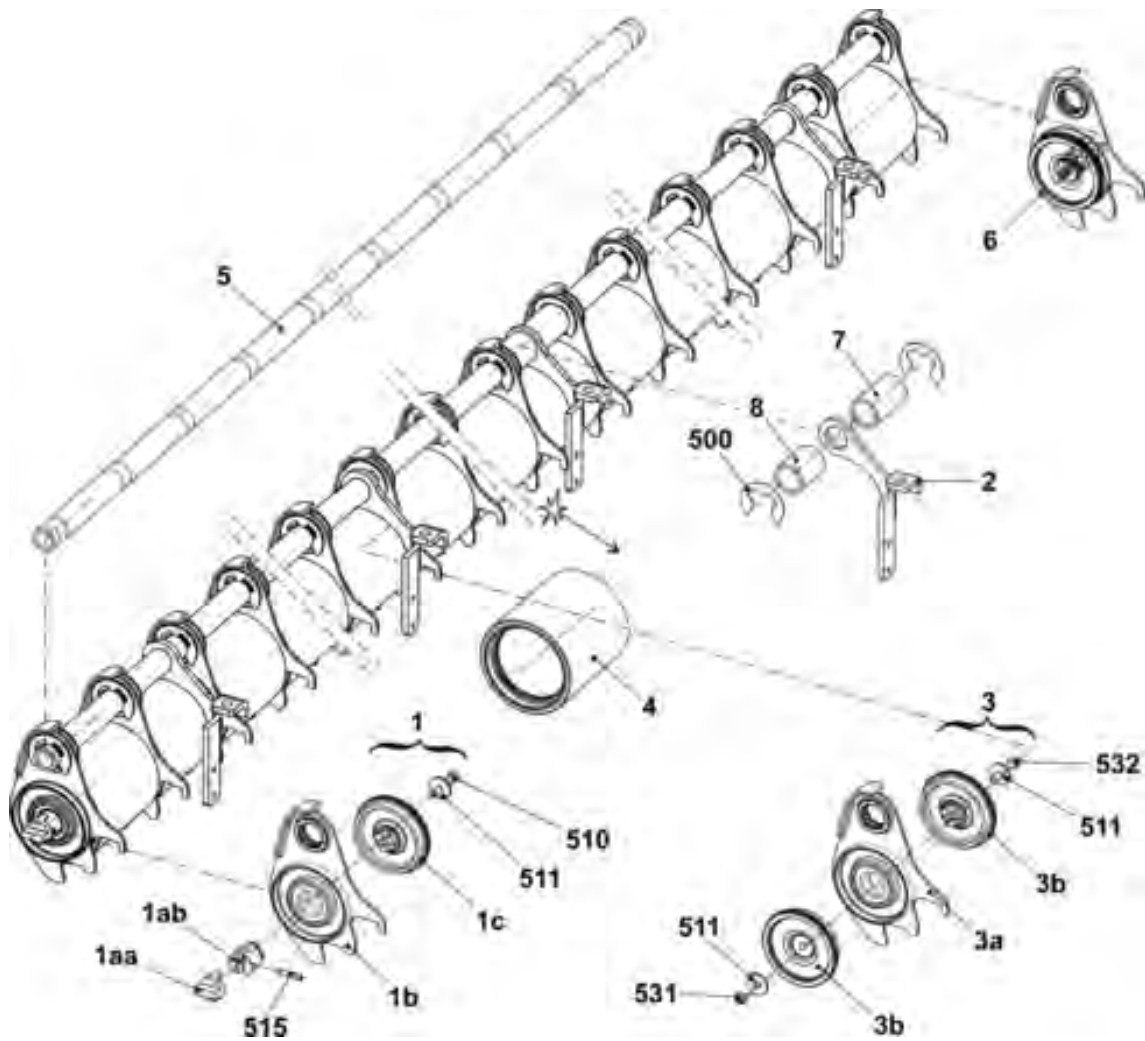
| Pos | Designation                            | Id      |  | Pos | Designation                | Id      |
|-----|----------------------------------------|---------|--|-----|----------------------------|---------|
| Σ   | Take-down roller at the front complete | 253 390 |  | 4   | Locating piece             | 221 935 |
| 1   | Take-down roller at the front          | 253 423 |  | 500 | Compression spring 1x10x30 | 023 741 |
| 2   | Angle rail complete                    | 242 316 |  | 501 | Cap screwM5x12             | 020 132 |
| 3   | Pressure sleeve                        | 220 911 |  | 502 | Washer5-200                | 020 880 |



6.4 Main take-down in the middle

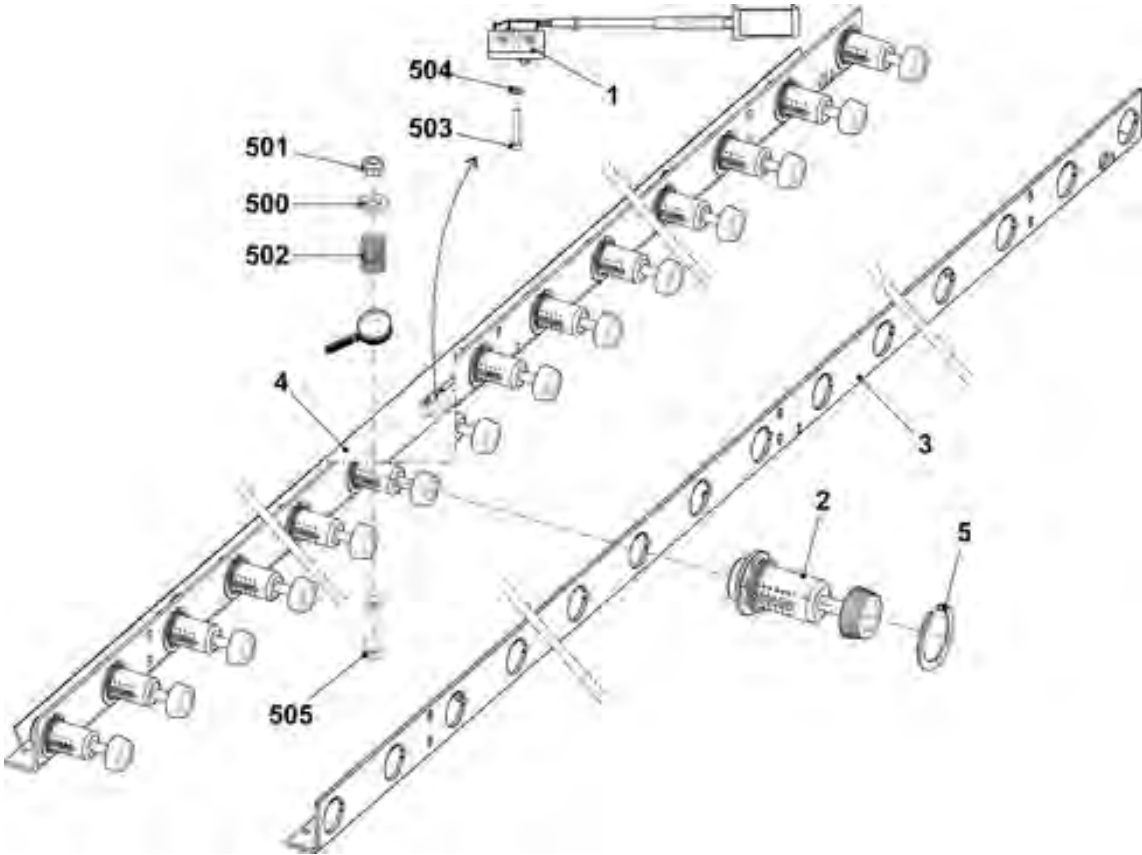
6.4.3 Front roller elements

| Pos | Designation                          |                          | ID      |  | Pos | Designation                           |                          | ID      |
|-----|--------------------------------------|--------------------------|---------|--|-----|---------------------------------------|--------------------------|---------|
| Σ   | Take-down roller at the front        |                          | 253 423 |  | 4   | Roller                                |                          | 220 905 |
| 1   | Bearing support on the left complete |                          | 221 225 |  | 5   | Tube                                  |                          | 237 191 |
|     | 1aa                                  | adaptor                  | 221 132 |  | 6   | Bearing support on the right complete |                          | 221 240 |
|     | 1ab                                  | Universal joint          | 221 137 |  |     | 1aa                                   | Universal joint          | 221 137 |
|     | 1b                                   | Bearing support          | 220 913 |  |     | 1ab                                   | adaptor                  | 221 132 |
|     | 1c                                   | Gear wheel               | 220 910 |  |     | 1b                                    | Bearing support          | 220 913 |
|     | 510                                  | Cap screwM5x20           | 020 133 |  |     | 1c                                    | Gear wheel               | 220 910 |
|     | 511                                  | Washer5                  | 023 542 |  |     | 510                                   | Cap screwM5x20           | 020 133 |
|     | 515                                  | Spring dowel sleeve 4x20 | 023 551 |  |     | 511                                   | Washer5                  | 023 542 |
|     |                                      |                          |         |  |     | 515                                   | Spring dowel sleeve 4x20 | 023 551 |
| 2   | Support                              |                          | 251 557 |  | 7   | Spacer pipe on the right              |                          | 253 407 |
| 3   | Bearing support complete             |                          | 221 241 |  | 8   | Spacer pipe on the left               |                          | 253 408 |
|     | 3a                                   | Bearing support          | 220 913 |  | 500 | Circlip                               |                          | 021 025 |
|     | 3b                                   | Gear wheel               | 220 910 |  |     |                                       |                          |         |
|     | 531                                  | Hexagon nut M5-8         | 023 541 |  |     |                                       |                          |         |
|     | 532                                  | Cap screwM5x30           | 022 396 |  |     |                                       |                          |         |
|     |                                      |                          |         |  |     |                                       |                          |         |



6.4.4 Pressure angle rail

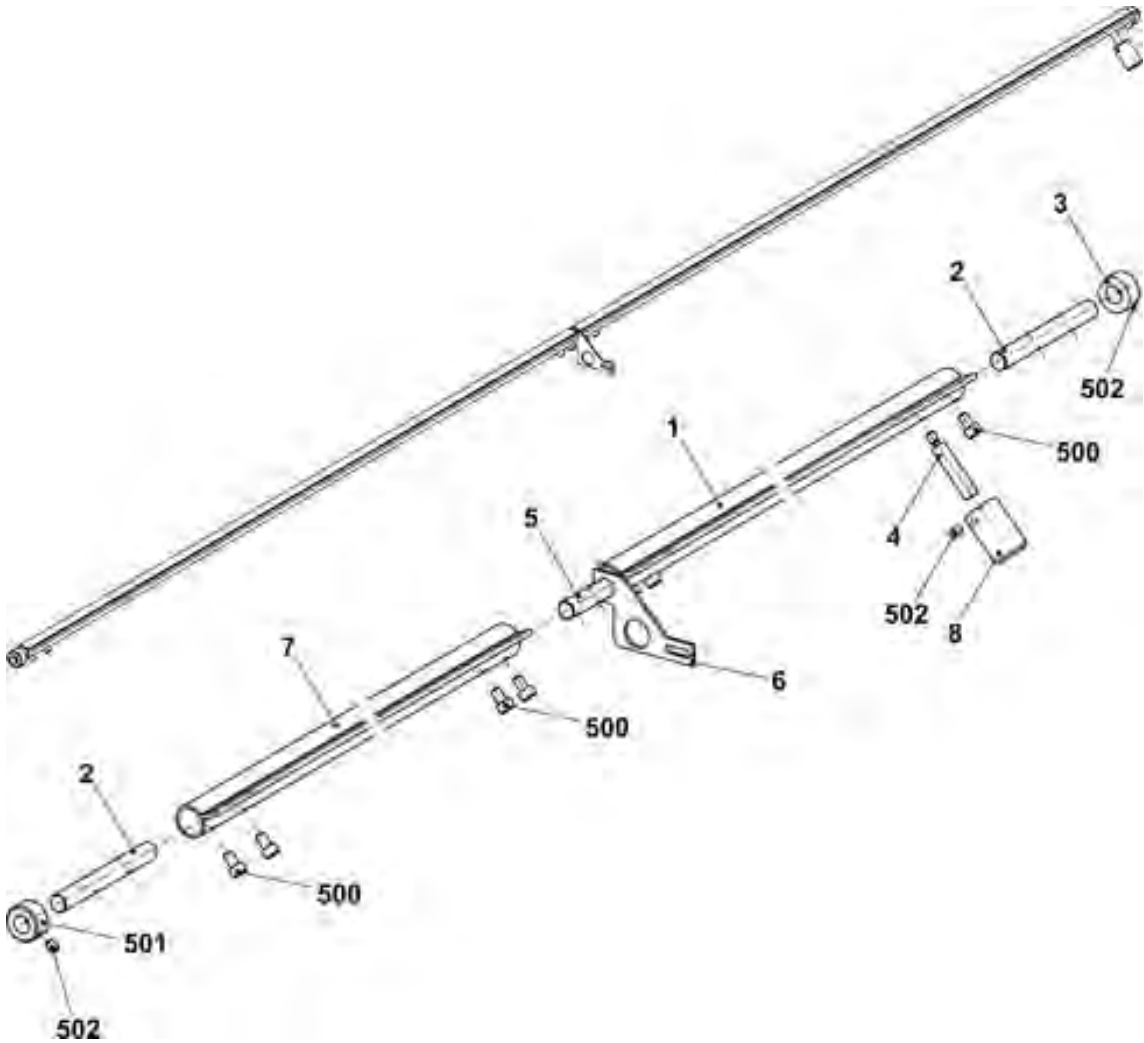
| Pos | Designation                | ID      |  | Pos | Designation                     | ID      |
|-----|----------------------------|---------|--|-----|---------------------------------|---------|
| Σ   | Angle rail complete        | 242 316 |  | 500 | Washer6                         | 022 431 |
| 1   | Switch complete with cable | 221 265 |  | 501 | Hexagon nut M5-8                | 023 541 |
| 2   | Spring flange              | 242 327 |  | 502 | Compression spring 0,8x9,2x27,5 | 023 537 |
| 3   | Angle rail                 | 242 277 |  | 503 | Cap screwM2x12                  | 023 522 |
| 4   | Winding plate              | 237 195 |  | 504 | Washer2-200                     | 022 908 |
| 5   | Locking ring               | 242 325 |  | 505 | Shoulder screw M5x20x5          | 023 675 |



6.4 Main take-down in the middle

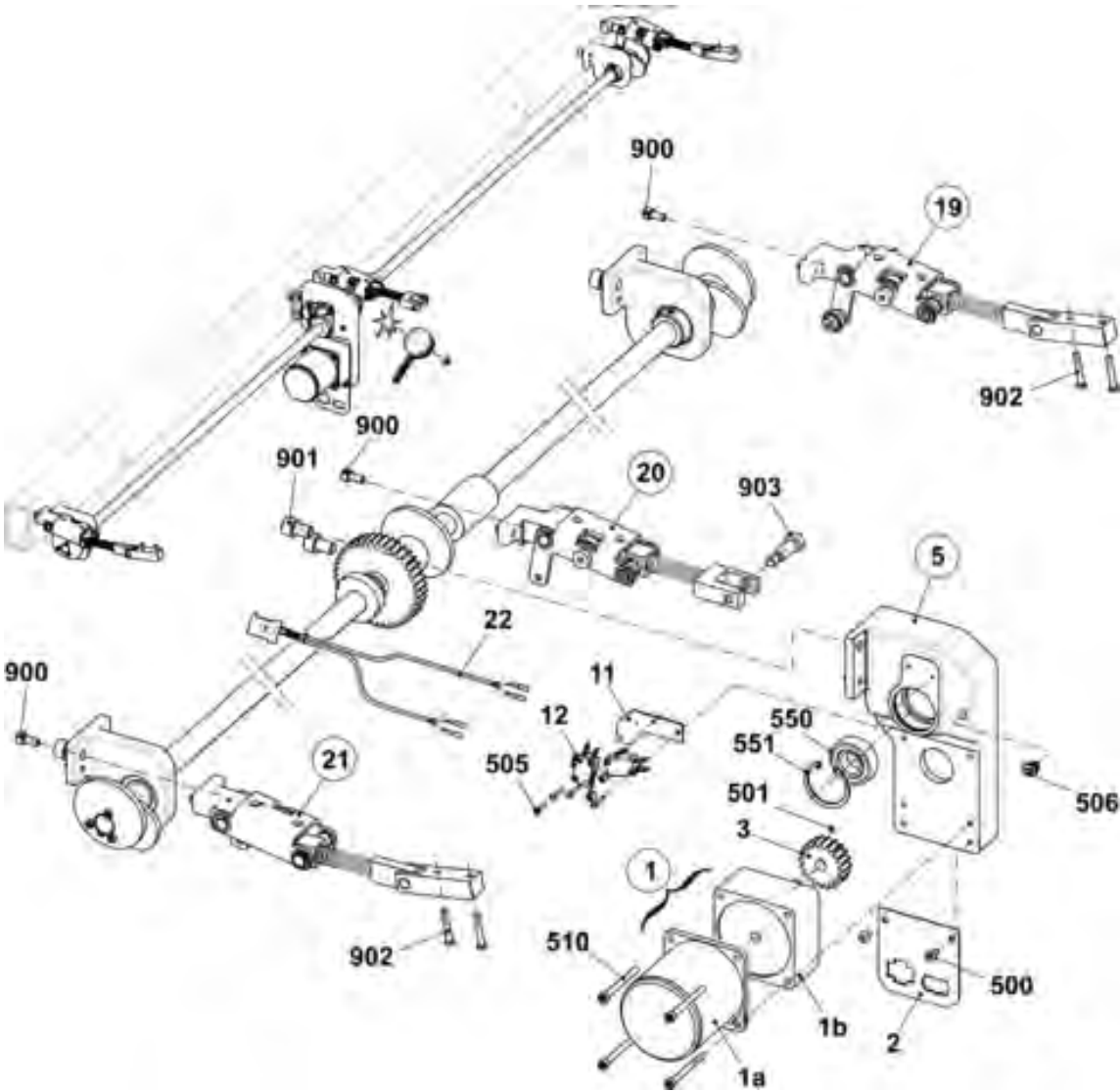
6.4.5 Stripper angle

| Pos | Designation                         | ID      |  | Pos | Designation                | ID      |
|-----|-------------------------------------|---------|--|-----|----------------------------|---------|
| Σ   | Stripper angle at the rear complete | 241 935 |  | 6   | Bracket                    | 235 731 |
| 1   | Stripper angle on the right         | 241 933 |  | 7   | Stripper angle on the left | 241 934 |
| 2   | Shaft                               | 240 127 |  | 8   | Adjustment weight          | 229 248 |
| 3   | Cam                                 | 209 278 |  | 500 | Cap screwM5x8              | 023 319 |
| 4   | Bolts                               | 228 310 |  | 501 | Set collar                 | 020 934 |
| 5   | Axle                                | 228 803 |  | 502 | SetscrewM5x6               | 022 738 |



6.5 Take-down closing device

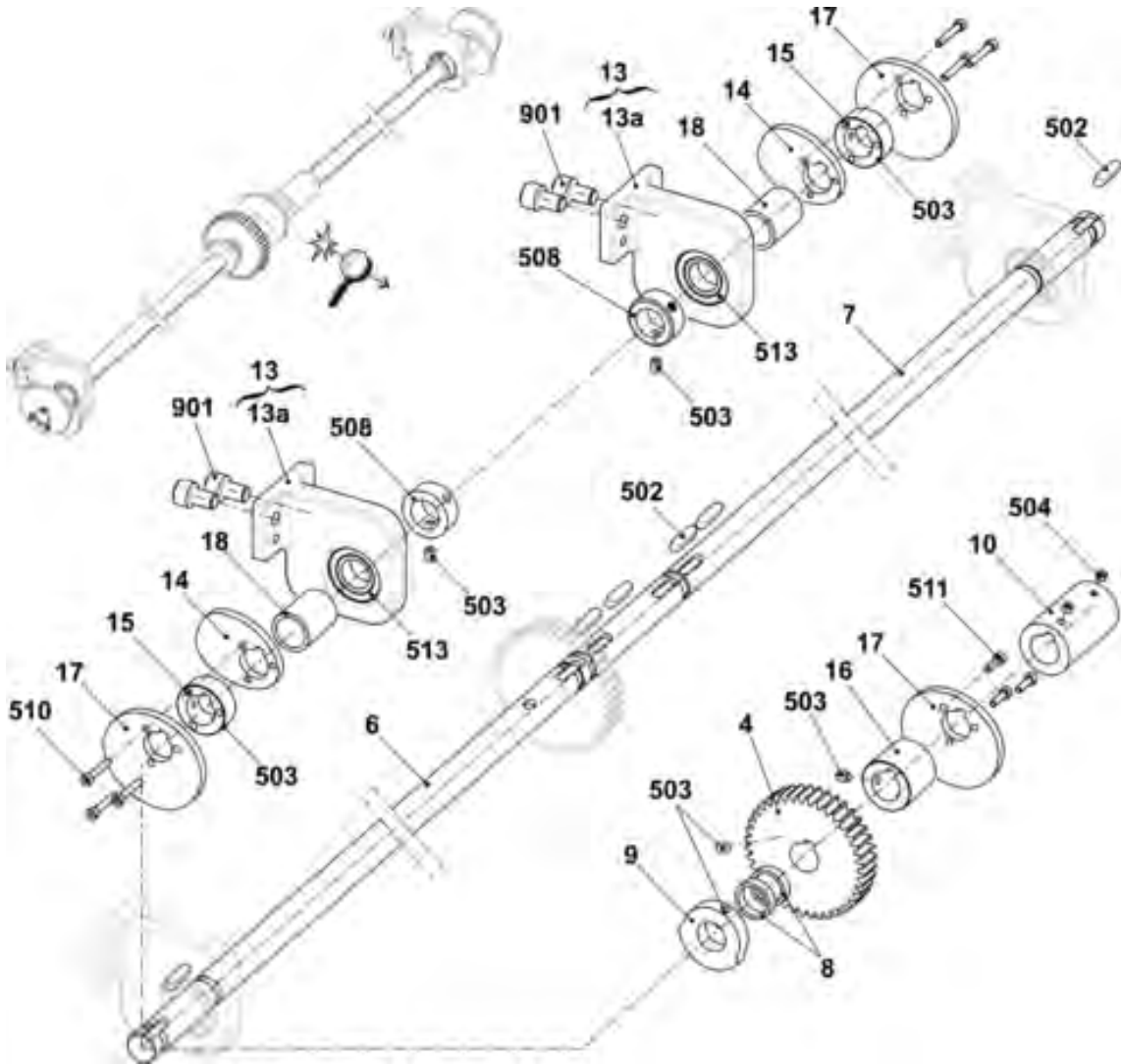
| Pos | Designation                    |                              | ID      |  | Pos | Designation                          |  | ID      |
|-----|--------------------------------|------------------------------|---------|--|-----|--------------------------------------|--|---------|
| Σ   | Main take-down on/off complete |                              | 253 387 |  | 19  | Swivel support on the right complete |  |         |
| 1   | Motor complete                 |                              |         |  | 20  | Swivel holder on the left complete   |  |         |
|     | 1a                             | Motor 25W                    | 232 456 |  | 21  | Swivel holder in the middle complete |  |         |
|     | 1b                             | Gear                         | 234 983 |  | 22  | Cable switch HAAB open               |  | 232 442 |
|     | 510                            | Cap screwM5x55               | 023 321 |  | 500 | Cap screwM5x8                        |  | 023 319 |
| 2   | Sheet metal                    |                              | 232 992 |  | 501 | SetscrewM4x4                         |  | 022 875 |
| 3   | Gear wheel                     |                              | 232 434 |  | 505 | Cap screwM3x15                       |  | 020 009 |
| 5   | Support in the middle complete |                              |         |  | 506 | Assembling element                   |  | 209 543 |
|     | 550                            | Grooved ball bearing 6004-2Z | 022 720 |  | 900 | Cap screwM6x14                       |  | 022 658 |
|     | 551                            | Locking ring42x1,75          | 023 293 |  | 901 | Cap screwM10x16                      |  | 023 895 |
| 11  | Limit switch retaining plate   |                              | 235 190 |  | 902 | Screw M50x30                         |  | 253 257 |
| 12  | Microswitch XGK2-S21 250 VAC   |                              | 210 510 |  | 903 | Cap screwM10x25                      |  | 023 751 |



6.6 Continuation of take-down closing device

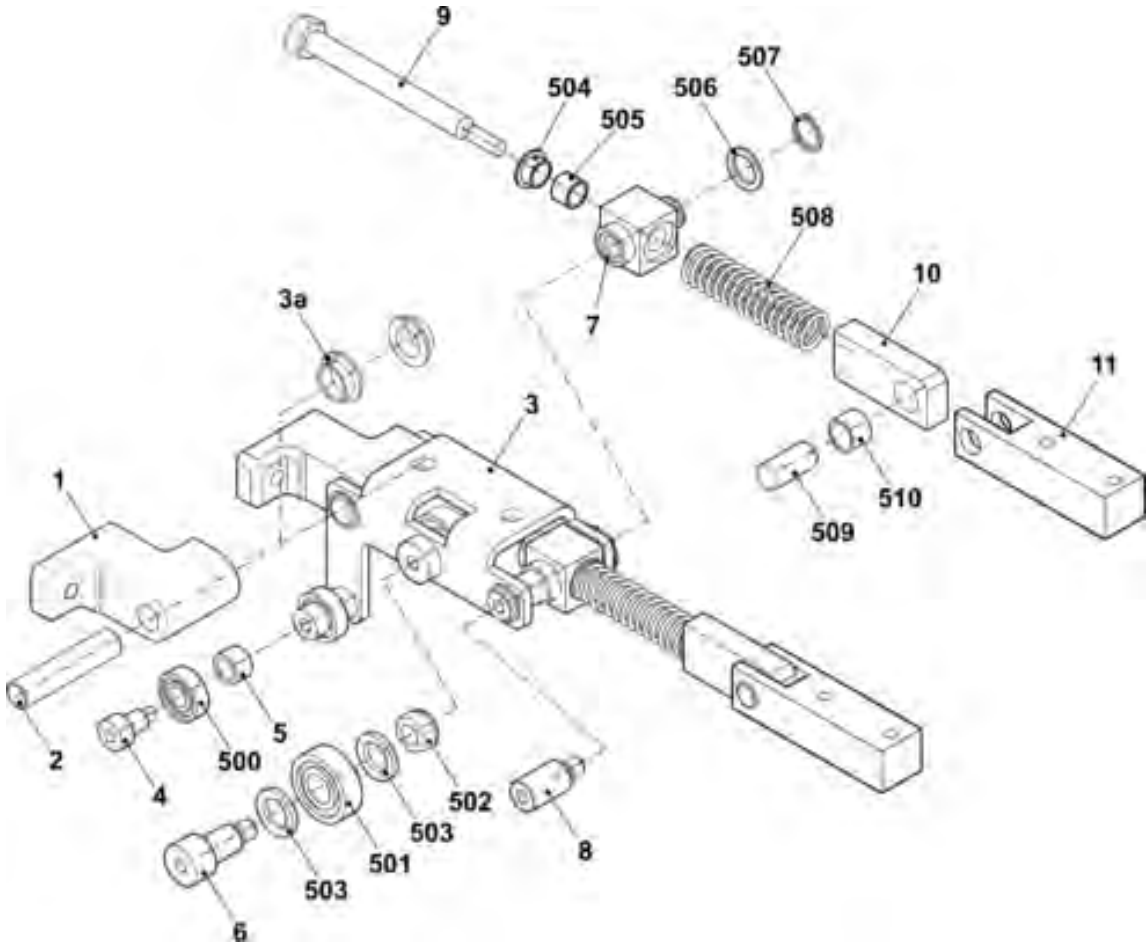
6.6 Continuation of take-down closing device

| Pos | Designation                     | ID      | Pos | Designation          | ID      |
|-----|---------------------------------|---------|-----|----------------------|---------|
| Σ   | Main take-down on/off complete  | 253 387 | 15  | Guide bush           | 234 876 |
| 4   | Gear wheel                      | 213 744 | 16  | Guide bush           | 235 623 |
| 6   | Shaft                           | 237 180 | 17  | Eccentric            | 232 382 |
| 7   | Wave                            | 237 181 | 18  | Spacer pipe          | 235 128 |
| 8   | Threaded spacer                 | 232 385 | 502 | Feather key A 6x6x25 | 023 017 |
| 9   | Trip cam                        | 232 383 | 503 | SetscrewM6x8         | 023 723 |
| 10  | Coupling                        | 232 604 | 504 | SetscrewM6x5         | 023 192 |
| 13  | Support on the outside complete | 235 248 | 508 | Set collarA20        | 020 938 |
| 13a | Support                         | 234 780 | 510 | Cap screw M4x25      | 023 302 |
| 513 | Grooved ball bearing 6004-2Z    | 022 720 | 511 | Cap screw M4x14      | 023 604 |
| 14  | Eccentric                       | 235 135 | 901 | Cap screw M10x16     | 023 895 |



6.6.1 Right swivel support

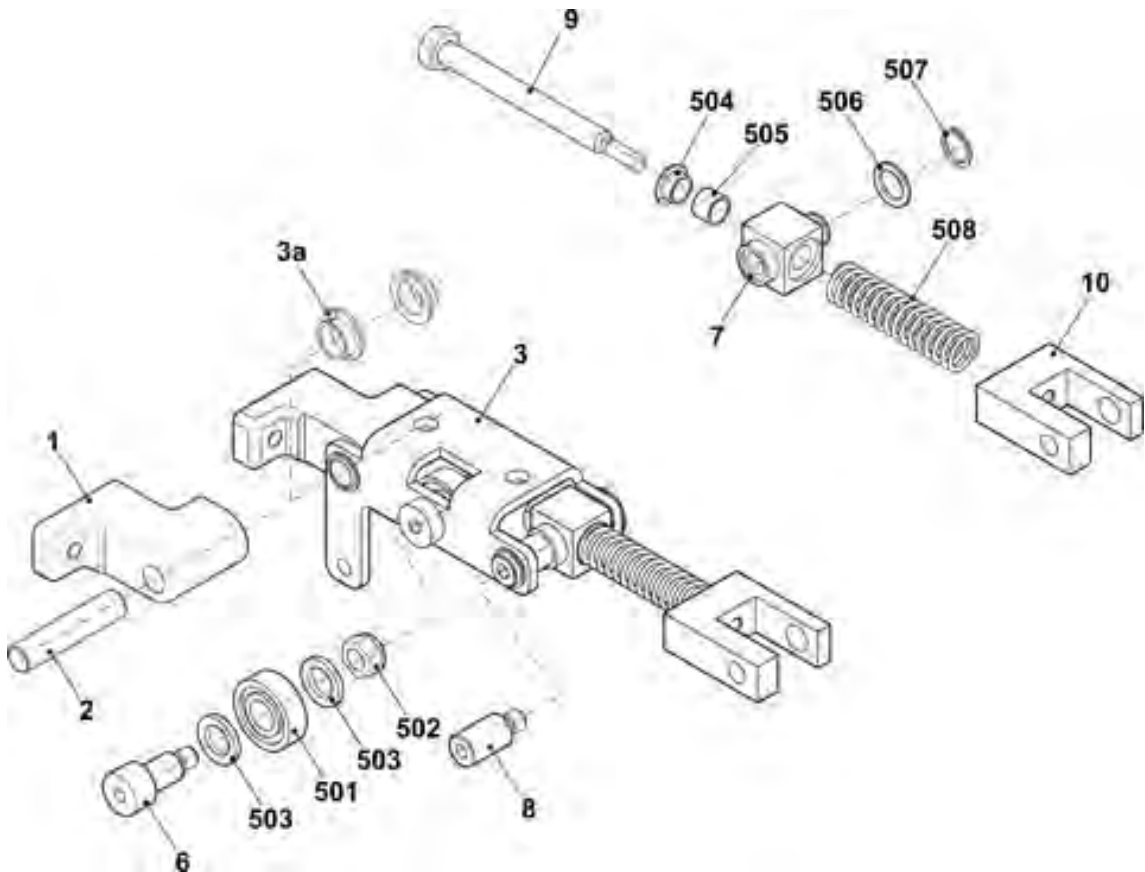
| Pos | Designation                          | ID      | Pos | Designation                      | ID      |
|-----|--------------------------------------|---------|-----|----------------------------------|---------|
| Σ   | Swivel support on the right complete |         | 11  | Lever                            | 253 199 |
| 1   | Support                              | 239 163 | 500 | Grooved ball bearing 619/8-2RS   | 023 728 |
| 2   | Bearing pin                          | 239 164 | 501 | Grooved ball bearing 6000-2Z     | 022 599 |
| 3   | Bow                                  | 238 974 | 502 | Hexagon nut M8-8                 | 022 843 |
| 3a  | Clip bearing 11-MCM-12-04            | 023 639 | 503 | Shim ring 10x16x2                | 023 600 |
| 4   | Shoulder screw                       | 239 133 | 504 | Slide bearing GFM-081014-06      | 023 358 |
| 5   | Threaded spacer                      | 239 134 | 505 | Slide bearing GSM-0810-10        | 023 896 |
| 6   | Shoulder screw                       | 239 132 | 506 | Shim ring 12x18x1                | 023 315 |
| 7   | Swivel-mounted bearing               | 239 100 | 507 | Locking ring 12x1                | 020 951 |
| 8   | Bearing bolt                         | 239 117 | 508 | Compression spring 2,5x12,5x67,5 | 023 743 |
| 9   | Spring mandrel on the inside         | 232 388 | 509 | Dowel pin 10x20                  | 023 616 |
| 10  | Lever                                | 238 370 | 510 | Slide bearing GSM-1012-10        | 239 178 |



6.6 Continuation of take-down closing device

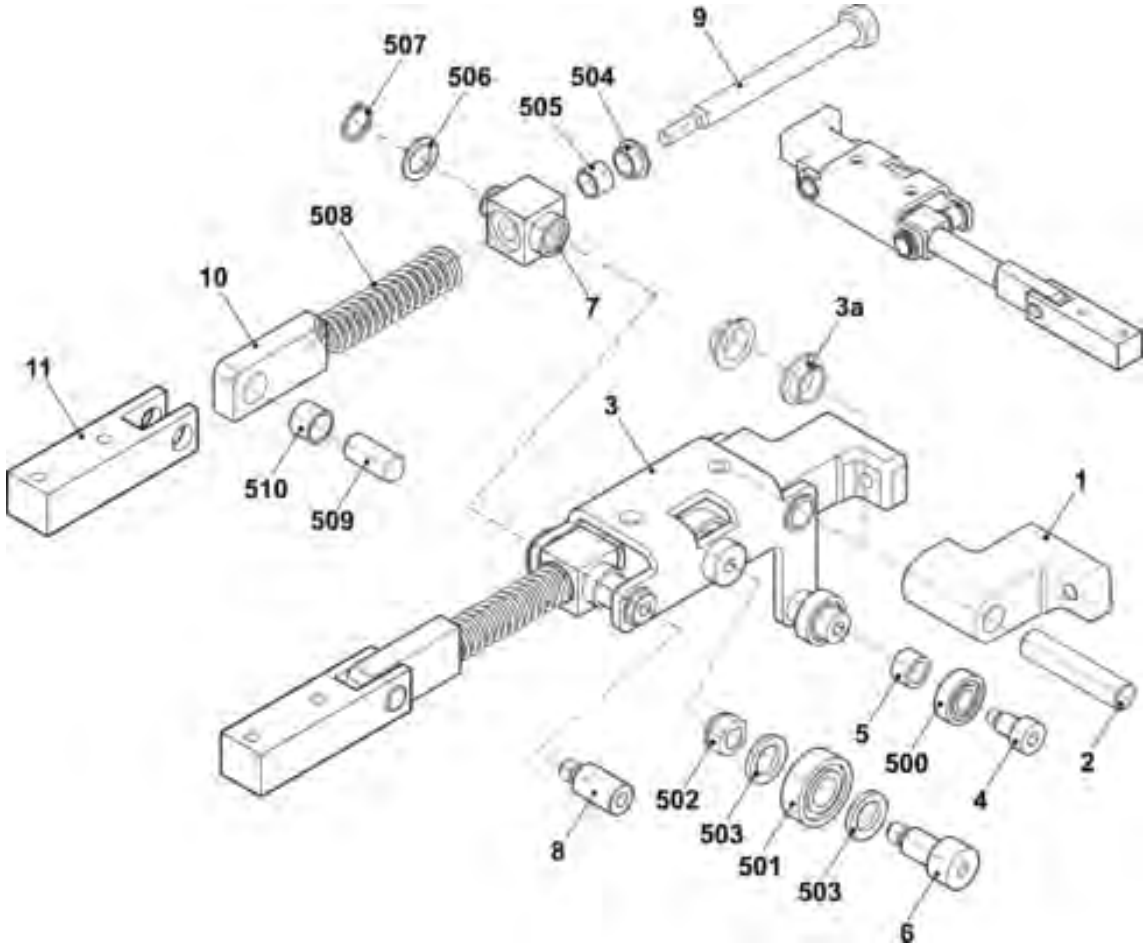
6.6.2 Swivel holder in the middle

| Pos | Designation                          | ID                        |  | Pos | Designation                      | ID      |
|-----|--------------------------------------|---------------------------|--|-----|----------------------------------|---------|
| Σ   | Swivel holder in the middle complete |                           |  | 10  | Angle                            | 238 778 |
| 1   | Support                              | 239 163                   |  | 501 | Grooved ball bearing 6000-2Z     | 022 599 |
| 2   | Bearing pin                          | 239 164                   |  | 502 | Hexagon nut M8-8                 | 022 843 |
| 3   | Bow                                  | 238 974                   |  | 503 | Shim ring 10x16x2                | 023 600 |
|     | 3a                                   | Clip bearing 11-MCM-12-04 |  | 504 | Slide bearing GFM-081014-06      | 023 358 |
| 6   | Shoulder screw                       | 239 132                   |  | 505 | Slide bearing GSM-0810-10        | 023 896 |
| 7   | Swivel-mounted bearing               | 239 100                   |  | 506 | Shim ring 12x18x1                | 023 315 |
| 8   | Bearing bolt                         | 239 117                   |  | 507 | Locking ring 12x1                | 020 951 |
| 9   | Spring mandrel on the inside         | 232 388                   |  | 508 | Compression spring 2,5x12,5x67,5 | 023 743 |



6.6.3 Left swivel holder

| Pos | Designation                        | ID      | Pos | Designation                      | ID      |
|-----|------------------------------------|---------|-----|----------------------------------|---------|
| Σ   | Swivel holder on the left complete |         | 11  | Lever                            | 253 199 |
| 1   | Support                            | 239 163 | 500 | Grooved ball bearing 619/8-2RS   | 023 728 |
| 2   | Bearing pin                        | 239 164 | 501 | Grooved ball bearing 6000-2Z     | 022 599 |
| 3   | Bow on the left                    | 239 184 | 502 | Hexagon nut M8-8                 | 022 843 |
| 3a  | Clip bearing 11-MCM-12-04          | 023 639 | 503 | Shim ring 10x16x2                | 023 600 |
| 4   | Shoulder screw                     | 239 133 | 504 | Slide bearing GFM-081014-06      | 023 358 |
| 5   | Threaded spacer                    | 239 134 | 505 | Slide bearing GSM-0810-10        | 023 896 |
| 6   | Shoulder screw                     | 239 132 | 506 | Shim ring 12x18x1                | 023 315 |
| 7   | Swivel-mounted bearing             | 239 100 | 507 | Locking ring 12x1                | 020 951 |
| 8   | Bearing bolt                       | 239 117 | 508 | Compression spring 2,5x12,5x67,5 | 023 743 |
| 9   | Spring mandrel on the inside       | 232 388 | 509 | Dowel pin 10x20                  | 023 616 |
| 10  | Lever                              | 238 370 | 510 | Slide bearing GSM-1012-10        | 239 178 |



6.6 Continuation of take-down closing device

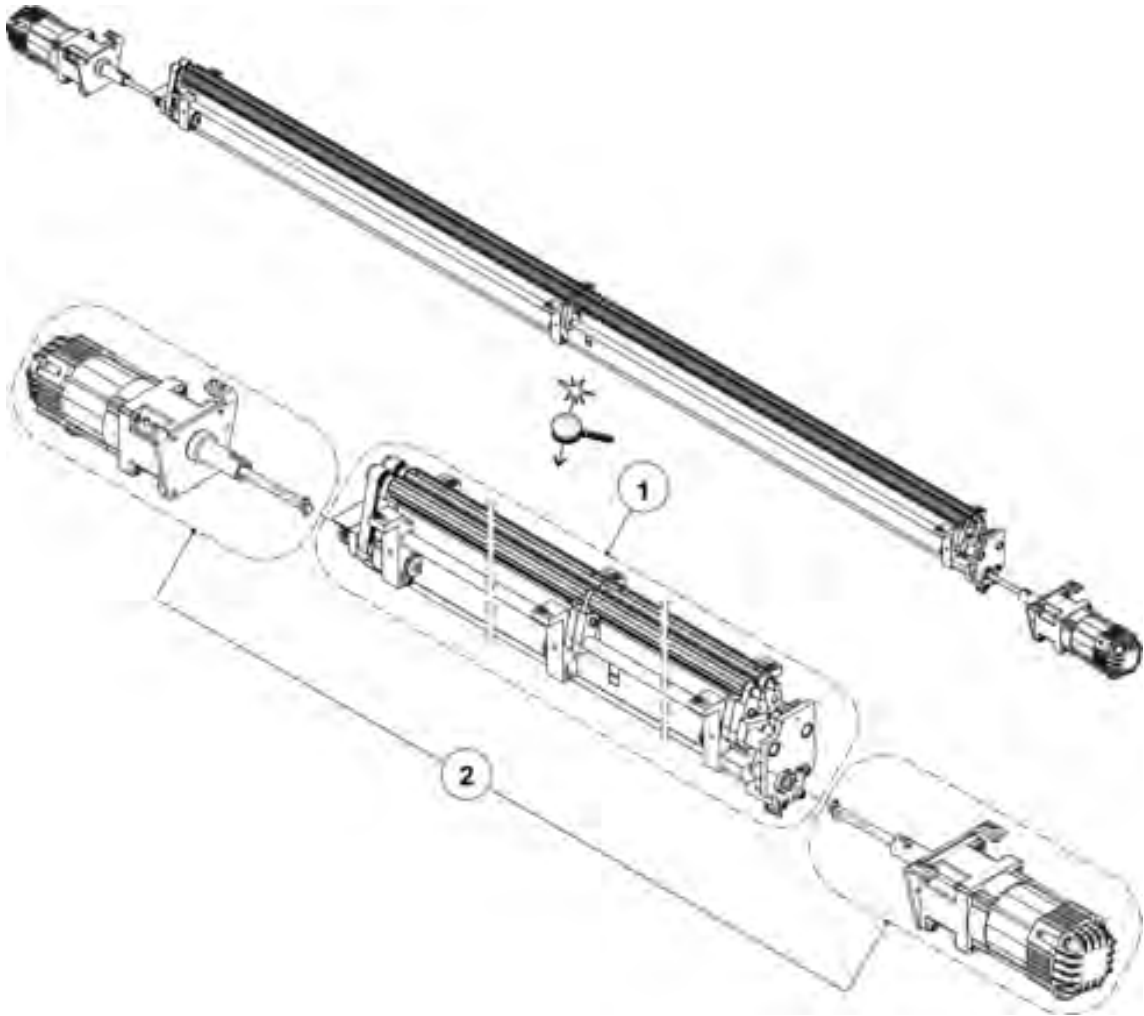
Notes:

# 7 Auxiliary take-down



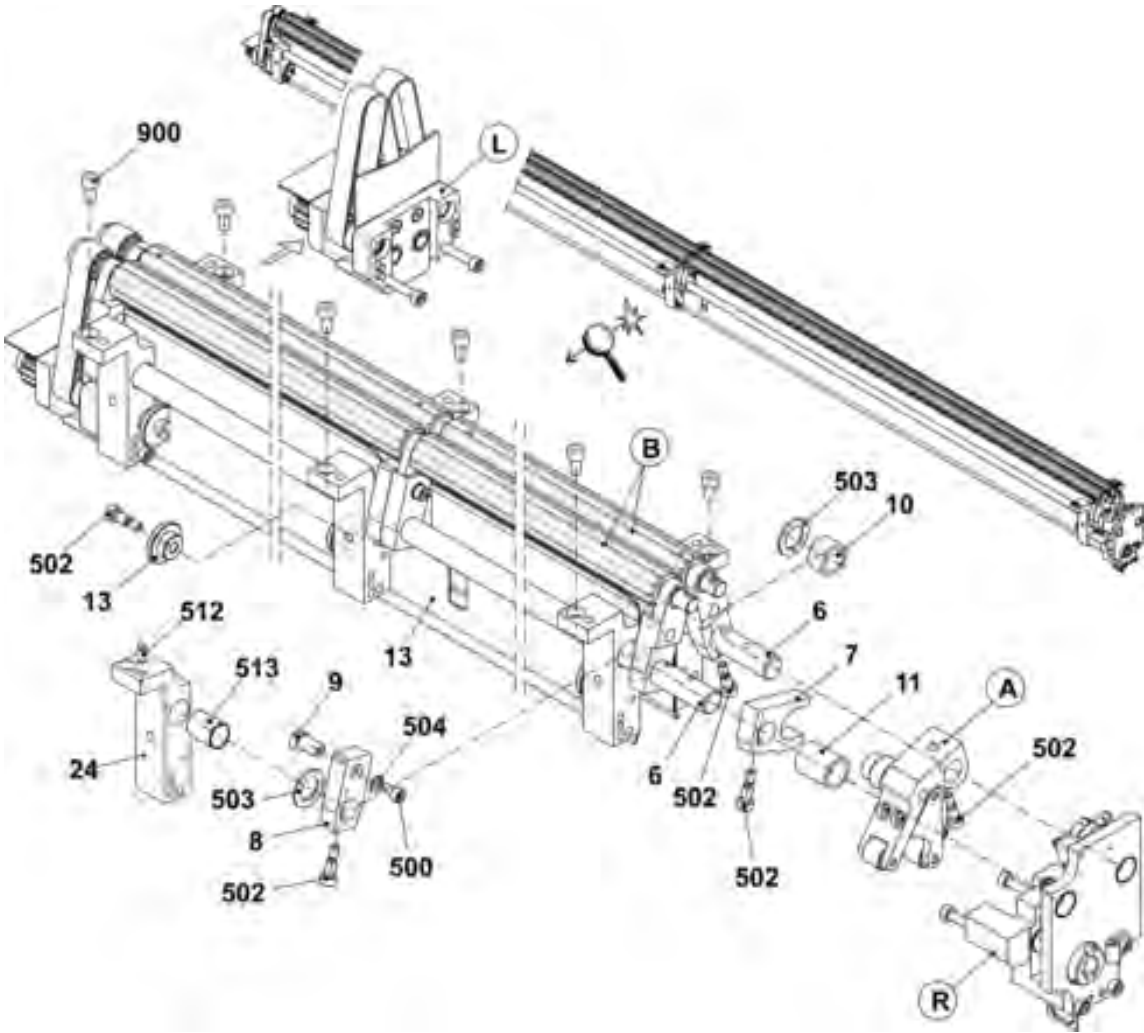
7.1 Auxiliary take-down

| Pos | Designation                       | ID      |  | Pos | Designation                                      | ID      |
|-----|-----------------------------------|---------|--|-----|--------------------------------------------------|---------|
| Σ   | Auxiliary take-down               |         |  |     |                                                  |         |
| 1   | Auxiliary take-down pre-assembled | 254 974 |  | 2   | Motor with 2 phases auxiliary take-down complete | 235 602 |



7.1.1 Auxiliary take-down pre-assembled

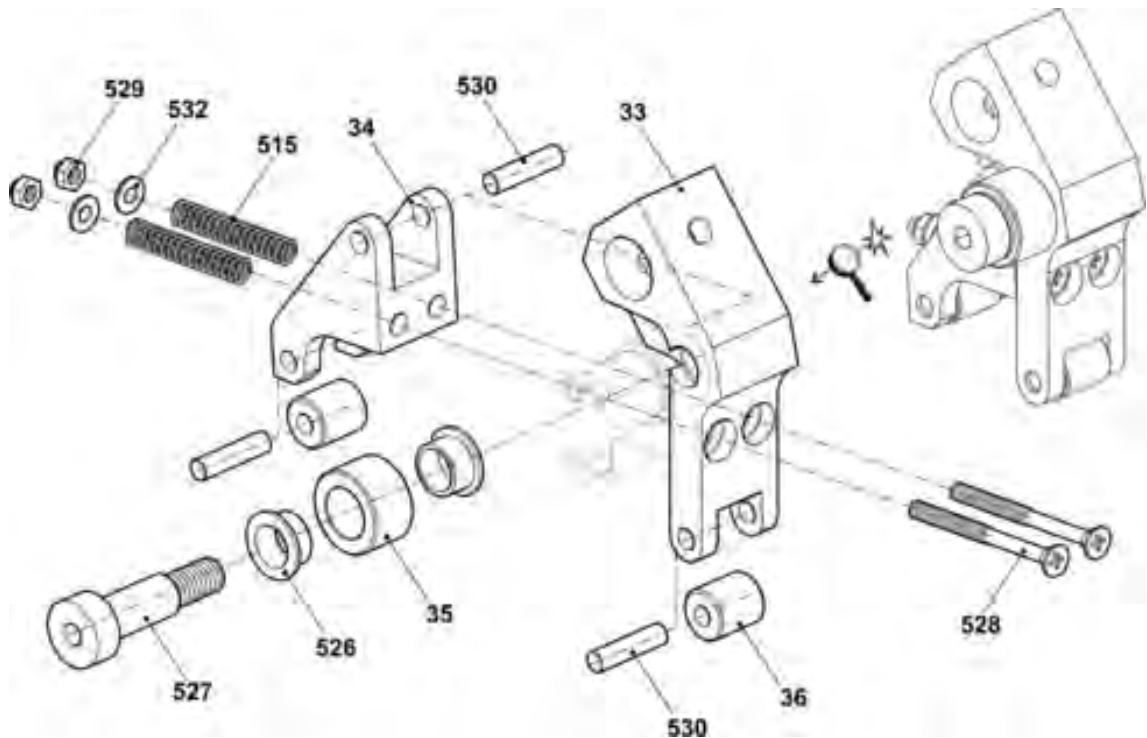
| Pos | Designation                       | Id      |  | Pos | Designation               | Id      |
|-----|-----------------------------------|---------|--|-----|---------------------------|---------|
| Σ   | Auxiliary take-down pre-assembled | 254 974 |  |     |                           |         |
| 6   | Contact shaft                     | 237 126 |  | B   | Take-down roller          | 237 128 |
| 7   | Lever                             | 235 164 |  | L   | Bearing on the left       | 236 894 |
| 8   | Clamping lever                    | 235 156 |  | R   | Bearing on the right      | 235 353 |
| 9   | Eccentric                         | 236 952 |  | 500 | Cap screw M5x10           | 022 918 |
| 10  | Spacer pipe                       | 235 189 |  | 502 | Cap screw 6x10            | 235 448 |
| 11  | Spacer pipe                       | 235 192 |  | 503 | Stop disk GTM-1524-015    | 235 447 |
| 12  | Cover plate                       | 237 127 |  | 504 | Disk5                     | 020 871 |
| 13  | Roll                              | 235 178 |  | 512 | Dowel pin 6x10            | 023 268 |
| 24  | Support                           | 235 150 |  | 513 | Slide bearing FSM-1517-20 | 237 060 |
| A   | Contact lever                     | 235 356 |  | 900 | Cap screw M6x12           | 020 134 |



7.1 Auxiliary take-down

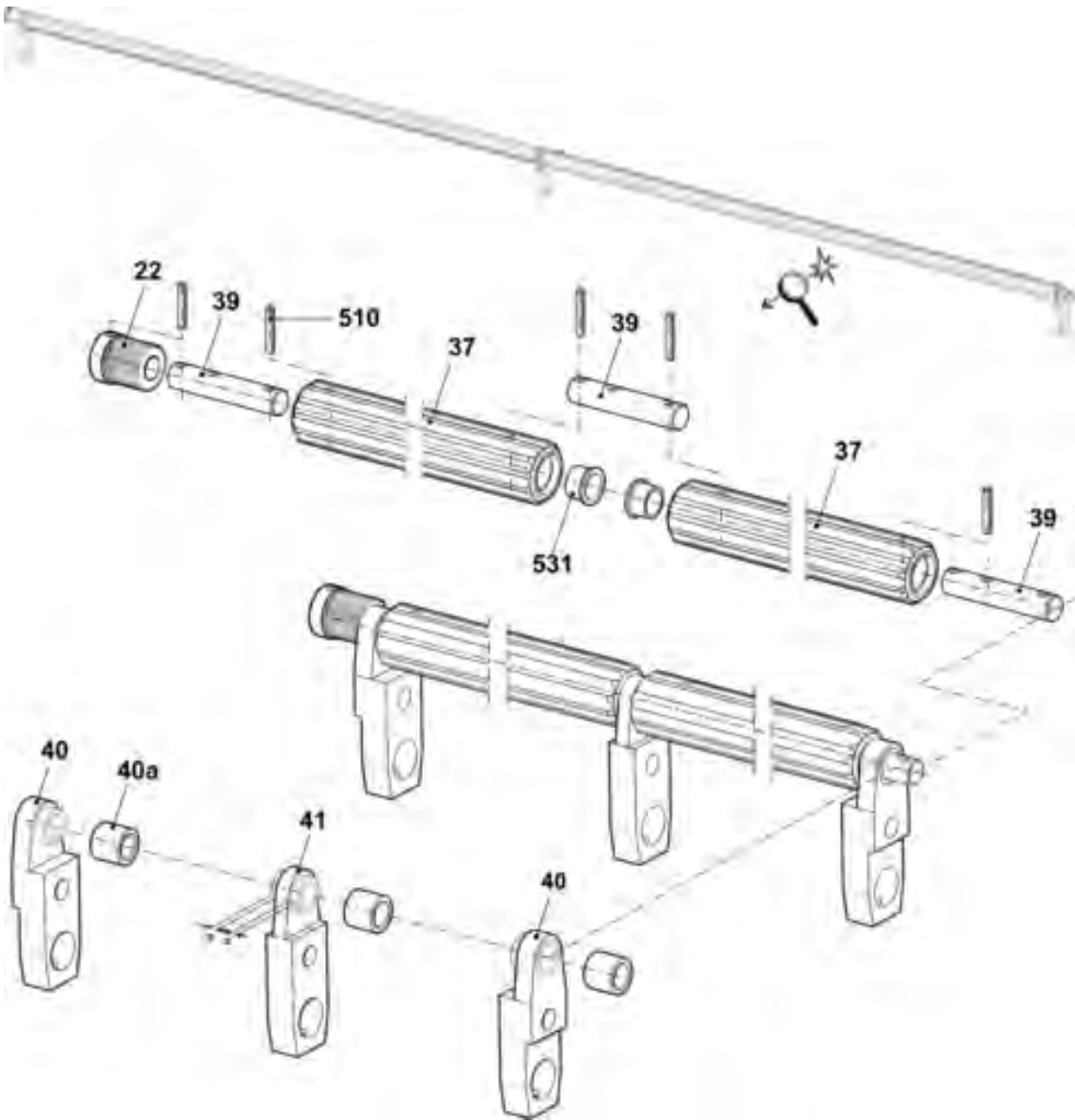
7.1.1.1 Contact lever

| Pos | Designation                     | Id      |  | Pos | Designation                  | Id      |
|-----|---------------------------------|---------|--|-----|------------------------------|---------|
| Σ   | Contact lever                   | 235 356 |  | 526 | Slide bearing GFM-10x1216-06 | 023 280 |
| 33  | Lever                           | 235 172 |  | 527 | Cap screw M10x16             | 023 748 |
| 34  | Toggle                          | 235 173 |  | 528 | Countersunk screw M4x45      | 023 291 |
| 35  | Roller                          | 235 176 |  | 529 | Hexagon nut M4-8             | 023 046 |
| 36  | Roll                            | 235 171 |  | 530 | Dowel pin 5x22-A-ST          | 023 716 |
| 515 | Compression spring 1,6x6,4x27,1 | 023 288 |  | 532 | Washer4                      | 020 870 |



7.1.1.2 Take-down roller

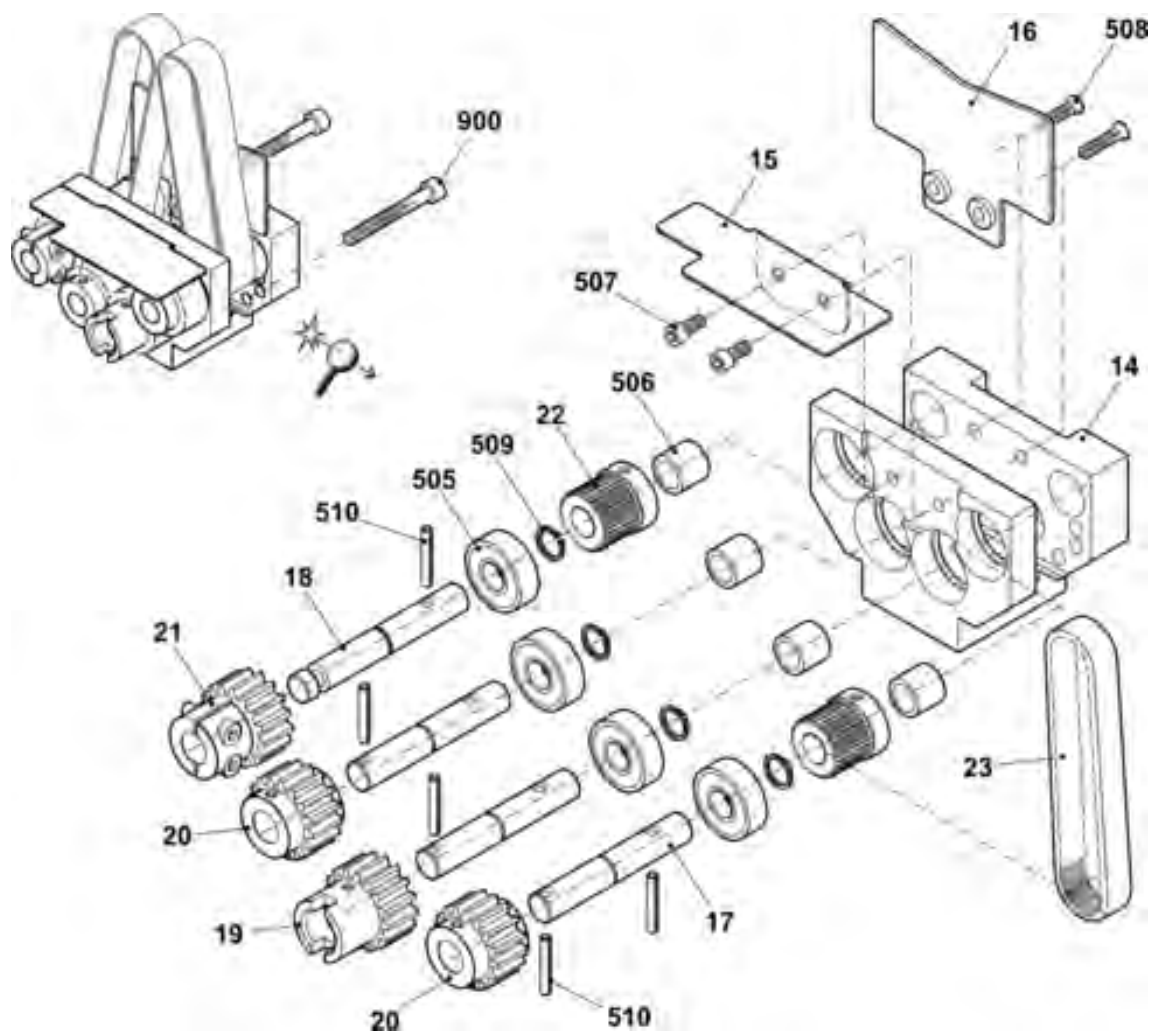
| Pos | Designation                              | Id      |  | Pos | Designation                          | Id      |
|-----|------------------------------------------|---------|--|-----|--------------------------------------|---------|
| Σ   | Take-down roller                         | 237 128 |  |     |                                      |         |
| 22  | Toothed belt pulley                      | 237 043 |  |     | 40a Needle roller bearing 10x14x12   | 023 665 |
| 37  | Take-down roller                         | 237 125 |  | 41  | Lever bearing in the middle complete | 235 359 |
| 39  | Bolts                                    | 236 973 |  | 531 | Slide bearing GFM-101214-07          | 023 627 |
| 40  | Lever bearing on the right/left complete | 235 358 |  | 510 | Spring dowel sleeve 3x18             | 237 059 |



7.1 Auxiliary take-down

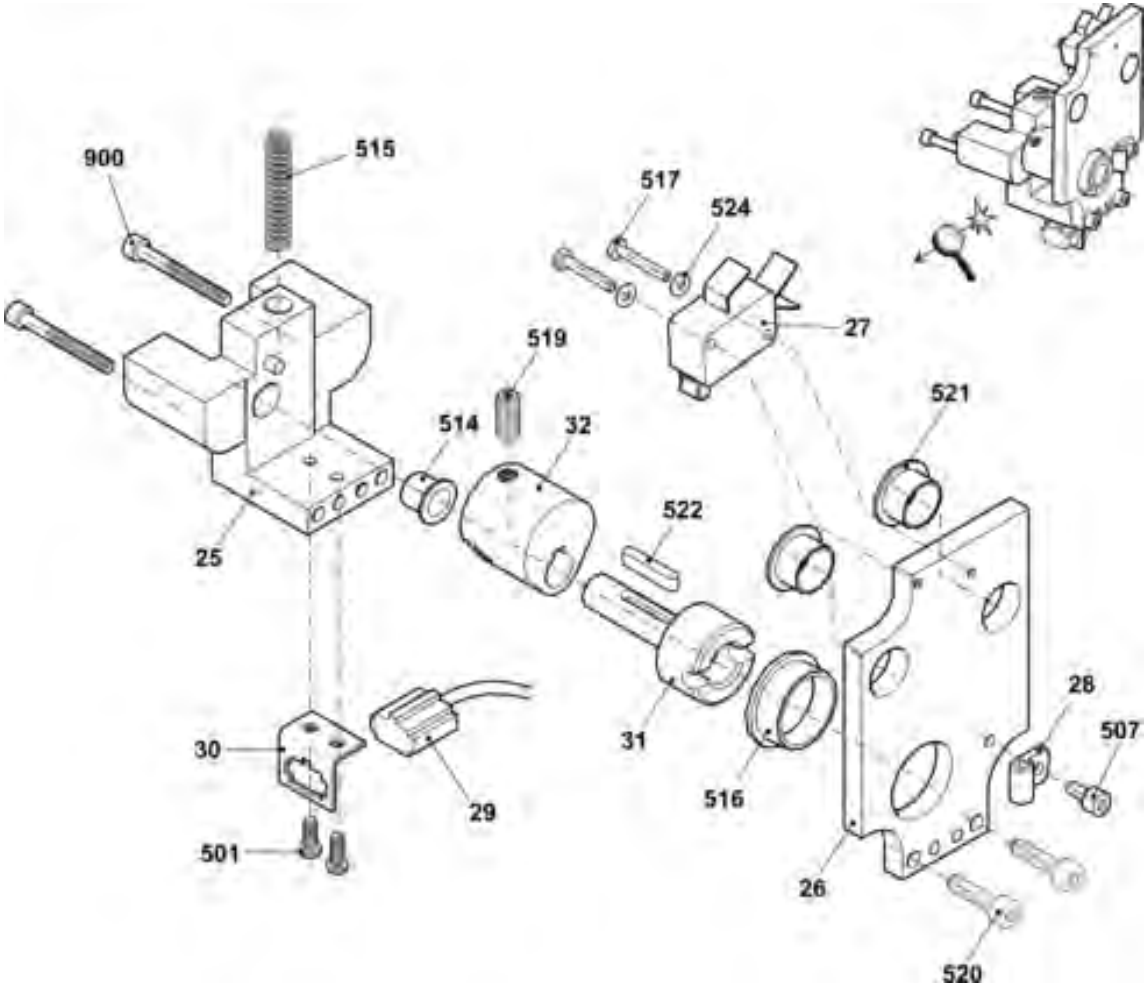
7.1.1.3 Left bearing of the auxiliary take-down

| Pos | Designation         | Id      |  | Pos | Designation                     | Id      |
|-----|---------------------|---------|--|-----|---------------------------------|---------|
| Σ   | Bearing on the left | 236 894 |  | 22  | Toothed belt pulley             | 237 043 |
| 14  | Drive bearing       | 237 422 |  | 23  | Toothed beltHPS5M NG CLEAN      | 237 118 |
| 15  | Cover plate         | 236 970 |  | 505 | Grooved ball bearing 61900-2RS1 | 023 714 |
| 16  | Cover plate         | 237 037 |  | 506 | Needle roller bearing 10x14x10  | 023 664 |
| 17  | Bolts               | 236 964 |  | 507 | Cap screw M4x8                  | 022 501 |
| 18  | Bolts               | 236 963 |  | 508 | Countersunk screw M4x12         | 023 062 |
| 19  | Gear wheel          | 236 914 |  | 509 | Locking ring10x1                | 020 950 |
| 20  | Gear wheel          | 236 916 |  | 510 | Spring dowel sleeve 3x18        | 237 059 |
| 21  | Gear wheel          | 236 917 |  | 900 | Cap screw M5x35                 | 022 879 |



7.1.1.4 Right bearing of the auxiliary take-down

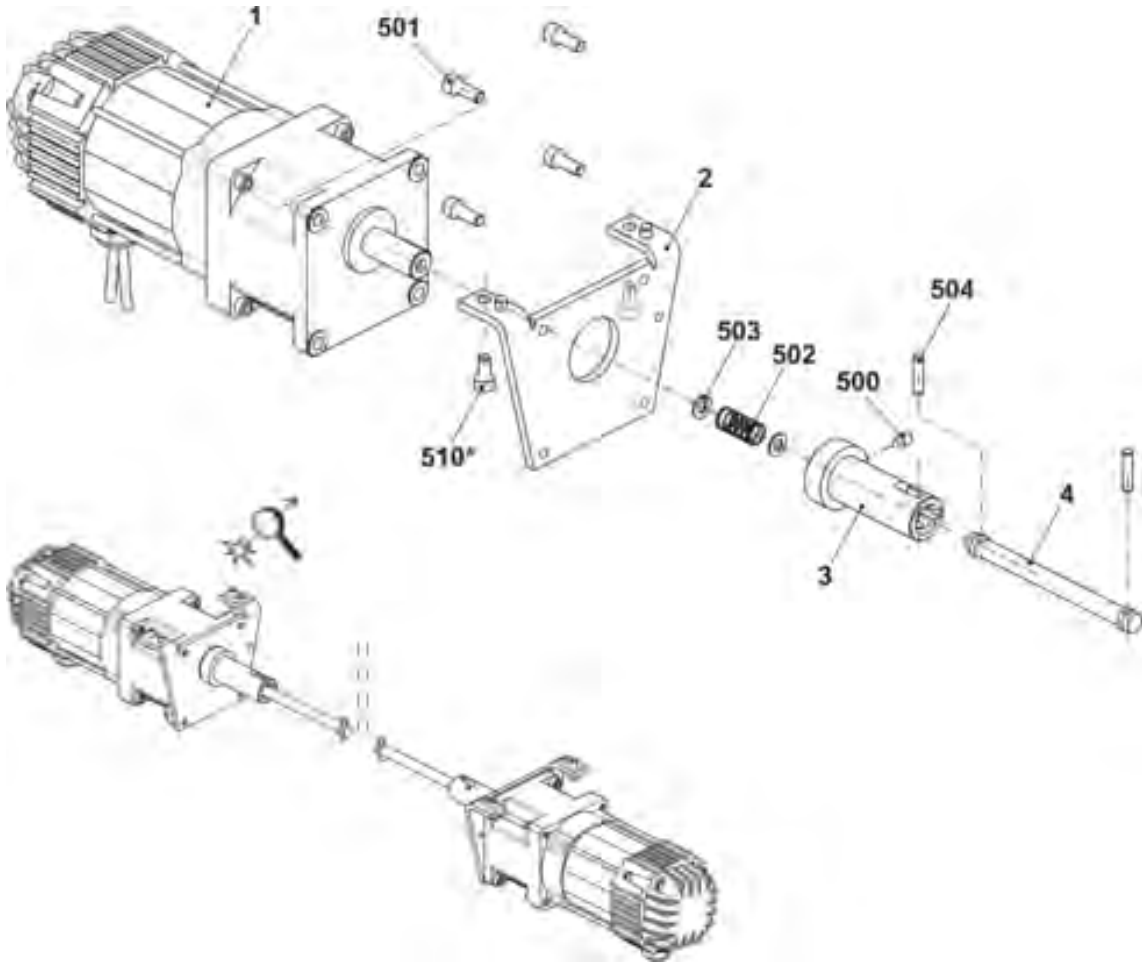
| Pos | Designation             | Id      | Pos | Designation                     | Id      |
|-----|-------------------------|---------|-----|---------------------------------|---------|
| Σ   | Bearing on the right    | 235 353 |     |                                 |         |
| 25  | Bearing on the right    | 237 520 | 514 | Slide bearing GFM-101216-09     | 023 356 |
| 26  | Plate                   | 235 168 | 515 | Compression spring 1,6x6,4x27,1 | 023 288 |
| 27  | Microswitch             | 026 259 | 516 | Slide bearing GFM-2427-07       | 023 712 |
| 28  | Cable clip N-3B 5mm     | 210 729 | 517 | Hexagon screw M3x16             | 237 058 |
| 29  | Cable switch HIAB St468 | 235 027 | 519 | Setscrew M6x12                  | 023 724 |
| 30  | Sheet metal for plug    | 236 068 | 520 | Cap screw M5x16                 | 022 726 |
| 31  | Shaft                   | 235 159 | 521 | Slide bearing GFM-1517-09       | 235 342 |
| 32  | Eccentric               | 235 165 | 522 | Feather key A 4x4x20            | 235 349 |
| 501 | Pan-head screw M4x8     | 023 579 | 524 | Washer3                         | 020 877 |
| 507 | Cap screw M4x8          | 022 501 | 900 | Cap screw M5x35                 | 022 879 |



7.1 Auxiliary take-down

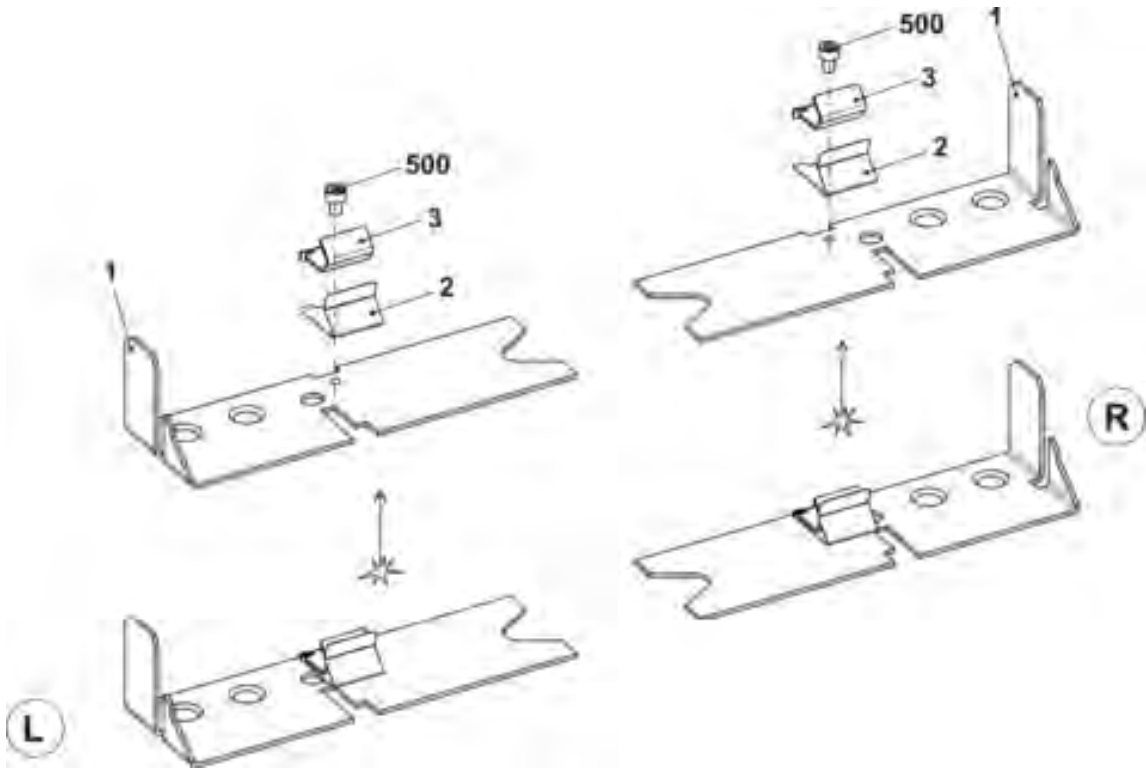
7.1.2 Motor

| Pos | Designation                                      | Id      |  | Pos | Designation                      | Id      |
|-----|--------------------------------------------------|---------|--|-----|----------------------------------|---------|
| Σ   | Motor with 2 phases auxiliary take-down complete |         |  |     |                                  |         |
| 1   | Motor 1,8NM 30MIN-1                              | 234 805 |  | 511 | SetscrewM6x10                    | 023 543 |
| 2   | Motor bracket                                    | 235 276 |  | 512 | Cap screw M6x16                  | 020 135 |
| 3   | Drive sleeve                                     | 235 285 |  | 513 | Compression spring 0,63x10,97x40 | 023 500 |
| 4   | Shaft                                            | 235 300 |  | 514 | Shim ring 6x12x1                 | 023 444 |
| 510 | Cap screw M6x12                                  | 020 134 |  | 515 | Dowel pin 5x22-A-ST              | 023 716 |



7.2 Yarn brake at clamping and cutting bed

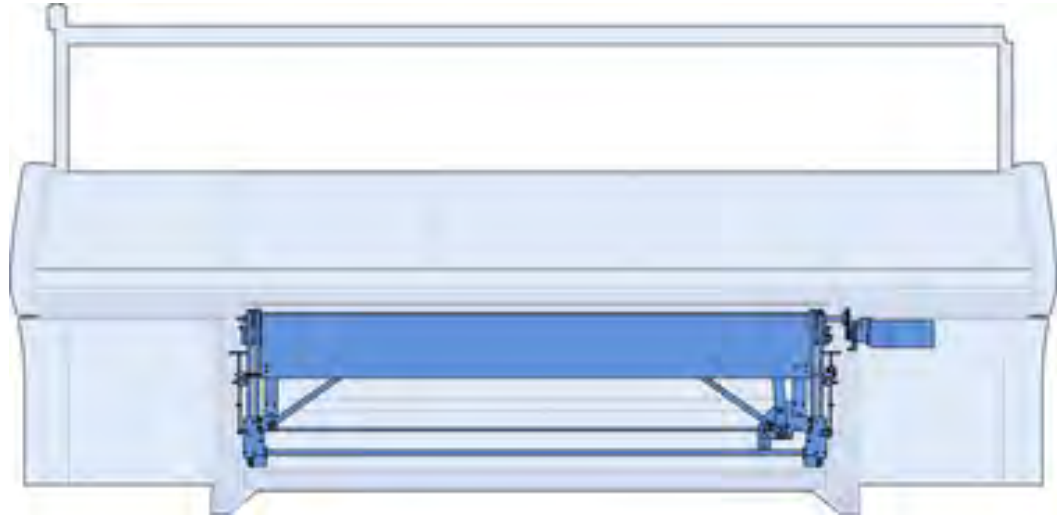
| Pos | Designation            | Id      |  | Pos | Designation             | Id      |
|-----|------------------------|---------|--|-----|-------------------------|---------|
| Σ L | Yarn brake on the left | 257 794 |  | Σ R | Yarn brake on the right | 257 793 |
| 1   | Cover on the left      | 257 792 |  | 3   | Cover on the right      | 257 791 |
| 2   | Leaf spring            | 256 712 |  | 1   | Leaf spring             | 256 712 |
| 3   | Test clamping plate    | 256 713 |  | 2   | Test clamping plate     | 256 713 |
| 500 | Cap screwM4x6          | 023 067 |  | 500 | Cap screwM4x6           | 023 067 |



7.2 Yarn brake at clamping and cutting bed

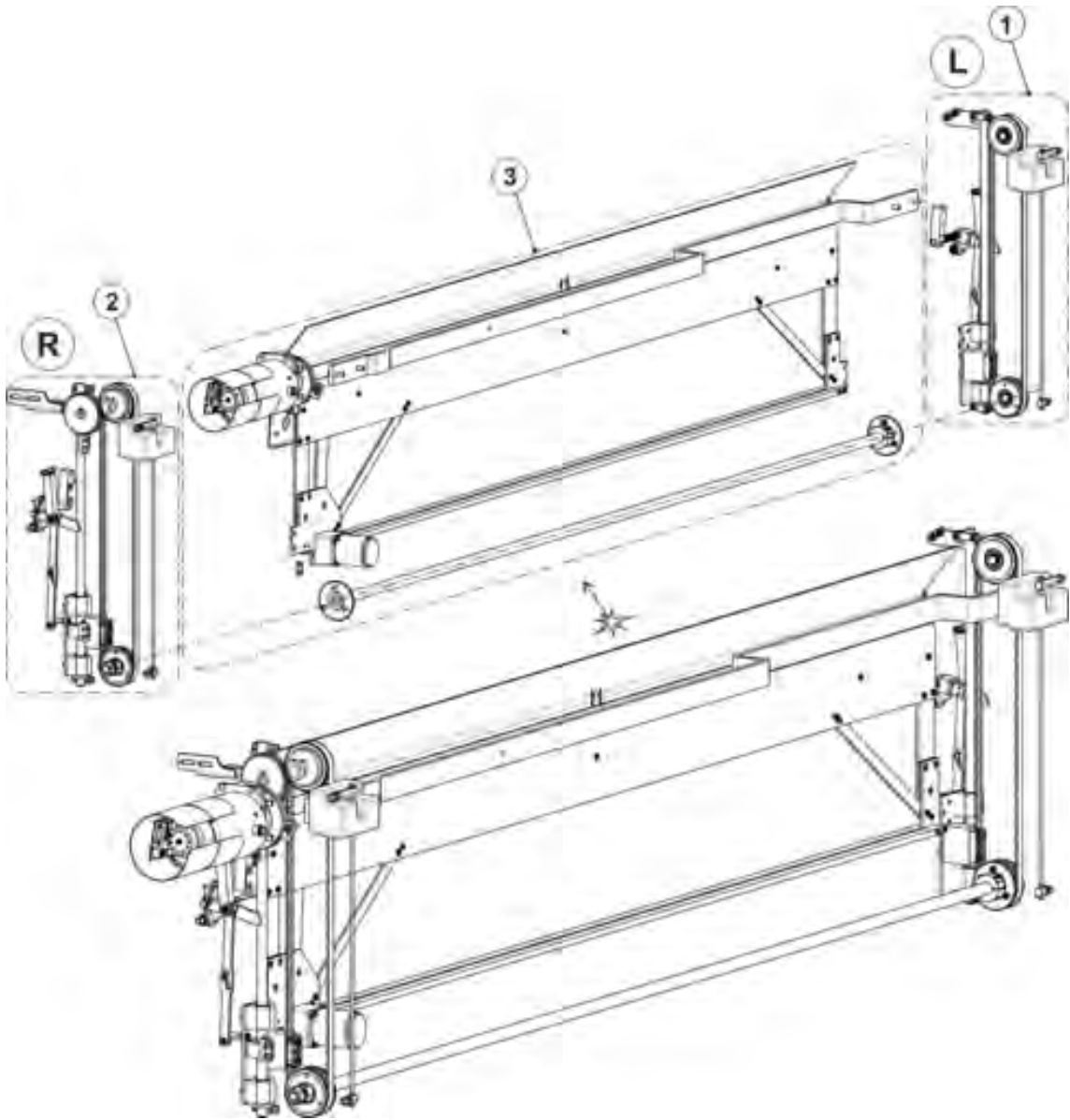
Notes:

## 8 Comb take-down



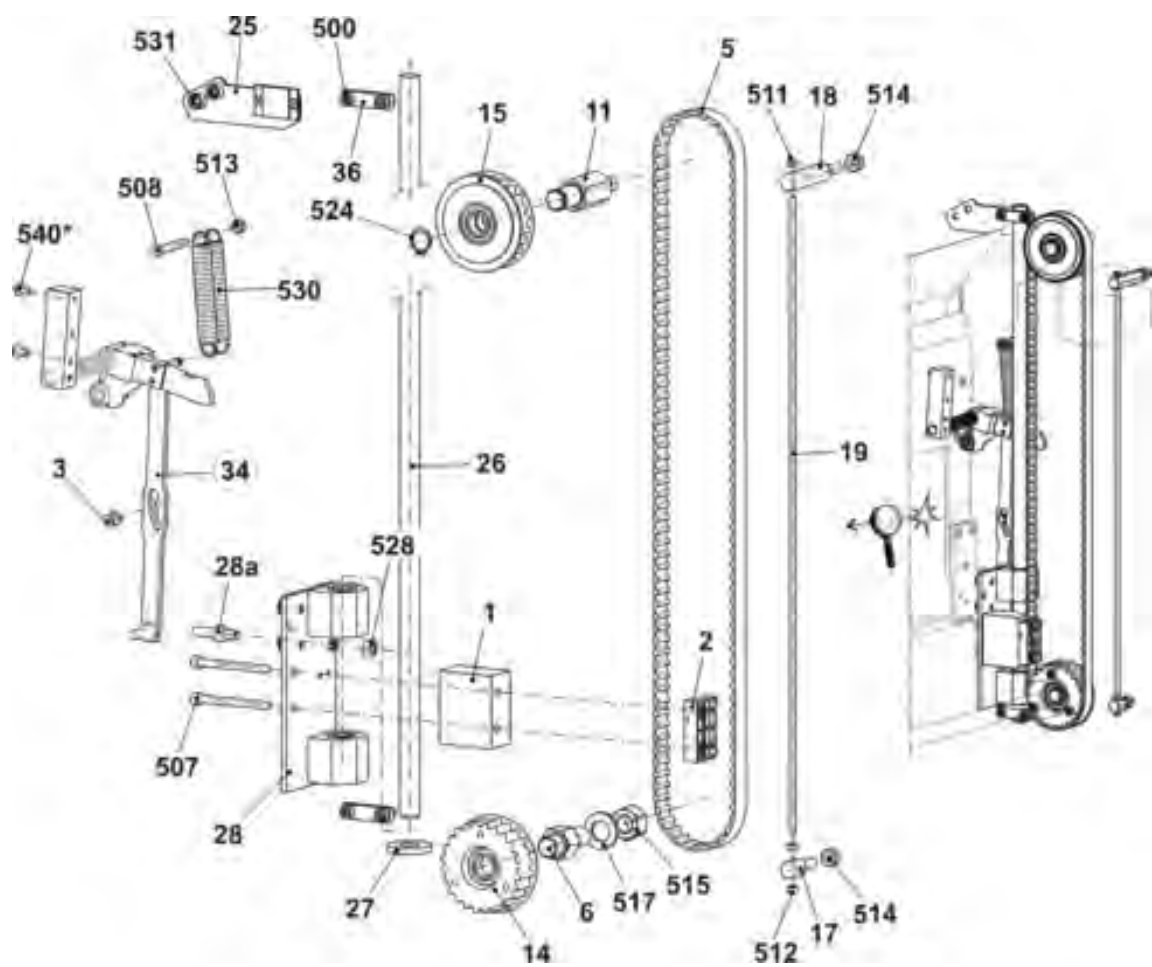
8.1 Comb take-down

| Pos | Designation                 | ID      |  | Pos | Designation                  | ID      |
|-----|-----------------------------|---------|--|-----|------------------------------|---------|
| Σ   | Comb take-down              |         |  | 3   | Comb take-down in the middle |         |
| 1   | Comb take-down on the left  | 256 838 |  |     | E5   E5m.4   E2,5.2          | 255 268 |
| 2   | Comb take-down on the right | 256 839 |  |     | E7   E7m.5   E7m.8   E3,5.2  | 255 269 |
|     |                             |         |  |     | E8   E8m.7                   | 255 270 |
|     |                             |         |  |     | E5.2                         | 255 271 |



8.1.1 Comb take-down on the left

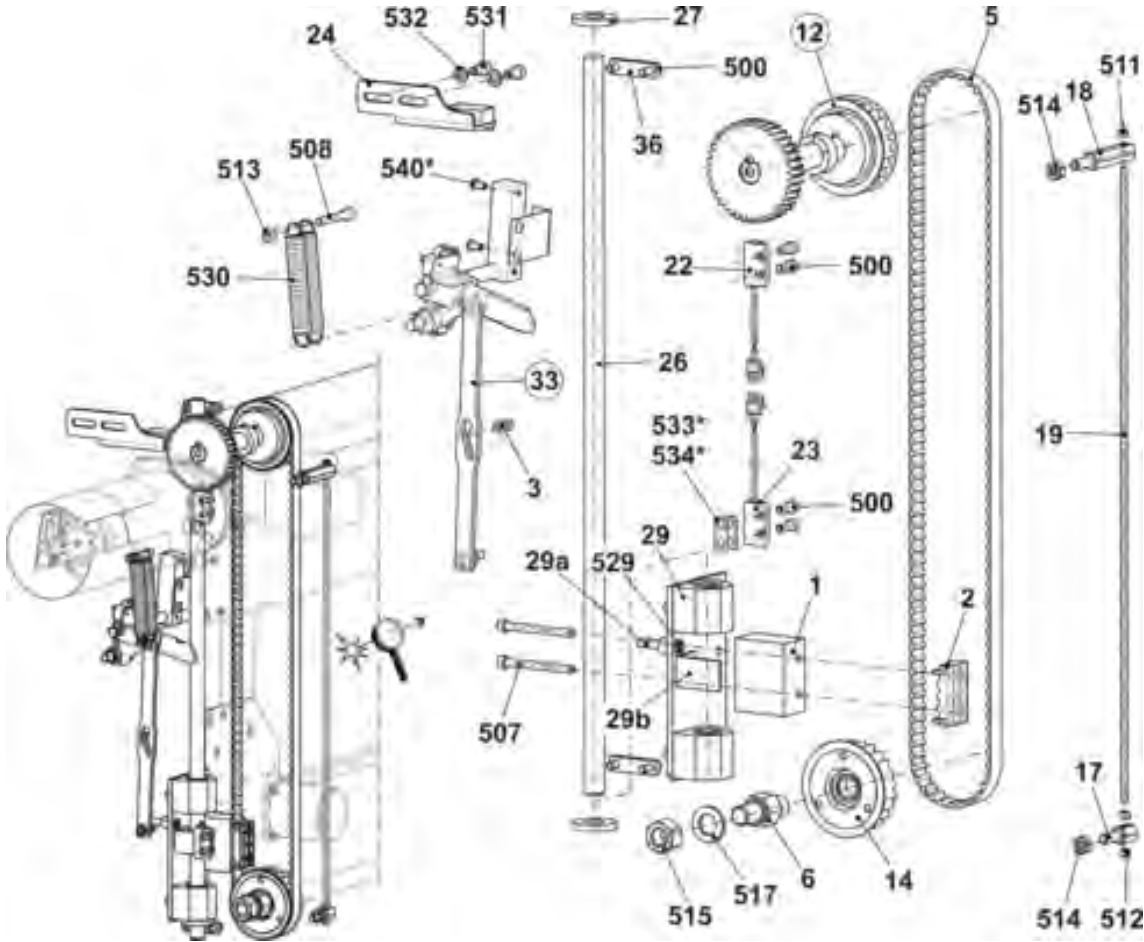
| Pos | Designation                                | Id      | Pos  | Designation                          | Id      |
|-----|--------------------------------------------|---------|------|--------------------------------------|---------|
| Σ   | Comb take-down on the left                 | 256 838 |      |                                      |         |
| 1   | Clamping piece                             | 209 379 |      | 528 Hexagon nut M8-6                 | 020 838 |
| 2   | Pressure plate                             | 241 967 | 34   | Swivel lever on the left             | 252 859 |
| 3   | Bolts                                      | 222 152 | 36   | Clamping plate                       | 227 159 |
| 5   | Toothed belt16T10/1300                     | 240 065 | 500  | Cap screwM6x16                       | 020 135 |
| 6   | Eccentric pin                              | 222 320 | 507  | Cap screwM6x65                       | 240 162 |
| 11  | Bolts                                      | 207 689 | 508  | Cap screwM6x45                       | 022 689 |
| 14  | Toothed lock washer at the bottom complete | 211 822 | 511  | Hexagon nut M5-8                     | 023 541 |
| 15  | Toothed lock washer at the top complete    | 211 823 | 512  | Hexagon nut M5-6                     | 020 835 |
| 17  | Stay bolt                                  | 222 315 | 513  | Hexagon nut M6-6                     | 020 836 |
| 18  | Stay bolt                                  | 240 056 | 514  | Hexagon nut M8-6                     | 020 838 |
| 19  | Threaded rod M5                            | 240 057 | 515  | Hexagon nut M16-6                    | 020 845 |
| 25  | Reflector complete                         | 256 826 | 517  | Washer16                             | 020 876 |
| 26  | Guide bar C35                              | 206 560 | 524  | Locking ring17x1                     | 023 299 |
| 27  | Rubber buffer                              | 206 561 | 530  | Tension spring Din2097 15x1,50x70,94 | 251 614 |
| 28  | Comb guide on the left                     | 255 425 | 531  | Cap screwM6x12                       | 020 134 |
| 28a | Driving bolt                               | 255 427 | 540* | Pan-head screwM5x10                  | 023 247 |



8.1 Comb take-down

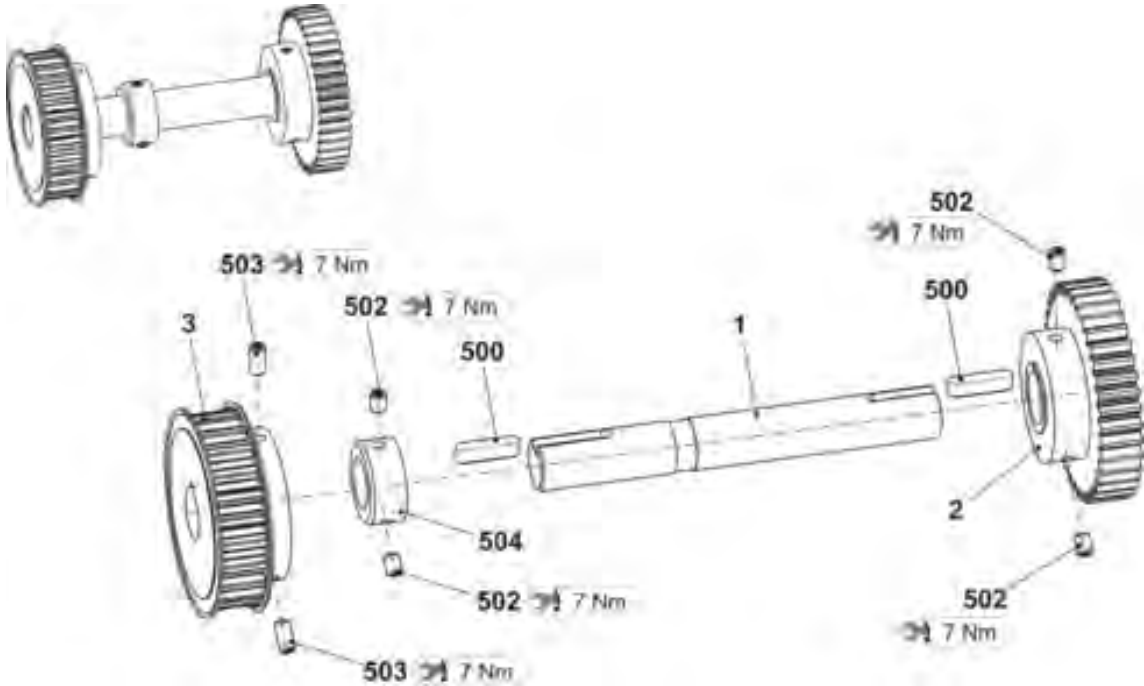
8.1.2 Comb take-down on the right

| Pos | Designation                                | Id      |  | Pos  | Designation                  | Id      |
|-----|--------------------------------------------|---------|--|------|------------------------------|---------|
| Σ   | Comb take-down on the right                | 256 839 |  |      |                              |         |
| 1   | Clamping piece                             | 209 379 |  | 529  | Hexagon nut M8-6             | 020 838 |
| 2   | Pressure plate                             | 241 967 |  | 33   | Swivel lever on the right    | 252 858 |
| 3   | Bolts                                      | 222 152 |  | 36   | Clamping plate               | 227 159 |
| 5   | Toothed belt16T10/1300                     | 240 065 |  | 500  | Cap screwM6x16               | 020 135 |
| 6   | Eccentric pin                              | 222 320 |  | 507  | Cap screwM6x65               | 240 162 |
| 12  | Drive shaft comb complete                  | 214 583 |  | 508  | Cap screwM6x45               | 022 689 |
| 14  | Toothed lock washer at the bottom complete | 211 822 |  | 511  | Hexagon nut M5-8             | 023 541 |
| 17  | Stay bolt                                  | 222 315 |  | 512  | Hexagon nut M5-6             | 020 835 |
| 18  | Stay bolt                                  | 240 056 |  | 513  | Hexagon nut M6-6             | 020 836 |
| 19  | Threaded rod M5                            | 240 057 |  | 514  | Hexagon nut M8-6             | 020 838 |
| 22  | Proximity switch inductive at the top      | 231 516 |  | 515  | Hexagon nut M16-6            | 020 845 |
| 23  | Proximity switch inductive at the bottom   | 231 520 |  | 517  | Washer16                     | 020 876 |
| 24  | Holding angle light barrier                | 257 409 |  | 530  | Tension spring 15x1,50x70,94 | 251 614 |
| 26  | Guide bar C35                              | 206 560 |  | 531  | Cap screwM6x12               | 020 134 |
| 27  | Rubber buffer                              | 206 561 |  | 532  | Washer6                      | 020 872 |
| 29  | Comb guide on the right                    | 255 424 |  | 533* | Shim 0,2x12x27               | 023 735 |
| 29a | Driving bolt                               | 255 427 |  | 534* | Shim 0,5x12x27               | 023 736 |
| 29b | Angle                                      | 240 112 |  | 540* | Pan-head screwM5x10          | 023 247 |



8.1.2.1 Drive shaft of comb

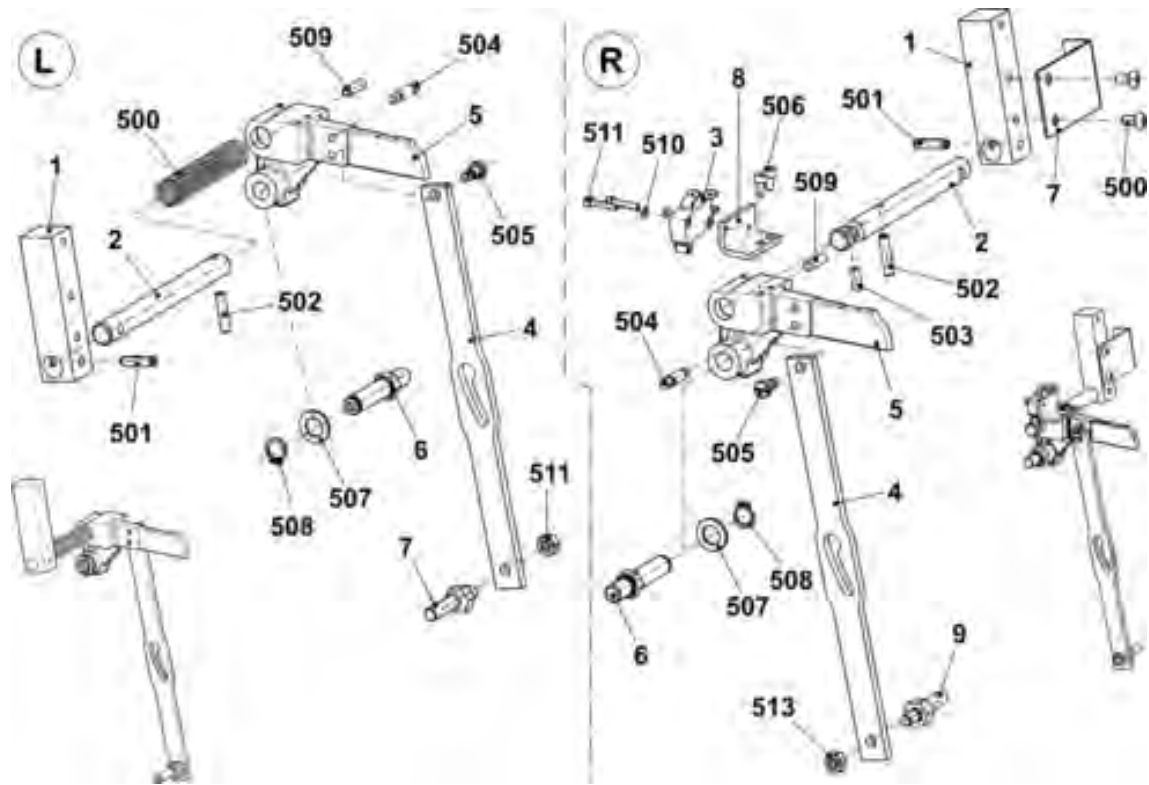
| Pos | Designation                            | Id      |  | Pos | Designation          | Id      |
|-----|----------------------------------------|---------|--|-----|----------------------|---------|
| Σ   | Drive shaft comb complete              | 214 583 |  |     |                      |         |
| 1   | Shaft                                  | 213 969 |  | 500 | Feather key A 6x6x25 | 023 017 |
| 2   | Gear wheel Z=40, M=2                   | 213 744 |  | 502 | Setscrew M6x8        | 022 684 |
|     | Always order position 502 additionally |         |  | 503 | Setscrew M6x12       | 023 898 |
| 3   | Toothed belt pulley at the top         | 206 394 |  | 504 | Set collar           | 020 938 |
|     | Always order position 503 additionally |         |  |     |                      |         |
|     |                                        |         |  |     |                      |         |



8.1 Comb take-down

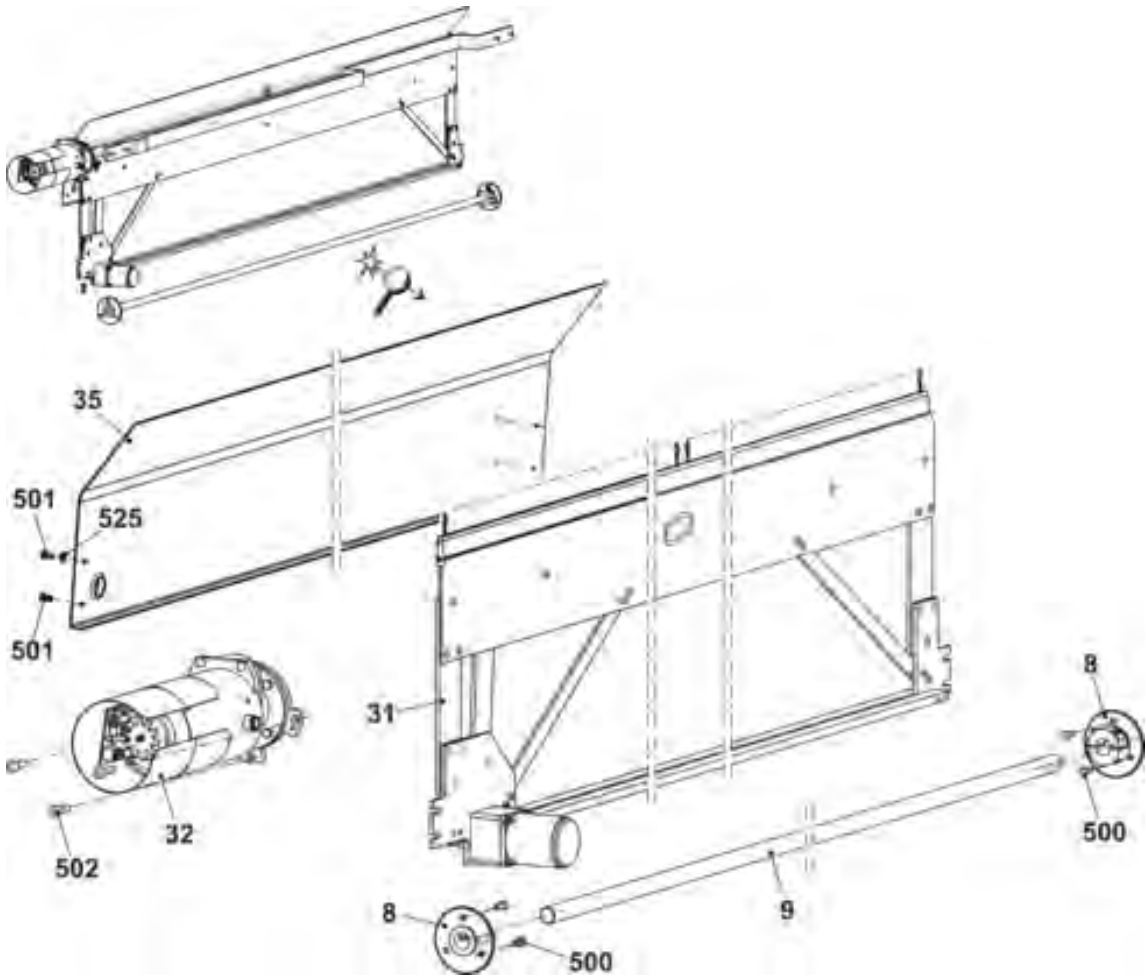
8.1.2.2 Swivel lever comb take-down

| Pos | Designation                      | Id      |  | Pos | Designation               | Id      |
|-----|----------------------------------|---------|--|-----|---------------------------|---------|
| Σ L | Swivel lever on the left         | 252 859 |  | Σ R | Swivel lever on the right | 252 858 |
| 1   | Support                          | 252 780 |  | 1   | Support                   | 252 780 |
| 2   | Shaft                            | 223 994 |  | 2   | Shaft                     | 238 339 |
| 4   | Plunger                          | 255 650 |  | 3   | Microswitch               | 026 259 |
| 5   | Swivel lever                     | 239 248 |  | 4   | Plunger                   | 255 650 |
| 6   | Bolt                             | 214 053 |  | 5   | Swivel lever              | 239 248 |
| 7   | Eccentric bolt                   | 255 651 |  | 6   | Bolt                      | 214 053 |
| 500 | Compression spring 1,4x13,6x93   | 023 572 |  | 7   | Angle                     | 224 009 |
| 501 | Spring dowel sleeve Iso8752-5x20 | 020 794 |  | 8   | Angle                     | 238 304 |
| 502 | Dowel pin 5x22                   | 023 716 |  | 9   | Eccentric bolt            | 255 651 |
| 504 | Shoulder screw M5x29x35          | 251 618 |  | 500 | Pan-head screwM5x10       | 023 247 |
| 505 | Shoulder screw M5x5,8x6,2        | 023 365 |  | 501 | Spring dowel sleeve 5x20  | 020 794 |
| 507 | Washer10                         | 020 884 |  | 502 | Dowel pin 5x22            | 023 716 |
| 508 | Locking ring                     | 020 950 |  | 503 | Spring dowel sleeve 5x12  | 020 793 |
| 509 | Shoulder screw M5x12x18          | 020 539 |  | 504 | Shoulder screw M5x29x35   | 251 618 |
| 511 | Hexagon nut M8-6                 | 020 838 |  | 505 | Shoulder screw M5X5,8X6,2 | 023 365 |
|     |                                  |         |  | 506 | Cap screwM4x8             | 022 501 |
|     |                                  |         |  | 507 | Washer10                  | 020 884 |
|     |                                  |         |  | 508 | Locking ring 10x1         | 020 950 |
|     |                                  |         |  | 509 | Shoulder screw M5X12X18   | 020 539 |
|     |                                  |         |  | 510 | Cap screwM3x16            | 022 583 |
|     |                                  |         |  | 511 | Washer3                   | 020 877 |
|     |                                  |         |  | 513 | Hexagon nut M8-6          | 020 838 |



8.1.3 Comb take-down in the middle

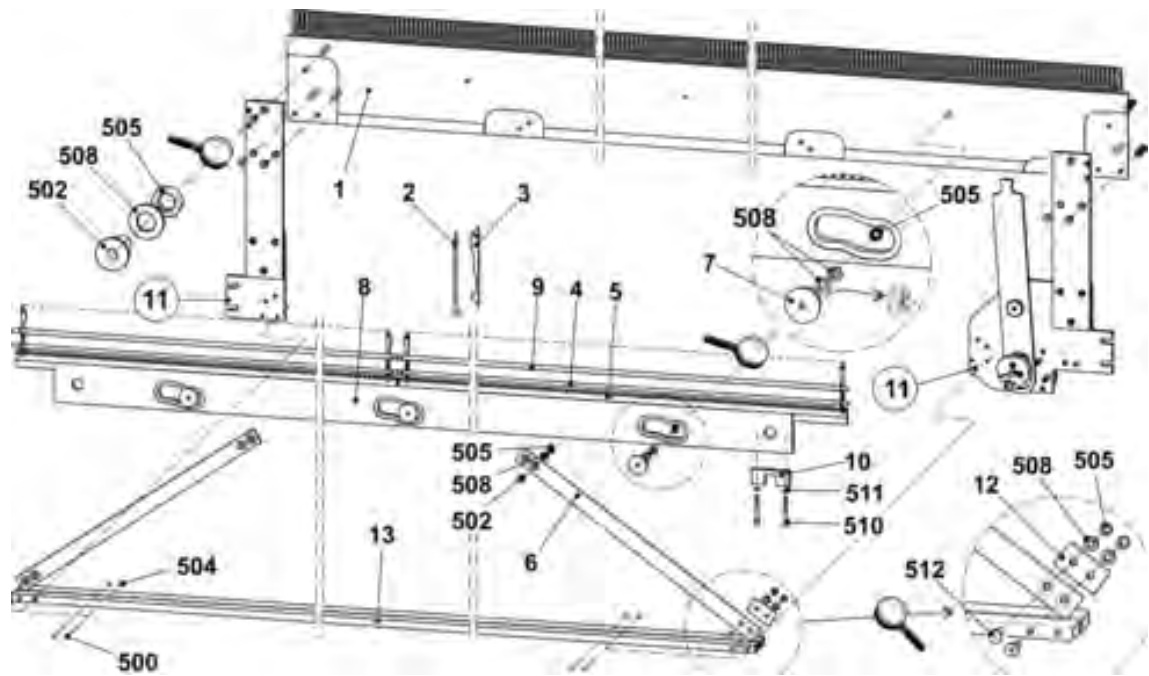
| Pos | Designation                  | ID      |  | Pos | Designation                   | ID      |
|-----|------------------------------|---------|--|-----|-------------------------------|---------|
| Σ   | Comb take-down in the middle |         |  | 31  | Comb unit                     |         |
|     | E5   E5m.4   E2,5.2          | 255 268 |  |     | E5   E5m.4   E2,5.2           | 242 256 |
|     | E7   E7m.5   E7m.8   E3,5.2  | 255 269 |  |     | E7   E7m.5   E7m.8   E3,5.2   | 242 257 |
|     | E8   E8m.7                   | 255 270 |  |     | E8   E8m.7                    | 242 258 |
|     | E5.2                         | 255 271 |  |     | E5.2                          | 242 259 |
| 8   | Flange                       | 207 695 |  | 32  | Motor take-down unit complete | 253 803 |
| 9   | Shaft long                   | 236 875 |  | 35  | Guide plate                   | 252 830 |
| 500 | Cap screwM6x16               | 020 135 |  | 502 | Cap screwM8x25                | 020 142 |
| 501 | Pan-head screwM5x10          | 023 247 |  | 525 | Serrated lock washer J5,3     | 022 489 |
|     |                              |         |  |     |                               |         |



8.1 Comb take-down

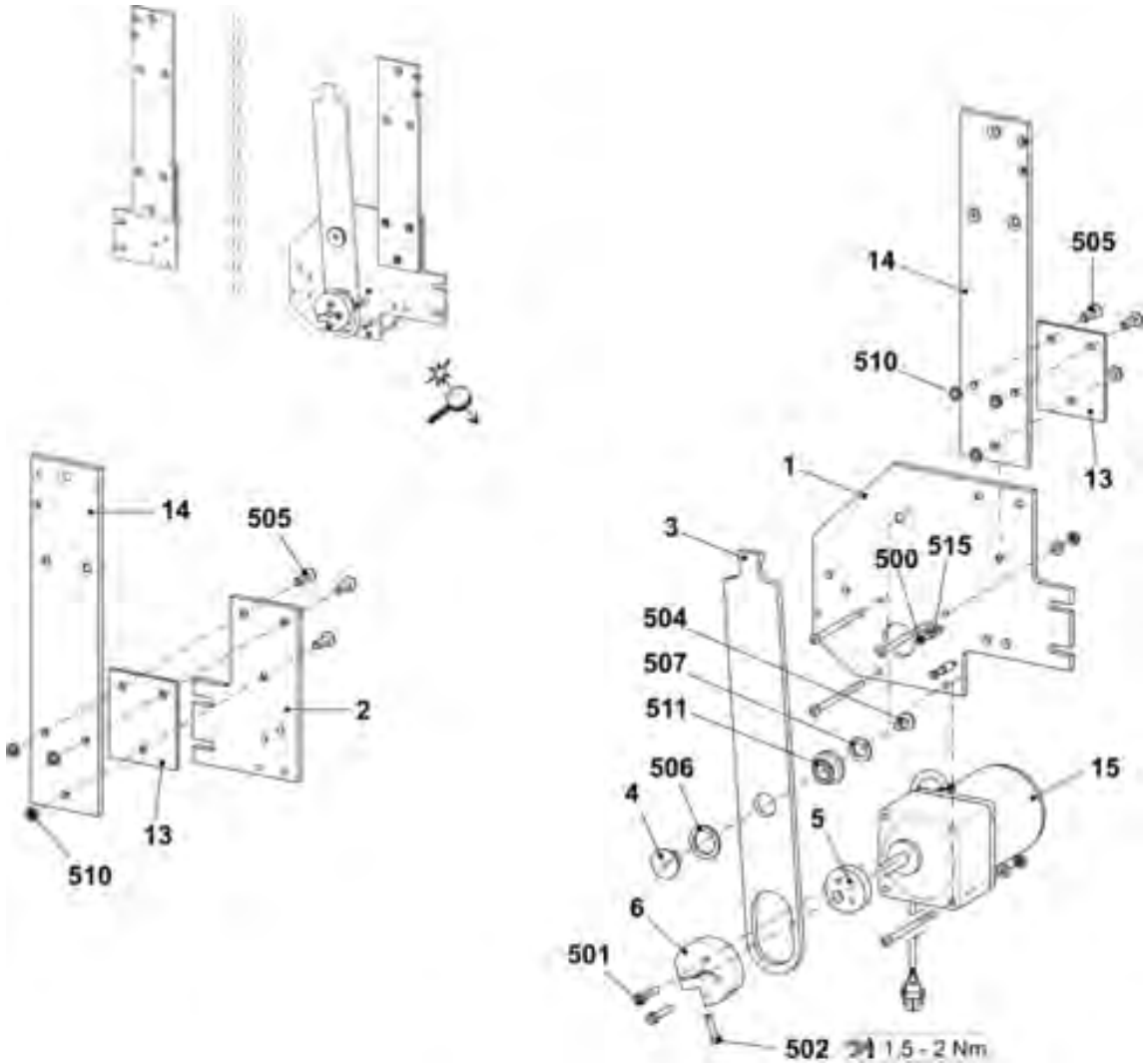
8.1.3.1 Comb unit

| Pos | Designation                 | ID      | Pos | Designation                  | ID      |
|-----|-----------------------------|---------|-----|------------------------------|---------|
| Σ   | Comb unit                   |         | 5   | Hook slider                  |         |
|     | E5   E5m.4   E2,5.2         | 242 256 |     | E5   E5m.4   E2,5.2          | 237 463 |
|     | E7   E7m.5   E7m.8   E3,5.2 | 242 257 |     | E7   E7m.5   E7m.8   E3,5.2  | 237 464 |
|     | E8   E8m.7                  | 242 258 |     | E8   E8m.7                   | 237 466 |
|     | E5.2                        | 242 259 |     | E5.2                         | 237 465 |
| 1   | Hook bed                    |         | 6   | Strut                        | 218 740 |
|     | E5   E5m.4   E2,5.2         | 237 468 | 7   | Collar bolt complete         | 211 036 |
|     | E7   E7m.5   E7m.8   E3,5.2 | 237 469 | 8   | Cross slider                 | 237 069 |
|     | E8   E8m.7                  | 237 694 | 9   | Cover rail                   | 237 074 |
|     | E5.2                        | 237 470 | 10  | Plunger                      | 205 678 |
| 2   | Closer                      |         | 11  | Switching lever complete     | 240 060 |
|     | E5   E5m.4   E2,5.2         | 230 105 | 12  | Intermediate plate           | 218 742 |
|     | E7   E7m.5   E7m.8   E3,5.2 | 230 105 | 13  | Stabilizer                   | 237 056 |
|     | E8   E8m.7                  | 230 105 | 500 | Cap screw M4x50              | 023 102 |
|     | E5.2                        | 230 106 | 502 | Countersunk head screw M5x12 | 023 340 |
| 3   | Body                        |         | 504 | Hexagon nut M4-8             | 023 046 |
|     | E5   E5m.4   E2,5.2         | 230 093 | 505 | Hexagon nut M5-04            | 020 854 |
|     | E7   E7m.5   E7m.8   E3,5.2 | 230 093 | 508 | Washer5-200                  | 020 871 |
|     | E8   E8m.7                  | 230 093 | 510 | Cap screw M4x30              | 023 290 |
|     | E5.2                        | 230 094 | 511 | Circlip                      | 022 774 |
| 4   | Cover rail                  | 237 065 | 512 | Countersunk screw M5x16      | 023 417 |



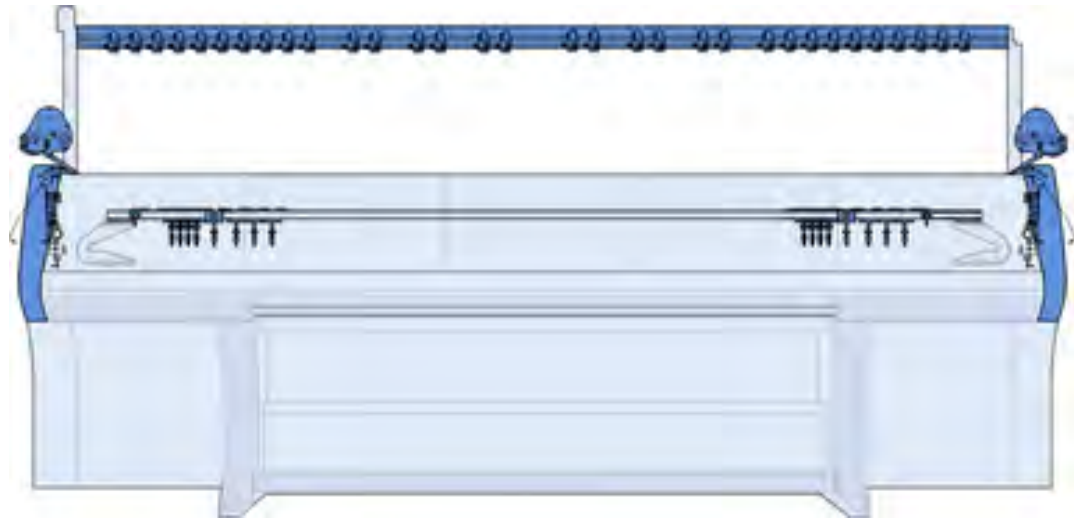
8.1.3.1.1 Switching lever comb take-down

| Pos | Designation                   | ID      |  | Pos | Designation             | ID      |
|-----|-------------------------------|---------|--|-----|-------------------------|---------|
| Σ   | Switching lever complete      | 240 060 |  | 500 | Cap screwM3x25          | 023 093 |
| 1   | Screw-on plate on the right   | 240 058 |  | 501 | Cap screwM4x20          | 023 171 |
| 2   | Screw-on plate on the left    | 240 059 |  | 502 | Cap screwM4x16          | 023 123 |
| 3   | Lever                         | 215 228 |  | 504 | Pan-head screw M6x12    | 023 435 |
| 4   | Bearing bolt                  | 215 675 |  | 505 | Pan-head screw M5x16    | 023 417 |
| 5   | Eccentric                     | 205 681 |  | 506 | Shim ring 16x22x2       | 023 449 |
| 6   | Tension cam                   | 215 287 |  | 507 | Shim ring 10x16x1       | 023 260 |
| 13  | Intermediate plate            | 213 980 |  | 510 | Hexagon nut M5          | 020 854 |
| 14  | Holding plate                 | 218 977 |  | 511 | Collar bearing 10x16x22 | 022 841 |
| 15  | Motor comb hook with 2 phases | 244 635 |  | 515 | Threaded spacer         | 210 488 |



Notes:

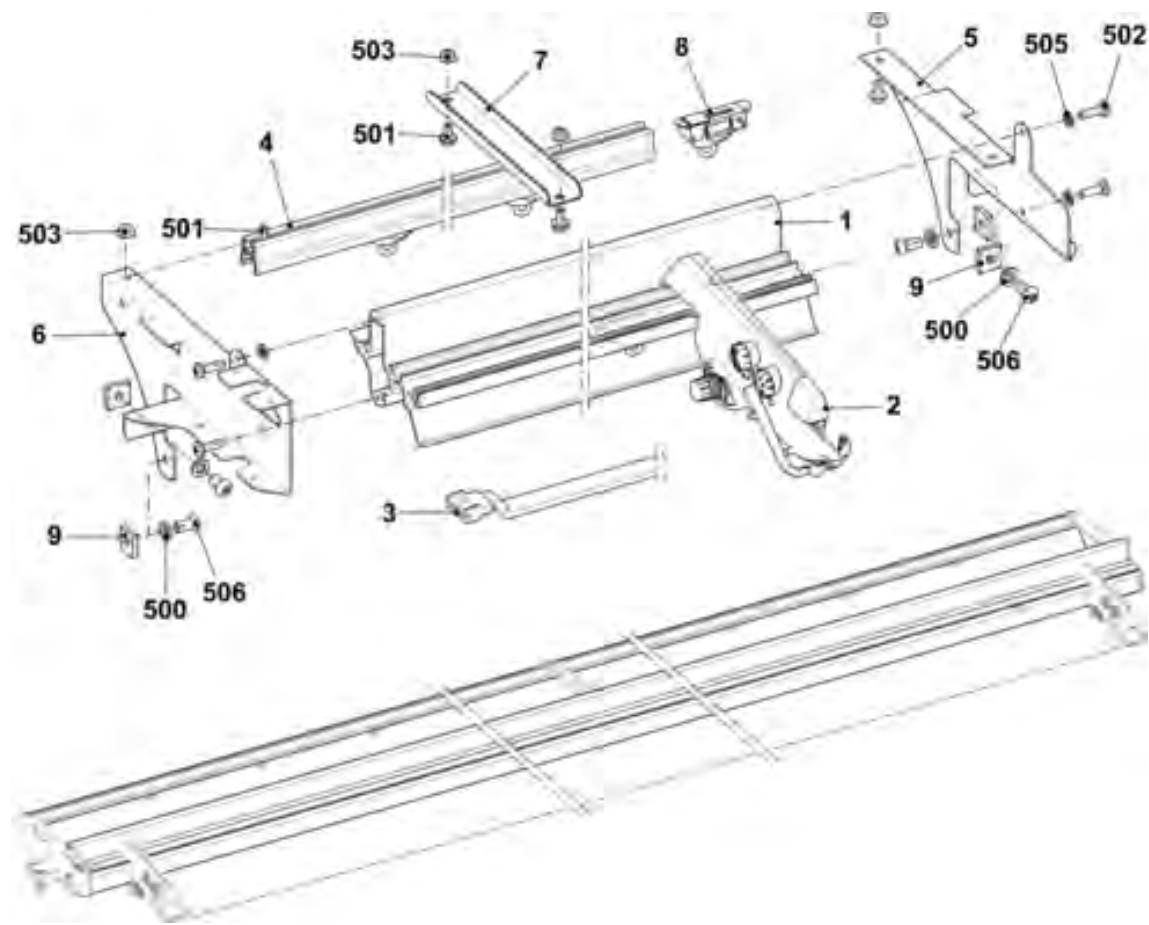
## 9 Yarn delivery device



9.1 Yarn guide system with 26 FKE

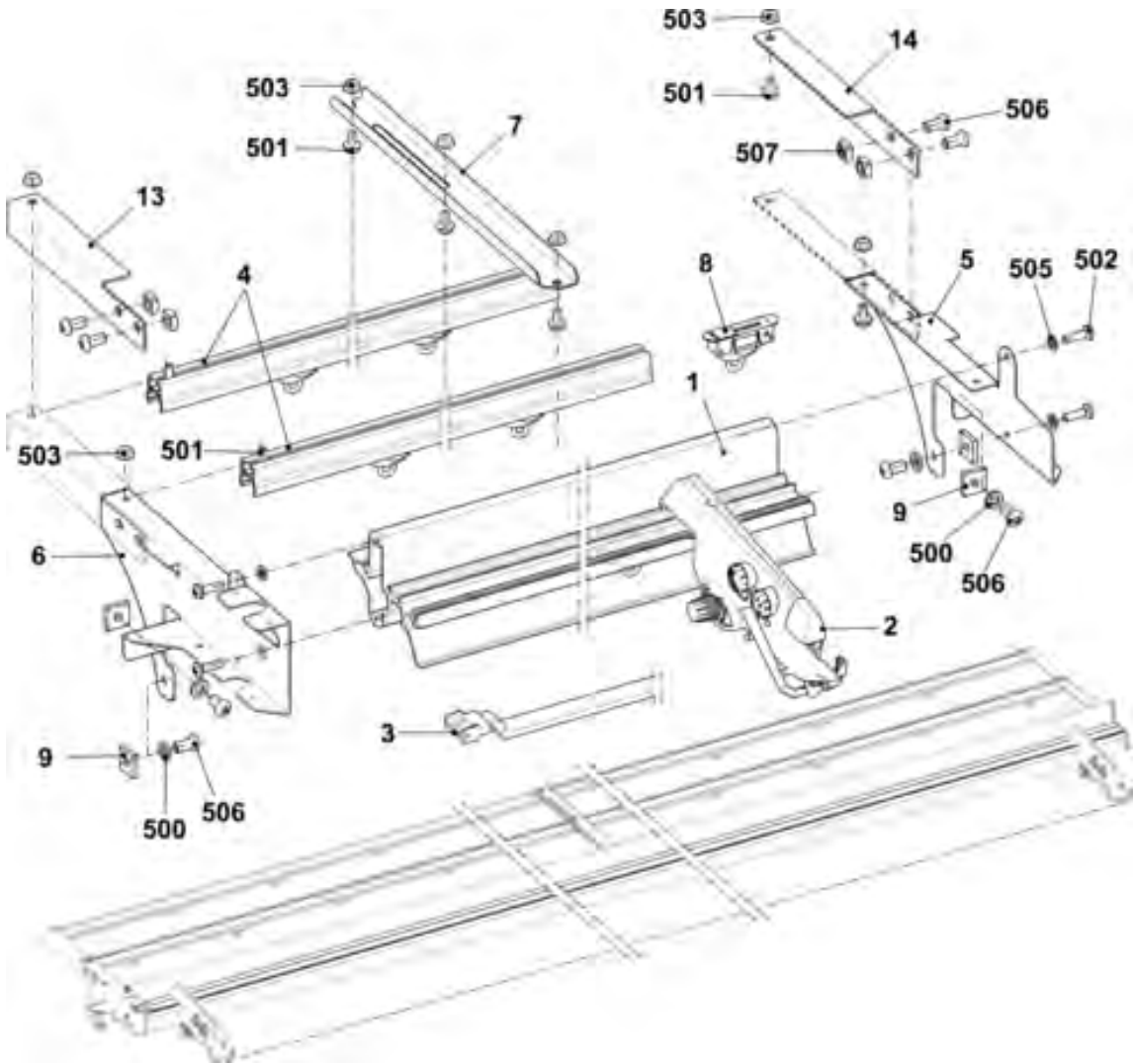
9.1 Yarn guide system with 26 FKE

| Pos | Designation                  | Id      |  | Pos | Designation                 | Id      |
|-----|------------------------------|---------|--|-----|-----------------------------|---------|
| Σ   | Yarn guide system 26 FKE 84" | 242 269 |  | 8   | Yarn guide bracket complete | 241 581 |
| 1   | Support 84"                  | 243 112 |  | 9   | Slot nut                    | 228 851 |
| 2   | Yarn control device(FKE)     | 237 124 |  | 500 | Serrated lock washer        | 023 388 |
| 3   | Connection cable FKE-3 84"   | 240 349 |  | 501 | Self-locking screw M6x12    | 023 415 |
| 4   | Yarn guide bar               | 236 932 |  | 502 | Screw M6x20                 | 023 721 |
| 5   | Support on the right         | 243 601 |  | 503 | Serrated nut M6-10          | 023 414 |
| 6   | Support on the left          | 243 600 |  | 505 | Washer6-200                 | 022 431 |
| 7   | Support                      | 243 792 |  | 506 | Pan-head screw M8x16        | 023 113 |



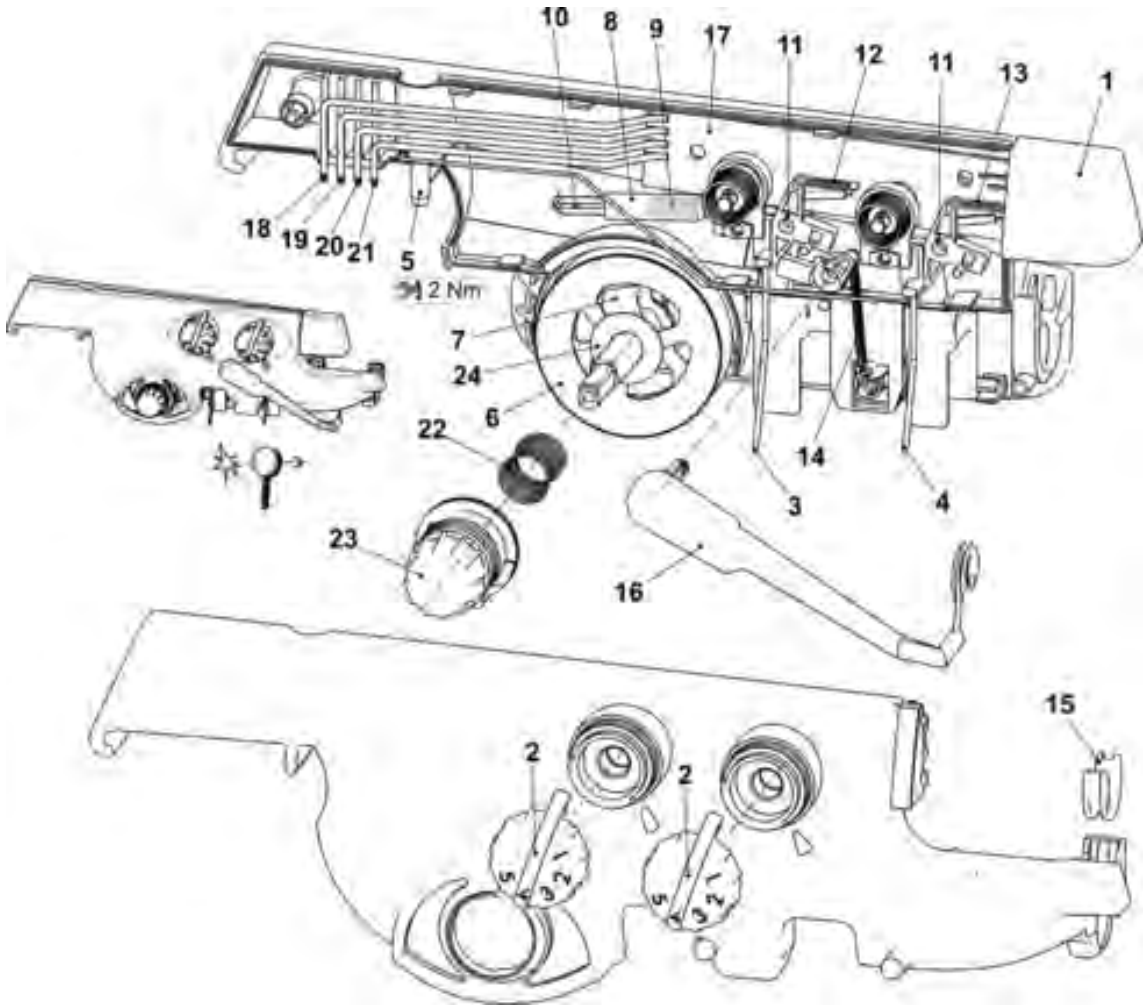
9.2 Yarn guide system with 32 FKE

| Pos | Designation                  | ID      |  | Pos | Designation              | ID      |
|-----|------------------------------|---------|--|-----|--------------------------|---------|
| Σ   | Yarn guide system 32 FKE 84" | 242 991 |  |     |                          |         |
| 1   | Support                      | 243 112 |  | 13  | Support on the left      | 243 602 |
| 2   | Yarn control device(FKE)     | 237 124 |  | 14  | Support on the right     | 243 603 |
| 3   | Connection cable FKE-3 84"   | 240 349 |  | 500 | Serrated lock washer     | 023 388 |
| 4   | Yarn guide bar               | 236 932 |  | 501 | Self-locking screw M6x12 | 023 415 |
| 5   | Support on the right         | 243 601 |  | 502 | Screw M6x20              | 023 721 |
| 6   | Support on the left          | 243 600 |  | 503 | Serrated nut M6-10       | 023 414 |
| 7   | Support                      | 239 295 |  | 505 | Washer6                  | 022 431 |
| 8   | Yarn guide bracket complete  | 241 581 |  | 506 | Pan-head screwM8x16      | 023 113 |
| 9   | Slot nut                     | 228 851 |  | 507 | Square nut M8            | 023 269 |



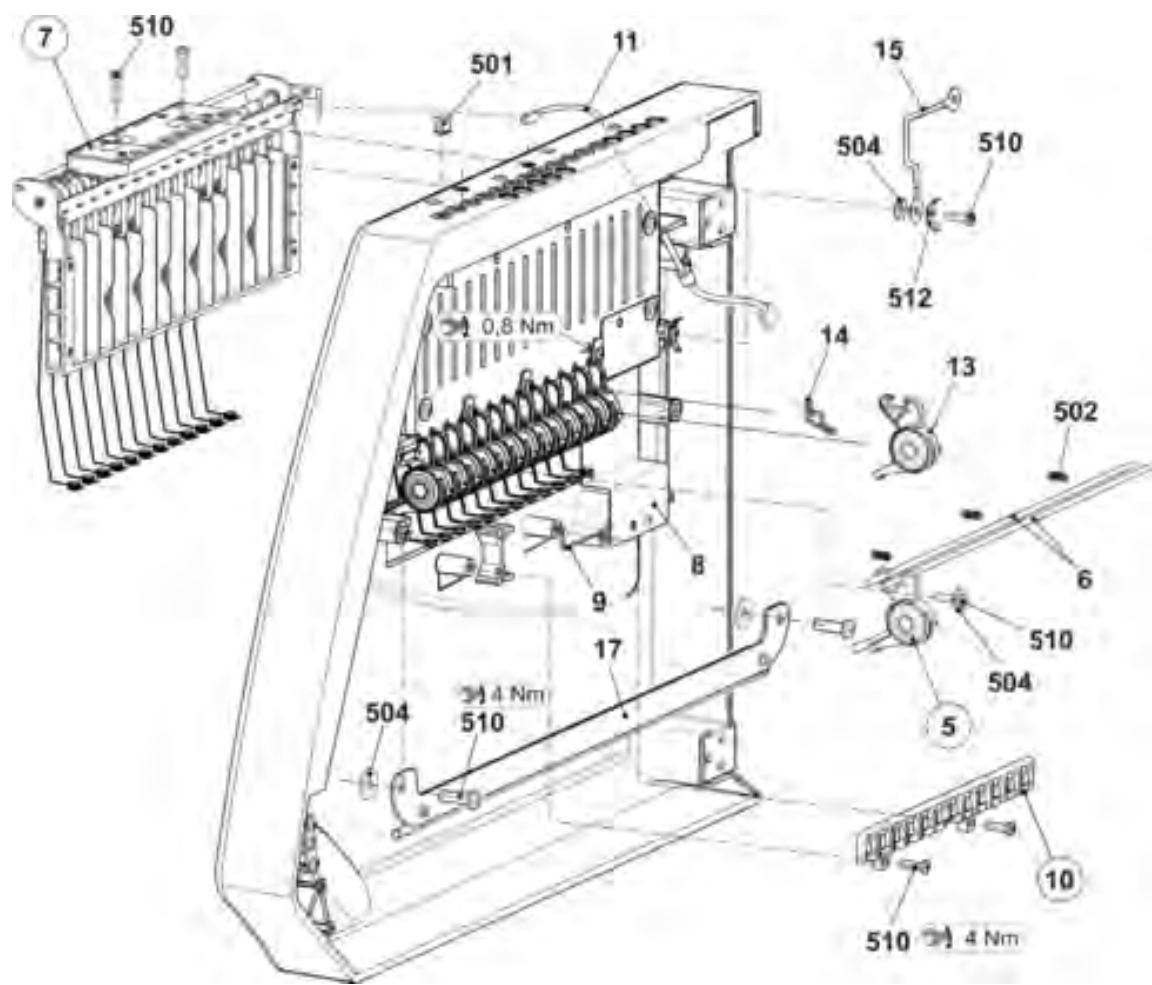
9.3 Yarn control device

| Pos | Designation                   | Id      |  | Pos | Designation         | Id      |
|-----|-------------------------------|---------|--|-----|---------------------|---------|
| Σ   | Yarn control device           | 237 124 |  |     |                     |         |
| 1   | Lamp cap                      | 251 166 |  | 13  | Tension spring      | 253 040 |
| 2   | Turning knob                  | 251 167 |  | 14  | Tension spring      | 253 041 |
| 3   | Knot detector for large knots | 251 168 |  | 15  | Ceramic eyelet open | 240 733 |
| 4   | Knot detector for mall knots  | 251 169 |  | 16  | Stop bow            | 253 043 |
| 5   | Screw                         | 251 170 |  | 17  | Jack                | 253 046 |
| 6   | Yarn brake disk               | 216 365 |  | 18  | Contact pin         | 253 047 |
| 7   | Yarn holder                   | 244 407 |  | 19  | Contact pin         | 253 048 |
| 8   | Sleeve                        | 253 034 |  | 20  | Contact pin         | 253 049 |
| 9   | Compression spring            | 253 035 |  | 21  | Contact pin         | 253 050 |
| 10  | Pencil                        | 253 036 |  | 22  | Compression spring  | 253 055 |
| 11  | Trip cam                      | 253 037 |  | 23  | Turning knob        | 253 056 |
| 12  | Tension spring                | 253 038 |  | 24  | Disk                | 216 372 |



9.4 Left yarn guide

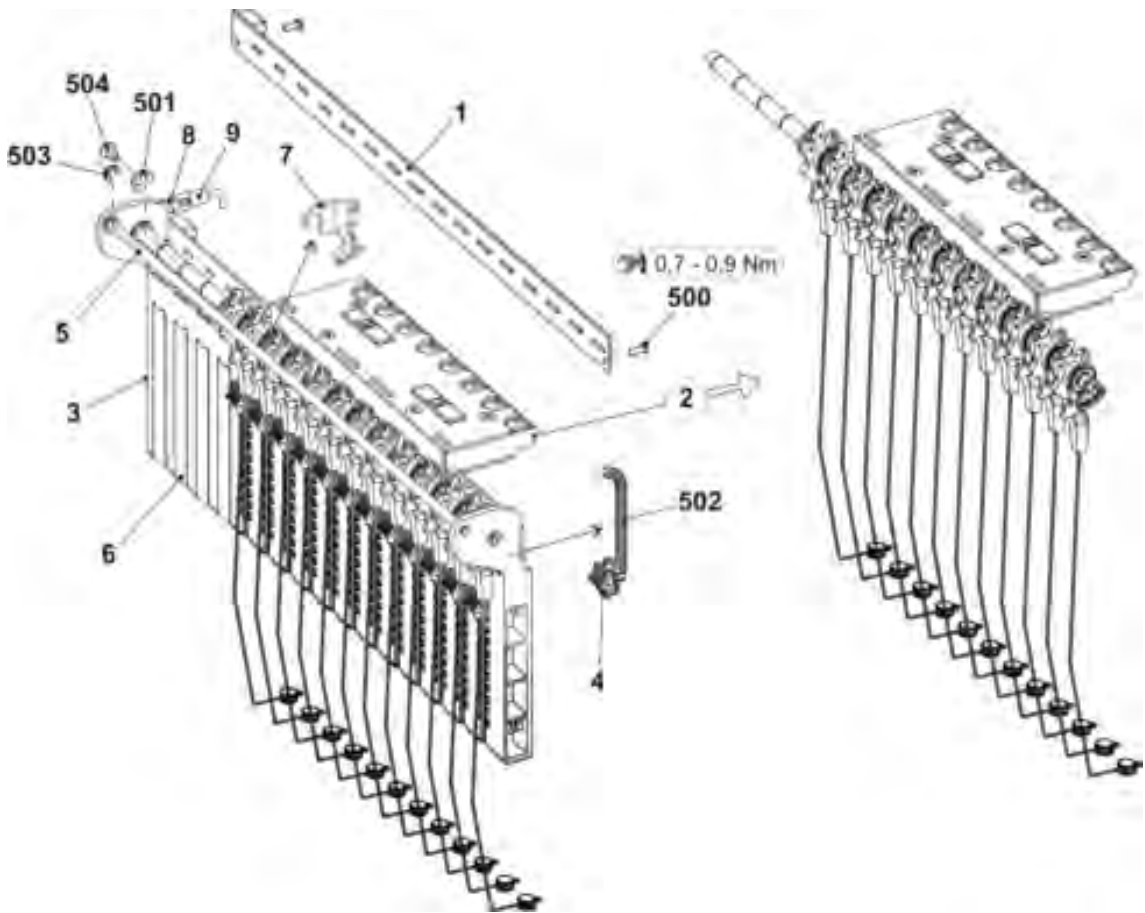
| Pos | Designation                                 | ID      | Pos | Designation                        | ID      |
|-----|---------------------------------------------|---------|-----|------------------------------------|---------|
| Σ   | Safety door on the left complete            |         |     |                                    |         |
|     | E5   E2,5.2   E3,5.2   E5.2   E5m.4   E7m.5 | 241 271 | 11  | Connection cable yarn tensionerokc | 240 808 |
|     | E7   E8   E7m.8   E8m.7                     | 241 272 | 13  | Yarn brake not adjustable          | 244 356 |
| 5   | Yarn brake complete                         | 244 347 | 14  | Clamping bow                       | 244 409 |
| 6   | Shaft                                       | 241 318 | 15  | Ground cable                       | 244 404 |
| 7   | Yarn tensioner on the left complete         |         | 17  | Stop bar on the left complete      | 258 454 |
|     | E5   E2,5.2   E3,5.2   E5.2   E5m.4   E7m.5 | 241 363 | 501 | Ceramic eyelet                     | 240 640 |
|     | E7   E8   E7m.8   E8m.7                     | 241 364 | 502 | Compression spring 0,90x5,40x13,60 | 241 360 |
| 8   | Cover                                       | 240 783 | 504 | Washer6                            | 022 537 |
| 9   | Wire bow on the left                        | 241 370 | 510 | Screw KB 60x20                     | 237 682 |
| 10  | Yarn deflector                              | 242 011 | 512 | Flat connector 2x45° M6            | 243 117 |



9.4 Left yarn guide

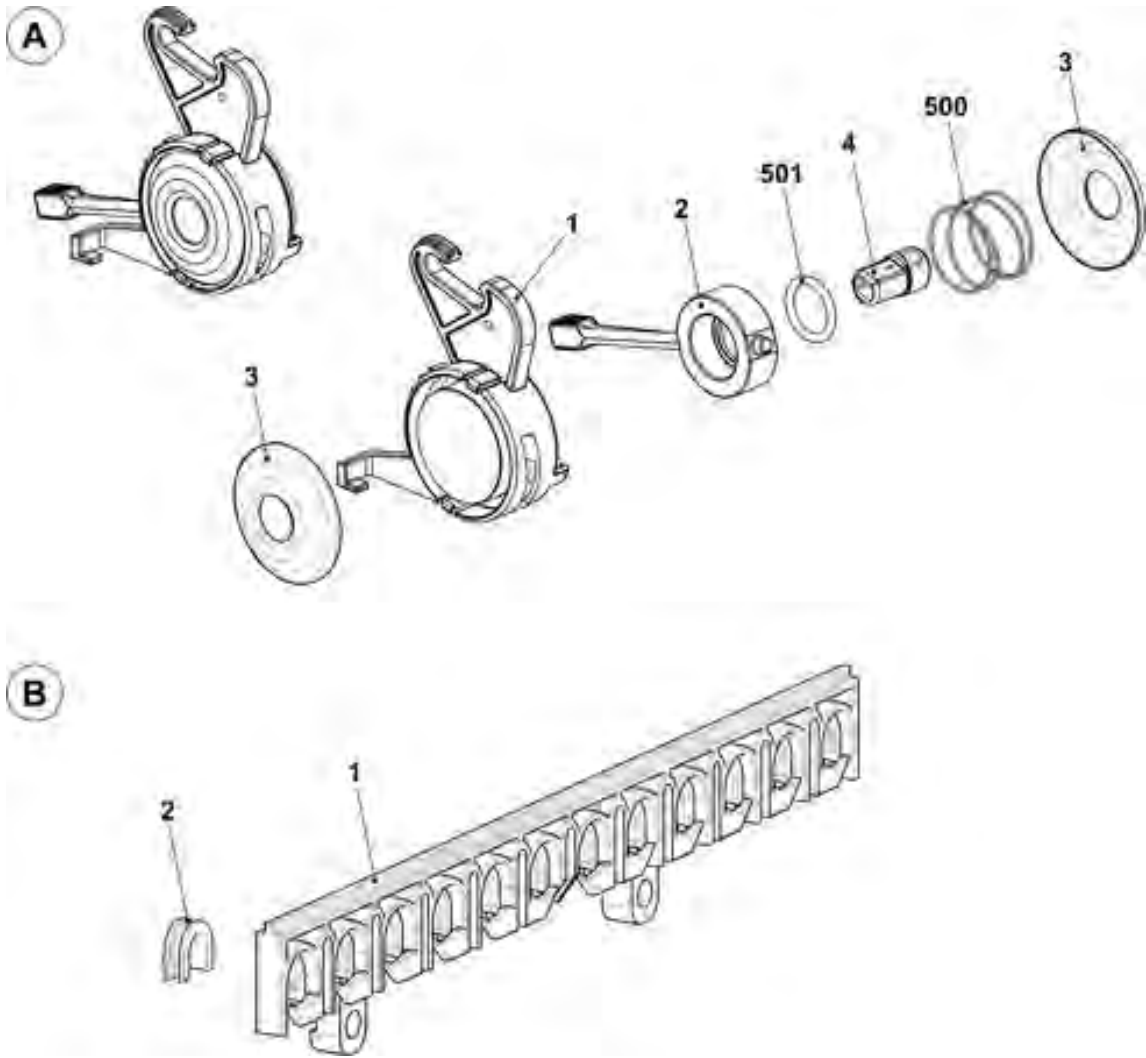
9.4.1 Left yarn tensioner

| Pos | Designation                                 | ID      |  | Pos | Designation                                                              | ID      |
|-----|---------------------------------------------|---------|--|-----|--------------------------------------------------------------------------|---------|
| Σ   | Yarn tensioner on the left complete         |         |  | 7   | Spacer                                                                   | 242 048 |
|     | E5   E2,5.2   E3,5.2   E5.2   E5m.4   E7m.5 | 241 363 |  | 8   | Grounding plate of tension axle                                          | 243 121 |
|     | E7   E8   E7m.8   E8m.7                     | 241 364 |  | 9   | Ground cable yarn tensioner okc                                          | 243 105 |
| 1   | Card yarn tensioner 16-fold on the left     | 241 345 |  | 500 | Screw KB 30x8                                                            | 236 228 |
| 2   | Tension axle on the left complete E3-8      | 241 366 |  | 501 | Circlip                                                                  | 021 022 |
| 3   | Housing                                     | 241 367 |  | 502 | Tension spring 5,05x0,55x53 E3-5 (E2,5.2   E3,5.2   E5.2   E5m.4   E7m.5 | 023 502 |
| 4   | Slider                                      | 241 694 |  |     | Tension spring 4,9x0,5x53 E7   E8   E7m.8   E 8m.7                       | 023 503 |
| 5   | Stop point                                  | 241 368 |  | 503 | Circlip                                                                  | 021 020 |
| 6   | Border                                      | 242 268 |  | 504 | Countersunk screw M4x10                                                  | 241 914 |



9.4.2 Yarn brake and yarn deflector

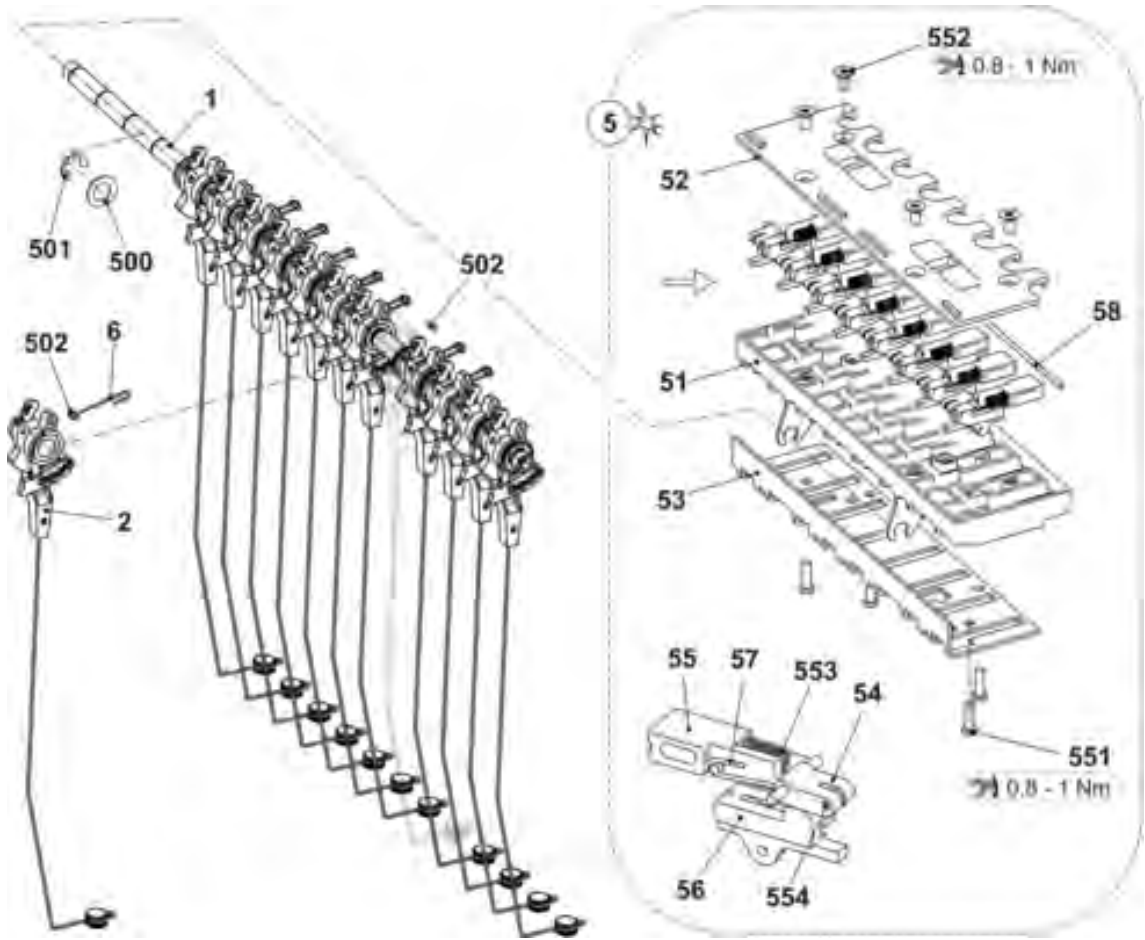
| Pos | Designation                         | ID      |  | Pos | Designation               | ID      |
|-----|-------------------------------------|---------|--|-----|---------------------------|---------|
| A   | Yarn brake complete                 | 244 347 |  | B   | Yarn deflector            | 242 011 |
| 1   | Support                             | 240 607 |  | 1   | Support of yarn deflector | 242 009 |
| 2   | Slider                              | 240 606 |  | 2   | Ceramic eyelet open       | 240 733 |
| 3   | Brake disk                          | 244 355 |  |     |                           |         |
| 4   | Ceramic eyelet open                 | 243 778 |  |     |                           |         |
| 500 | Compression spring 0,65x20,15x14,80 | 241 361 |  |     |                           |         |
| 501 | O-ring 11x2                         | 241 434 |  |     |                           |         |



9.4 Left yarn guide

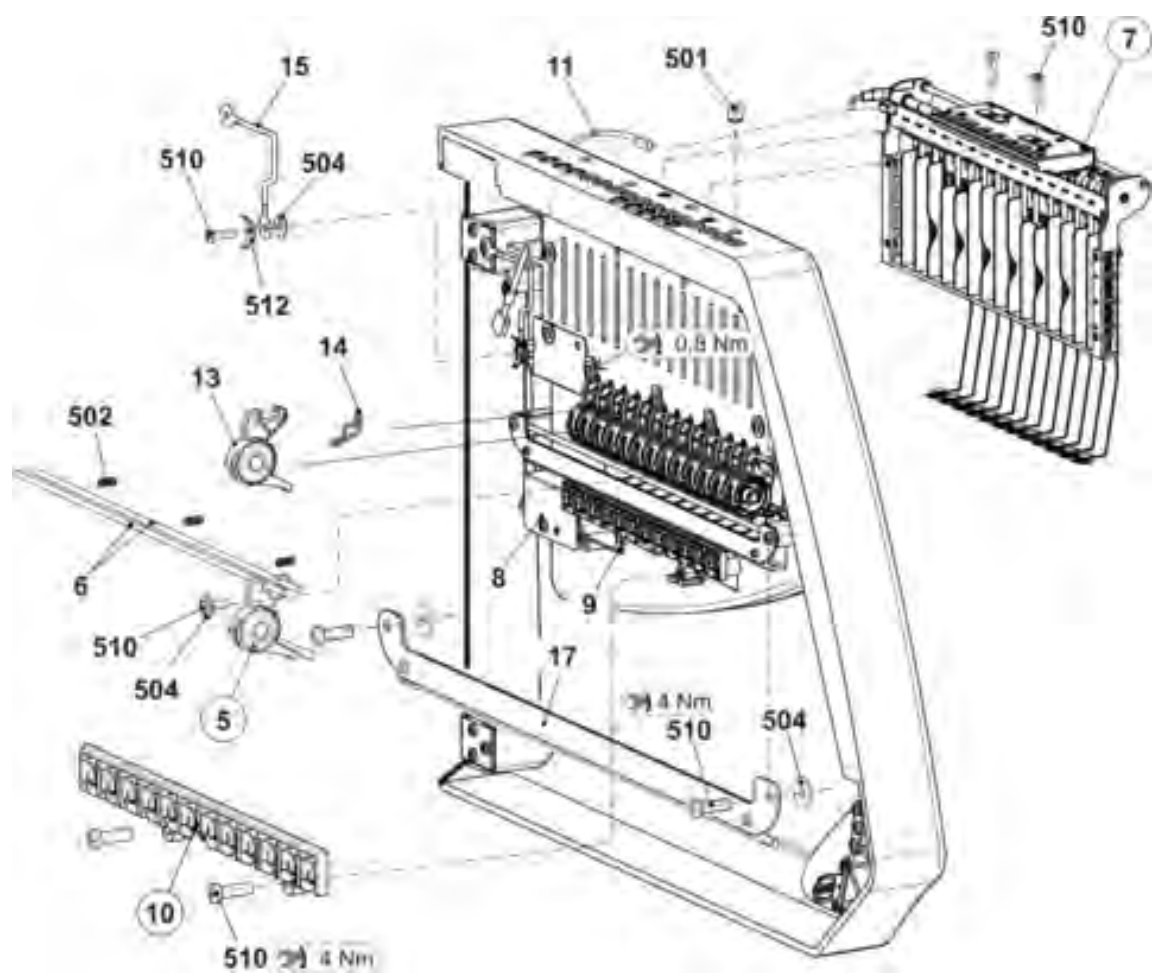
9.4.3 Left tension axle

| Pos | Designation                            | ID      |  | Pos | Designation                             | ID      |
|-----|----------------------------------------|---------|--|-----|-----------------------------------------|---------|
| Σ   | Tension axle on the left complete E3-8 | 241 366 |  | 53  | Sheet metal at the bottom (housing AKF) | 240 719 |
| 1   | Axle                                   | 243 107 |  | 54  | Lever AKF                               | 238 692 |
| 2   | Tension arm pre-assembledE3-8          | 259 448 |  | 55  | Pressure piece AKF                      | 238 690 |
| 6   | Wire bow                               | 238 694 |  | 56  | SliderAKF                               | 238 691 |
| 500 | Shim ring 8x14x0,5                     | 023 501 |  | 57  | Wire bow                                | 238 694 |
| 501 | Circlip                                | 021 022 |  | 58  | Wire                                    | 237 940 |
| 502 | Grooved pin 2x6                        | 243 172 |  | 551 | Screw KB 35x12                          | 237 681 |
| 5   | Thread clamp AKF                       | 238 695 |  | 552 | Screw KB 40x8                           | 236 227 |
| 51  | HousingAKF                             | 238 689 |  | 553 | Compression spring 0,30x4,50x18,50      | 241 437 |
| 52  | Cover AKF                              | 237 926 |  | 554 | Grooved pin 2x6                         | 243 172 |



9.5 Right yarn guide

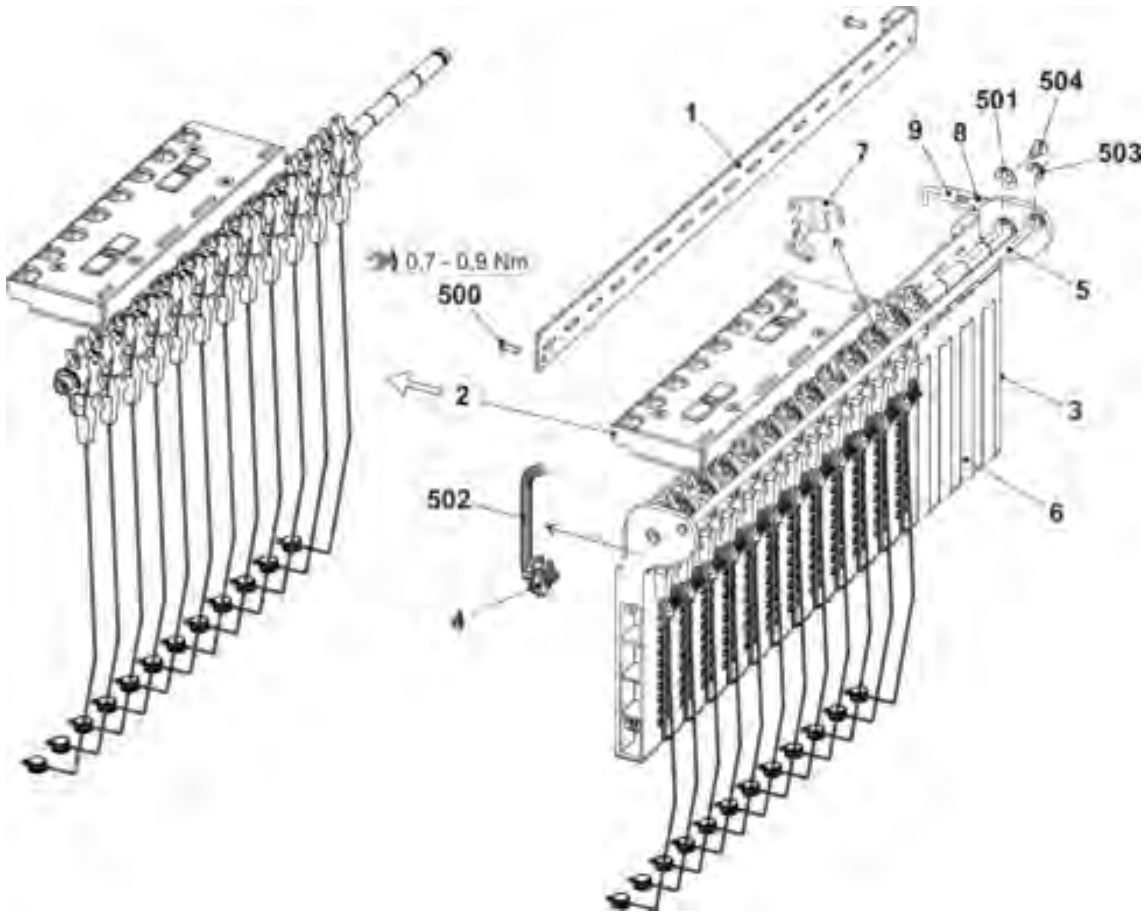
| Pos | Designation                                 | ID      | Pos | Designation                        | ID      |
|-----|---------------------------------------------|---------|-----|------------------------------------|---------|
| Σ   | Safety door on the right complete           |         |     |                                    |         |
|     | E5   E2,5.2   E3,5.2   E5.2   E5m.4   E7m.5 | 241 274 | 11  | Connection cable yarn tensionerokc | 240 808 |
|     | E7   E8   E7m.8   E8m.7                     | 241 275 | 13  | Yarn brake not adjustable          | 244 356 |
| 5   | Yarn brake complete                         | 244 347 | 14  | Clamping bow                       | 244 409 |
| 6   | Shaft                                       | 241 318 | 15  | Ground cable                       | 244 404 |
| 7   | Yarn tensioner on the right complete        |         | 17  | Stop bar on the right complete     | 258 562 |
|     | E5   E2,5.2   E3,5.2   E5.2   E5m.4   E7m.5 | 241 382 | 501 | Ceramic eyelet                     | 240 640 |
|     | E7   E8   E7m.8   E8m.7                     | 241 383 | 502 | Compression spring 0,90x5,40x13,60 | 241 360 |
| 8   | Cover                                       | 240 783 | 504 | Washer6                            | 022 537 |
| 9   | Wire bow on the left                        | 241 370 | 510 | Screw KB 60x20                     | 237 682 |
| 10  | Yarn deflector                              | 242 011 | 512 | Flat connector 2x45° M6            | 243 117 |



9.5 Right yarn guide

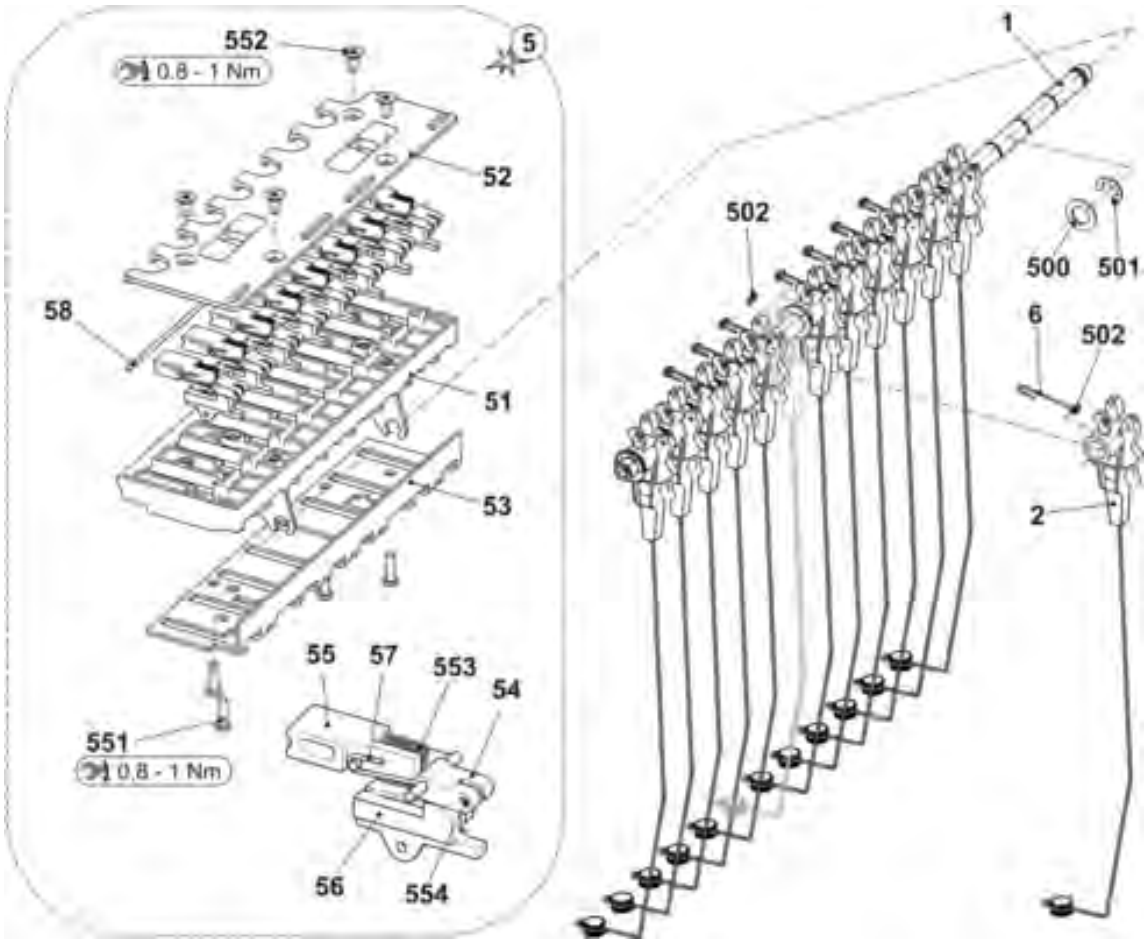
9.5.1 Right yarn tensioner

| Pos | Designation                                 | ID      |  | Pos | Designation                                                              | ID      |
|-----|---------------------------------------------|---------|--|-----|--------------------------------------------------------------------------|---------|
| Σ   | Yarn tensioner on the right complete        |         |  | 7   | Spacer                                                                   | 242 048 |
|     | E5   E2,5.2   E3,5.2   E5.2   E5m.4   E7m.5 | 241 382 |  | 8   | Grounding plate of tension axle                                          | 243 121 |
|     | E7   E8   E7m.8   E8m.7                     | 241 383 |  | 9   | Ground cable yarn tensioner okc                                          | 243 105 |
| 1   | Card yarn tensioner 16-fold on the right    | 241 346 |  | 500 | Screw KB 30x8                                                            | 236 228 |
| 2   | Tension axle on the right completeE3-8      | 241 379 |  | 501 | Circlip                                                                  | 021 022 |
| 3   | Housing                                     | 241 367 |  | 502 | Tension spring 5,05x0,55x53 E3-5 (E2,5.2   E3,5.2   E5.2   E5m.4   E7m.5 | 023 502 |
| 4   | Slider                                      | 241 694 |  |     | Tension spring 4,9x0,5x53 E7   E8   E7m.8   E 8m.7                       | 023 503 |
| 5   | Stop point                                  | 241 368 |  | 503 | Circlip                                                                  | 021 020 |
| 6   | Border                                      | 242 268 |  | 504 | Countersunk screw M4x10                                                  | 241 914 |



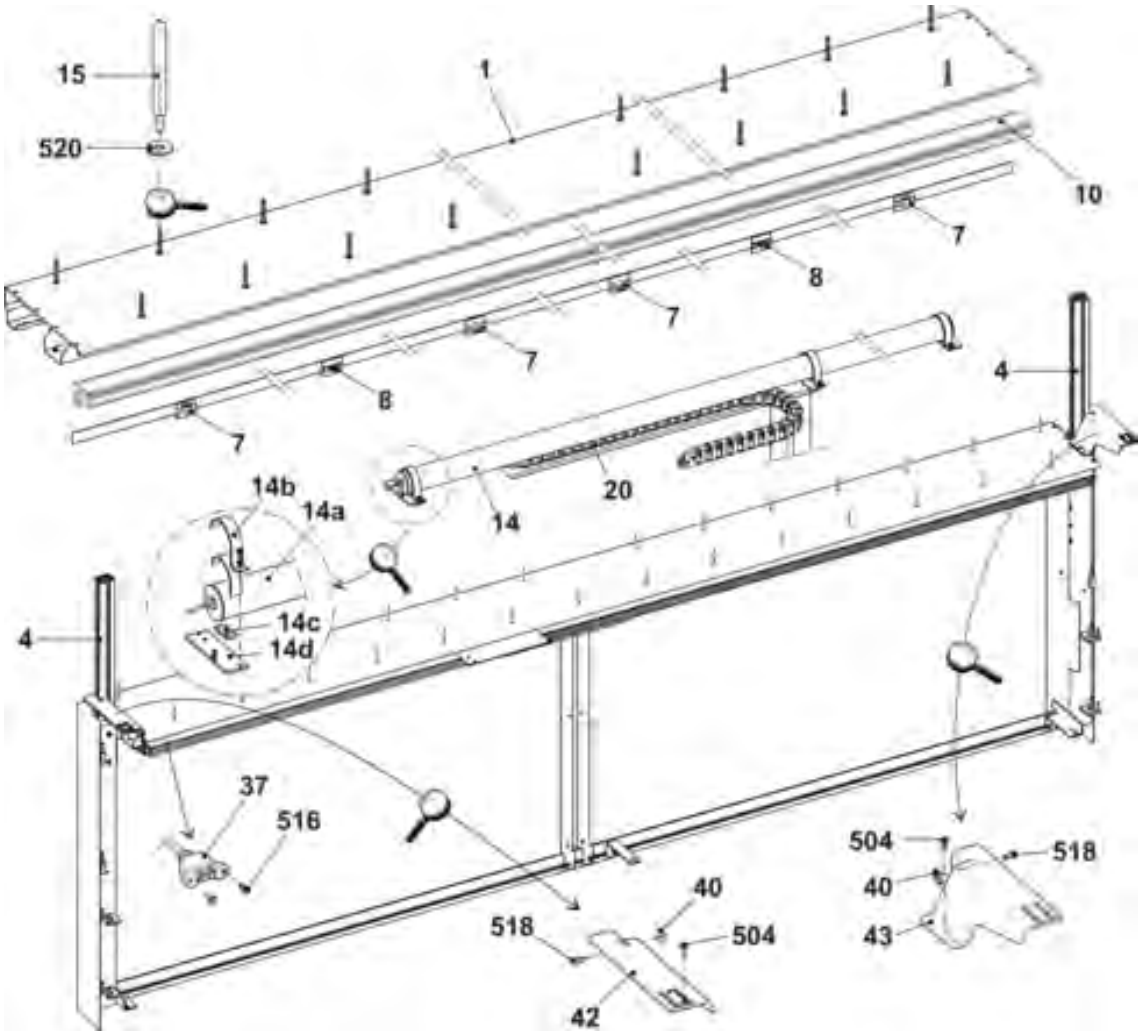
9.5.2 Right tension axle

| Pos | Designation                            | ID      |  | Pos | Designation                             | ID      |
|-----|----------------------------------------|---------|--|-----|-----------------------------------------|---------|
| Σ   | Tension axle on the right completeE3-8 | 241 379 |  | 53  | Sheet metal at the bottom (housing AKF) | 240 719 |
| 1   | Axle                                   | 243 107 |  | 54  | Lever AKF                               | 238 692 |
| 2   | Tension arm pre-assembledE3-8          | 259 448 |  | 55  | Pressure piece AKF                      | 238 690 |
| 6   | Wire bow                               | 238 694 |  | 56  | SliderAKF                               | 238 691 |
| 500 | Shim ring 8x14x0,5                     | 023 501 |  | 57  | Wire bow                                | 238 694 |
| 501 | Circlip                                | 021 022 |  | 58  | Wire                                    | 237 940 |
| 502 | Grooved pin 2x6                        | 243 172 |  | 551 | Screw KB 35x12                          | 237 681 |
| 5   | Thread clamp AKF                       | 238 695 |  | 552 | Screw KB 40x8                           | 236 227 |
| 51  | HousingAKF                             | 238 689 |  | 553 | Compression spring 0,30x4,50x18,50      | 241 437 |
| 52  | Cover AKF                              | 237 926 |  | 554 | Grooved pin 2x6                         | 243 172 |



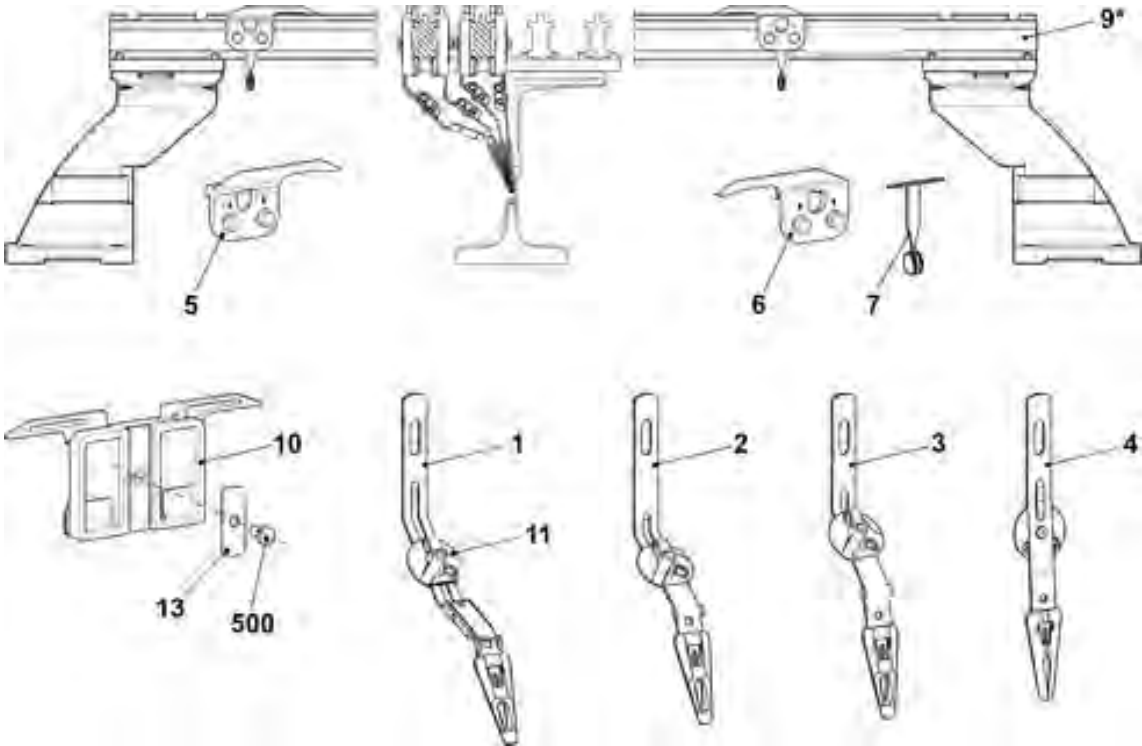
9.6 Bobbin board

| Pos | Designation                    |                           | Id      |  | Pos | Designation                   |  | Id      |
|-----|--------------------------------|---------------------------|---------|--|-----|-------------------------------|--|---------|
| Σ   | Table complete 84"             |                           | 240 681 |  |     |                               |  |         |
| 1   | Table                          |                           | 251 246 |  | 15  | Positioning pin               |  | 204 819 |
| 4   | Support element                |                           | 228 594 |  | 20  | Energy chain display 38 links |  | 253 888 |
| 7   | Magnet switch safety door      |                           | 219 983 |  | 37  | Cable USB extension 84 okc    |  | 243 070 |
| 8   | Magnet switch safety door      |                           | 220 159 |  | 40  | Slot nut                      |  | 228 851 |
| 10  | Guide rail at the top complete |                           | 240 684 |  | 42  | Support of left feed wheel    |  | 250 966 |
| 14  | Lamp at the top complete       |                           | 236 693 |  | 43  | Support of right feed wheel   |  | 250 967 |
|     | 14a                            | Long light RL60V - 230 V  | 212 580 |  | 504 | Pan-head screwM8x16           |  | 023 113 |
|     | 14b                            | Clamping bow              | 209 504 |  | 516 | Pan-head screwM3x8            |  | 023 251 |
|     | 14c                            | Cellular caoutchouc 40x20 | 208 018 |  | 518 | Pan-head screwM8x18           |  | 251 331 |
|     | 14d                            | Lamp support              | 221 951 |  | 520 | Washer                        |  | 020 901 |



9.7 Yarn carrier and guide rails

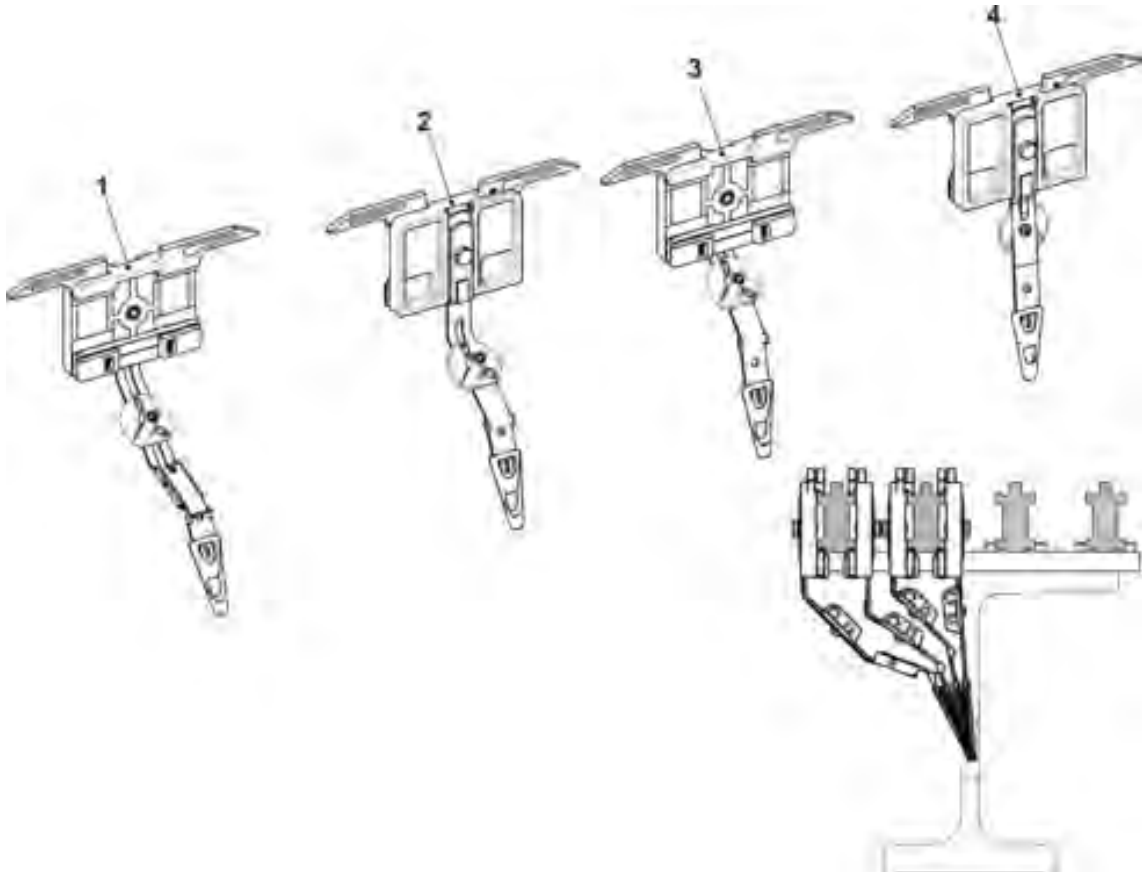
| Pos | Designation                   | ID      |  | Pos                                        | Designation              | ID      |
|-----|-------------------------------|---------|--|--------------------------------------------|--------------------------|---------|
| Σ   | Yarn guide complete E5        | 244 003 |  | E5   E5m.4   E7m.5  E2,5.2   E3,5.2   E5.2 |                          |         |
|     | Yarn guide complete E7 – E8   | 244 004 |  | 1                                          | FF bow 1+8 complete E5   | 212 990 |
| 5   | Limiter on the left complete  | 244 099 |  | 2                                          | FF bow 2+7 complete E5   | 212 992 |
| 6   | Limiter on the right complete | 244 098 |  | 3                                          | FF bow 3+6 complete E5   | 212 991 |
| 7   | Slider with eyelet            | 230 709 |  | 4                                          | FF bow 4+5 complete E5   | 212 993 |
| 9   | Yarn carrier rail             | 255 467 |  | E7   E8   E7m.8   E8m.7                    |                          |         |
| 10  | FF carriage complete          | 243 062 |  | 1                                          | FF bow 1+8 complete E7-8 | 212 892 |
| 11  | Yarn guide star complete      | 209 257 |  | 2                                          | FF bow 2+7 complete E7-8 | 212 914 |
| 13  | Shim                          | 213 035 |  | 3                                          | FF bow 3+6 complete E7-8 | 212 925 |
| 500 | Hexagon screw M5x10           | 020 351 |  | 4                                          | FF bow 4+5 complete E7-8 | 212 910 |



9.8 Complete yarn carriers

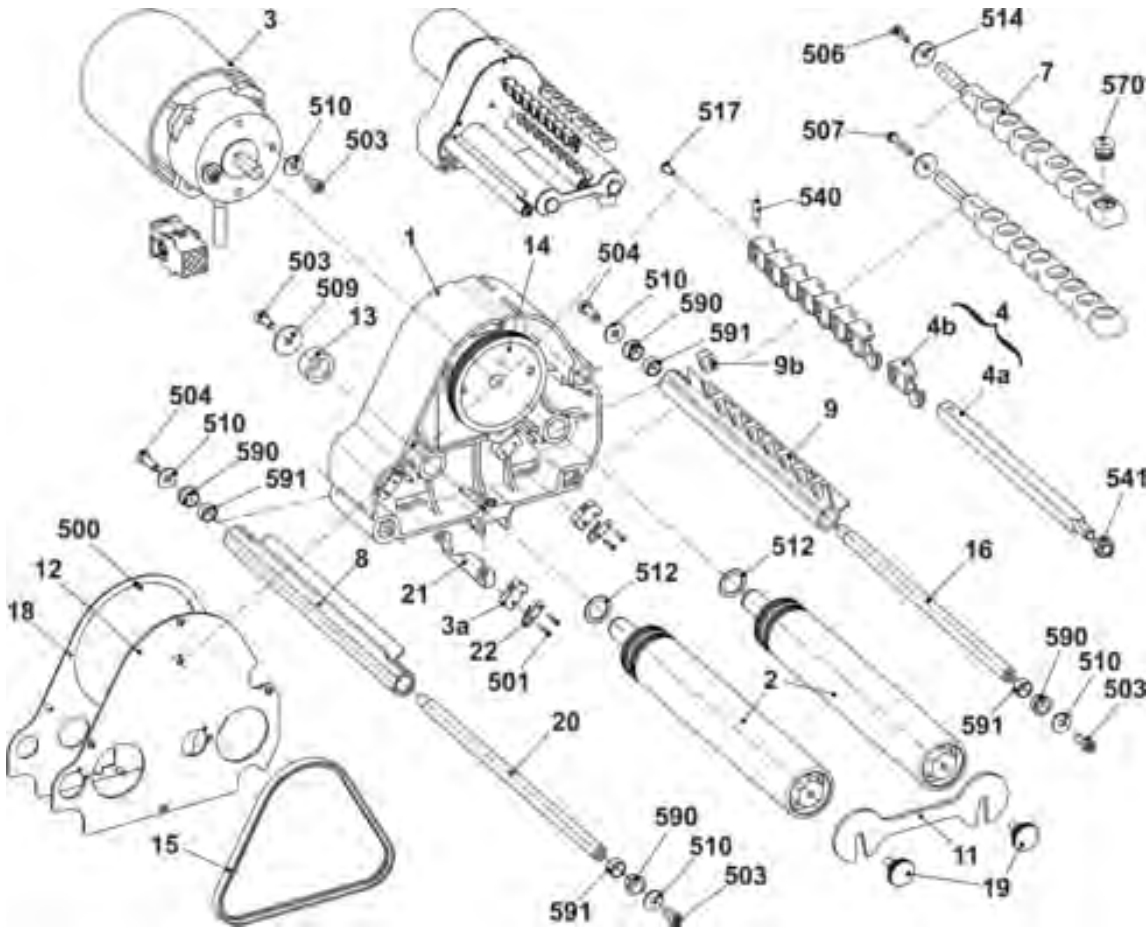
9.8 Complete yarn carriers

| Pos                                         | Designation             | Track | ID      |  | Pos                     | Designation               | Track | ID      |
|---------------------------------------------|-------------------------|-------|---------|--|-------------------------|---------------------------|-------|---------|
| E5   E5m.4   E7m.5   E2,5.2   E3,5.2   E5.2 |                         |       |         |  | E7   E8   E7m.8   E8m.7 |                           |       |         |
| 1                                           | FF carriage complete E5 | 1+8   | 243 935 |  | 1                       | FF carriage complete E7-8 | 1+8   | 243 939 |
| 2                                           | FF carriage complete E5 | 2+7   | 243 934 |  | 2                       | FF carriage complete E7-8 | 2+7   | 243 938 |
| 3                                           | FF carriage complete E5 | 3+6   | 243 933 |  | 3                       | FF carriage complete E7-8 | 3+6   | 243 937 |
| 4                                           | FF carriage complete E5 | 4+5   | 243 932 |  | 4                       | FF carriage complete E7-8 | 4+5   | 243 936 |



9.9 Left friction feed wheel

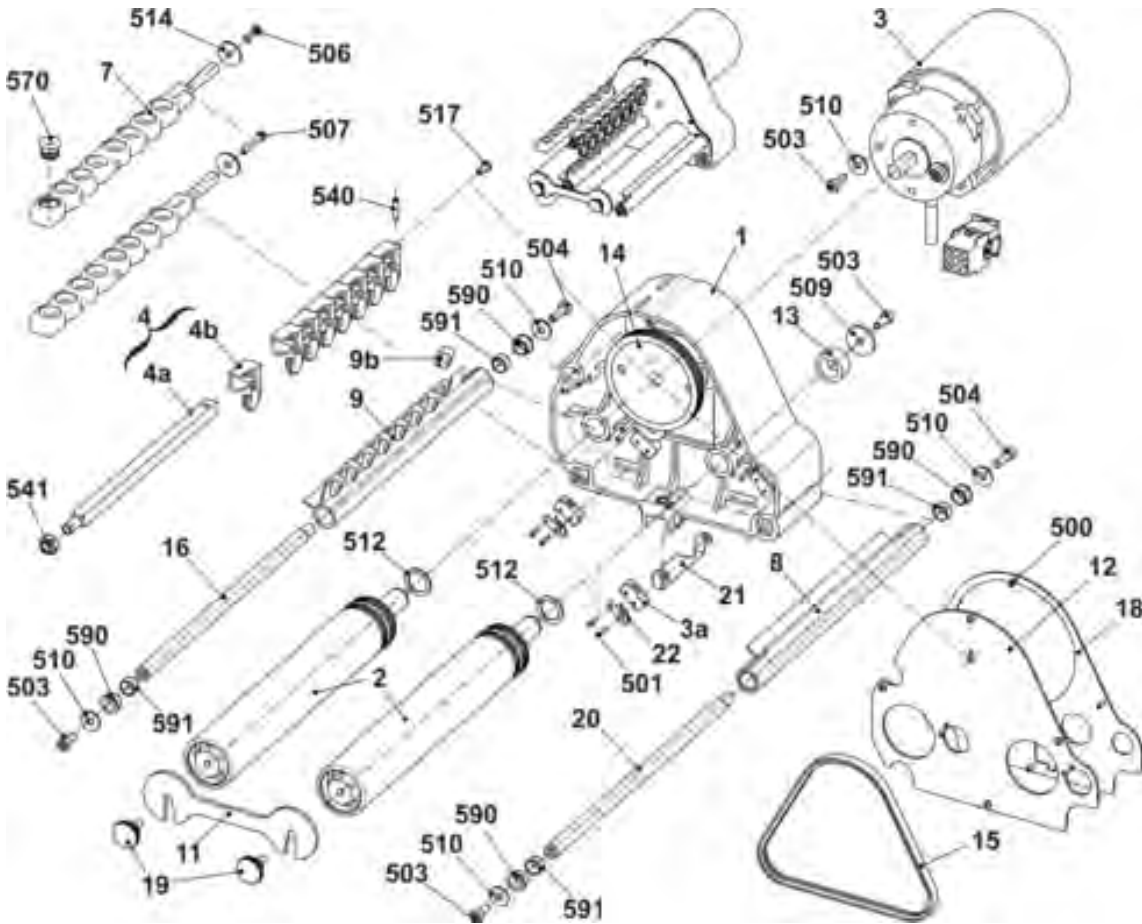
| Pos | Designation                                        |                          | Id       | Pos | Designation           |  | Id      |
|-----|----------------------------------------------------|--------------------------|----------|-----|-----------------------|--|---------|
| Σ   | Friction feed wheel on the left complete           |                          | 243 571  | 14  | V-ribbed belt pulley  |  | 221 268 |
| 1   | Housing                                            |                          | 240 368  | 15  | Ribbed V-belt V3J 406 |  | 206 927 |
| 2   | Friction roller complete                           |                          | 231 704  | 16  | Rod                   |  | 221 319 |
| 3   | Three-phase AC motor complete                      |                          | 219 800  | 18  | Cover                 |  | 230 758 |
|     | 3a                                                 | Microswitch              | 008 664  | 19  | Knurled screw         |  | 223 361 |
| 4   | Deflector complete 8-fold                          |                          | 250 089  | 20  | Rod                   |  | 230 658 |
|     | 4a                                                 | Support rail             | 250 055  | 21  | Grounding plate       |  | 256 622 |
|     | 4b                                                 | Eyelet holder complete   | 250 077  | 22  | Spring plate          |  | 256 702 |
|     | 540                                                | Spring dowel sleeve 4x15 | 020 783  | 500 | Screw KB30x8          |  | 236 228 |
|     | 541                                                | Hexagon nut M8-8         | 022 843  | 501 | Screw 20x10           |  | 244 736 |
| 7   | Yarn guide rod complete                            |                          | 239 431  | 503 | Cap screwM5x12        |  | 020 132 |
|     | 570                                                | Eyelet 8                 | 021 504  | 504 | Cap screwM5x16        |  | 022 726 |
| 8   | Stop motion rail on the right complete             |                          | 230 690  | 506 | Screw KB 40x14        |  | 241 358 |
| 9   | Stop motion rail on the left complete with eyelets |                          | 230 683  | 507 | Screw KB 40x25        |  | 241 595 |
|     | 9b                                                 | Eyelet                   | 230 662  | 509 | Washer5,3x22x2,5      |  | 023 219 |
|     | 590                                                | Slide bearing            | 023 627  | 510 | Washer5               |  | 020 901 |
|     | 591                                                | Guide piece              | ^259 453 | 512 | Shim ring 15x21x1     |  | 023 216 |
| 11  | Bracket                                            |                          | 221 316  | 514 | Washer4,3             |  | 020 908 |
| 12  | Cover                                              |                          | 251 098  | 517 | Pan-head screwM4x8    |  | 023 579 |
| 13  | Bush                                               |                          | 221 391  |     |                       |  |         |



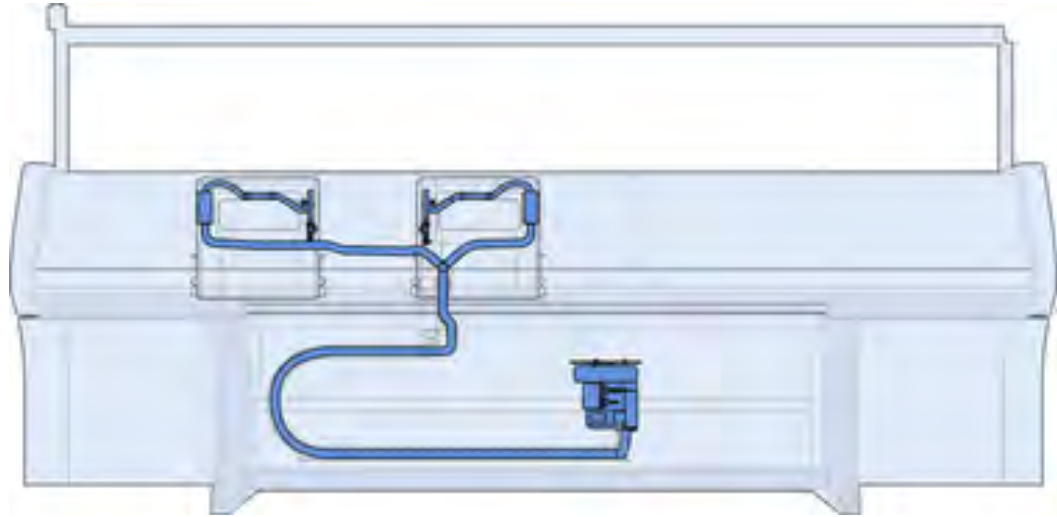
9.10 Right friction feed wheel

9.10 Right friction feed wheel

| Pos | Designation                                         |                          | Id      | Pos | Designation           |  | Id      |
|-----|-----------------------------------------------------|--------------------------|---------|-----|-----------------------|--|---------|
| Σ   | Friction feed wheel on the right complete           |                          | 243 572 | 14  | V-ribbed belt pulley  |  | 221 268 |
| 1   | Housing                                             |                          | 240 368 | 15  | Ribbed V-belt V3J 406 |  | 206 927 |
| 2   | Friction roller complete                            |                          | 231 704 | 16  | Rod                   |  | 221 319 |
| 3   | Three-phase AC motor complete                       |                          | 219 800 | 18  | Cover                 |  | 230 758 |
|     | 3a                                                  | Microswitch              | 008 664 | 19  | Knurled screw         |  | 223 361 |
| 4   | Deflector complete 8-fold                           |                          | 250 089 | 20  | Rod                   |  | 230 658 |
|     | 4a                                                  | Support rail             | 250 055 | 21  | Grounding plate       |  | 256 622 |
|     | 4b                                                  | Eyelet holder complete   | 250 077 | 22  | Spring plate          |  | 256 702 |
|     | 540                                                 | Spring dowel sleeve 4x15 | 020 783 | 500 | Screw KB30x8          |  | 236 228 |
|     | 541                                                 | Hexagon nut M8-8         | 022 843 | 501 | Screw 20x10           |  | 244 736 |
| 7   | Yarn guide rod complete                             |                          | 239 431 | 503 | Cap screw M5x12       |  | 020 132 |
|     | 570                                                 | Eyelet 8                 | 021 504 | 504 | Cap screw M5x16       |  | 022 726 |
| 8   | Stop motion rail on the right complete              |                          | 230 690 | 506 | Screw KB 40x14        |  | 241 358 |
| 9   | Stop motion rail on the right complete with eyelets |                          | 230 682 | 507 | Screw KB 40x25        |  | 241 595 |
|     | 9b                                                  | Eyelet                   | 230 662 | 509 | Washer5,3x22x2,5      |  | 023 219 |
|     | 590                                                 | Slide bearing            | 023 627 | 510 | Washer5               |  | 020 901 |
|     | 591                                                 | Guide piece              | 259 453 | 512 | Shim ring 15x21x1     |  | 023 216 |
| 11  | Bracket                                             |                          | 221 316 | 514 | Washer4,3             |  | 020 908 |
| 12  | Cover                                               |                          | 251 098 | 517 | Pan-head screw M4x8   |  | 023 579 |
| 13  | Bush                                                |                          | 221 391 |     |                       |  |         |

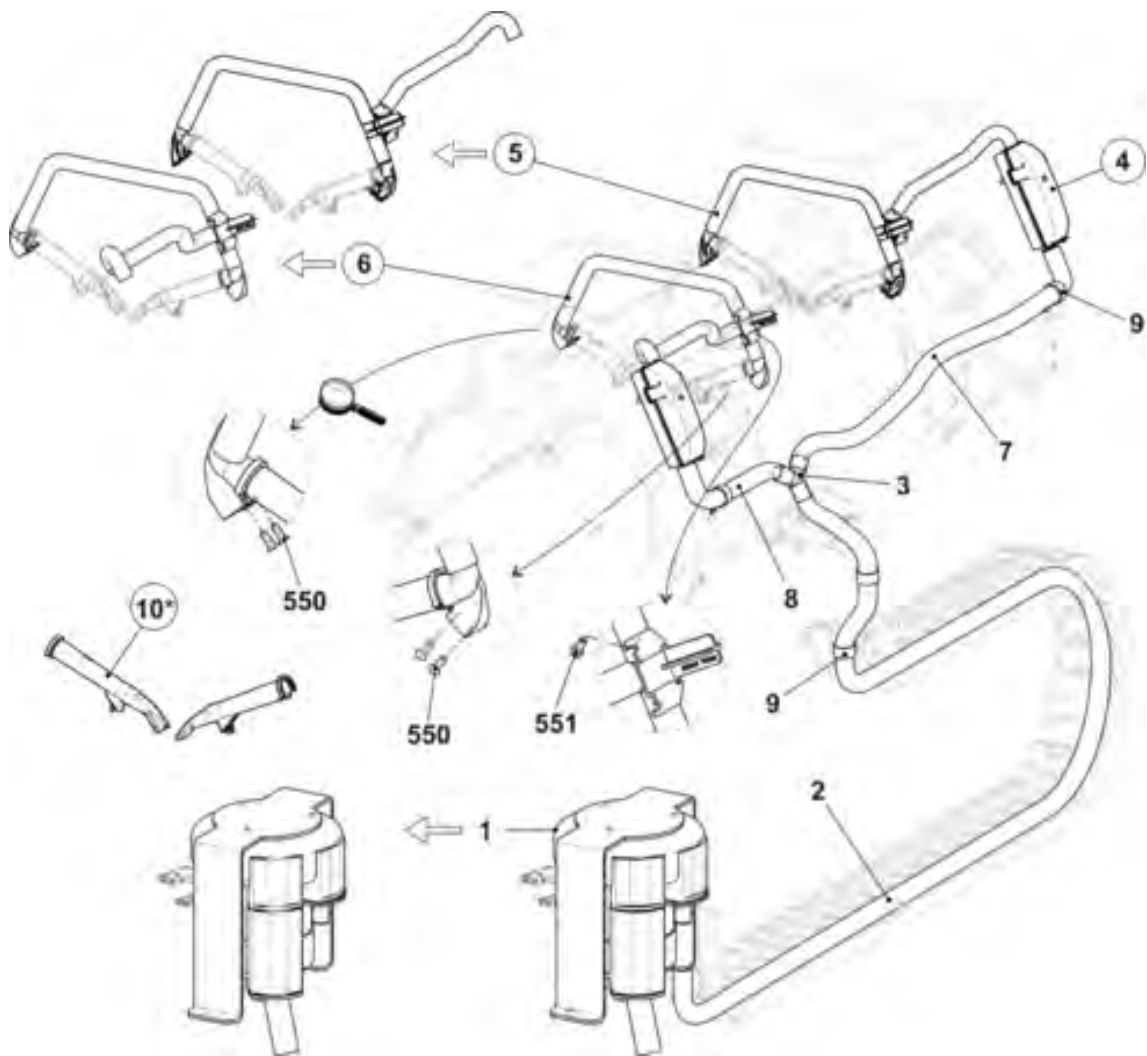


## 10 Fluff absorption



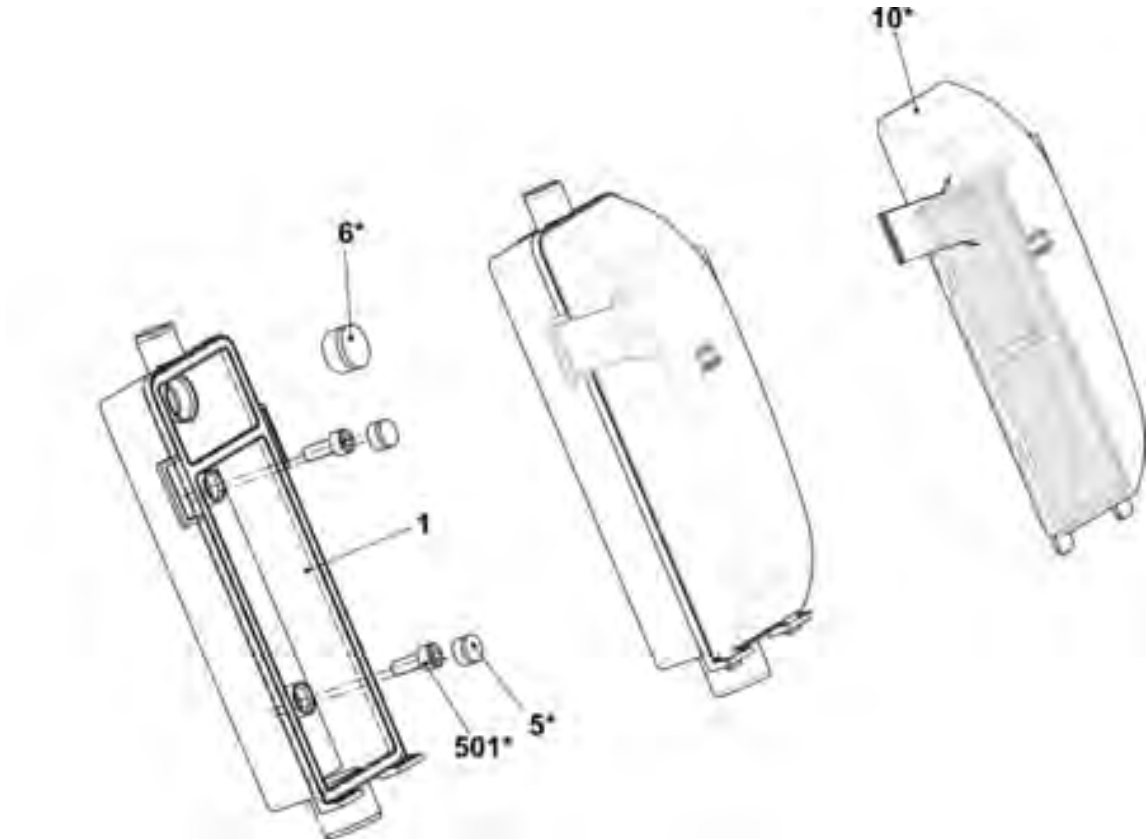
10.1 Fluff absorption

| Pos | Designation                           | Id      | Pos | Designation                     | Id      |
|-----|---------------------------------------|---------|-----|---------------------------------|---------|
| Σ   | Fluff absorption                      |         |     |                                 |         |
| 1   | Suction fan complete                  | 251 332 | 7   | Suction hose 29x25x1300         | 251 347 |
| 2   | Suction hose 29x25x2850               | 252 747 | 8   | Suction hose 29x25x350          | 252 746 |
| 3   | Hose connector 25 mm                  | 245 011 | 9   | Hose clip                       | 214 653 |
| 4   | Lint container                        | 245 024 | 10* | Suction tube complete 822 E5-14 | 251 312 |
| 5   | Set of hose on the left complete 822  | 251 343 | 550 | Countersunk head screw M4x8     | 251 011 |
| 6   | Set of hose on the right complete 822 | 251 344 | 551 | Cap screw M4x8                  | 022 501 |



10.1.1 Lint container

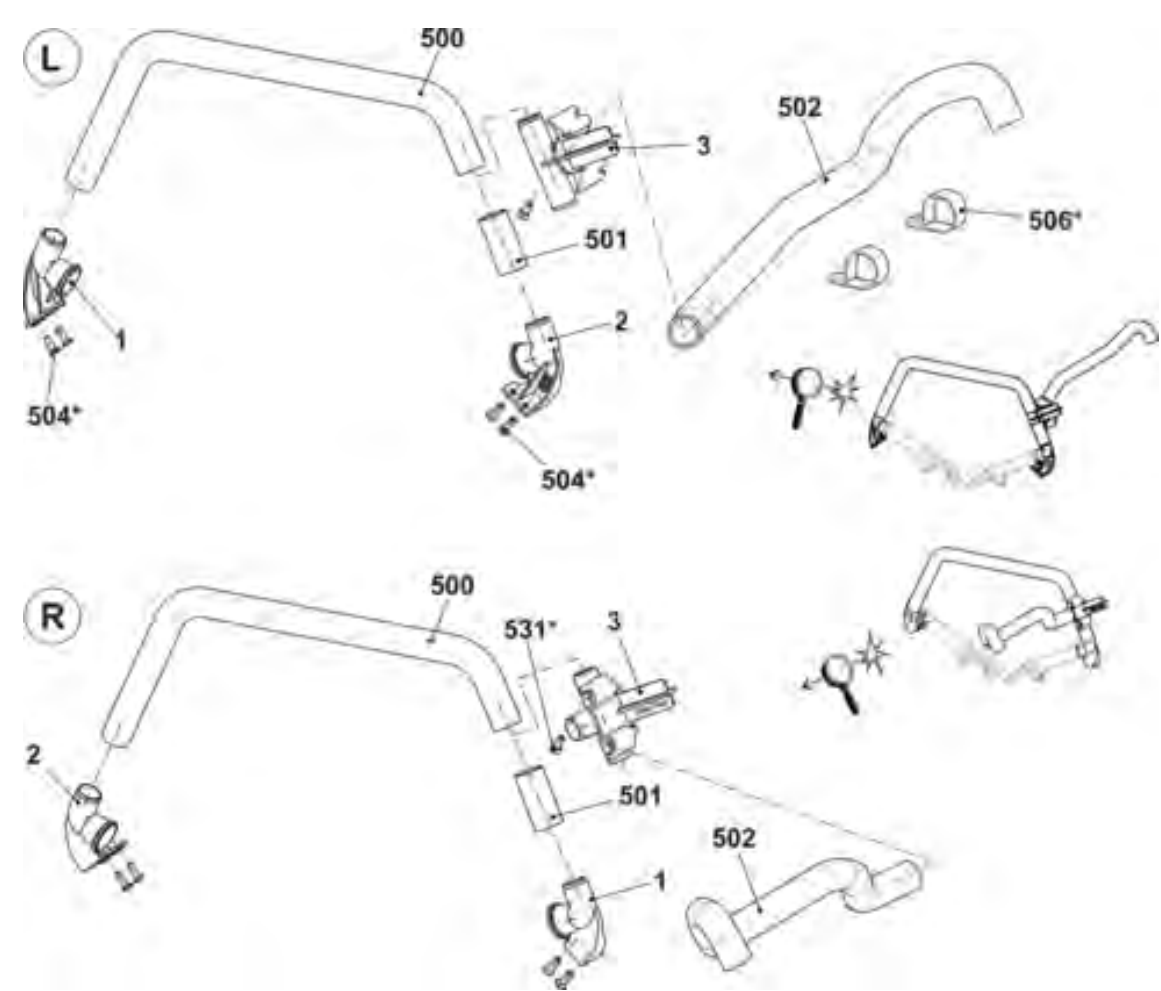
| Pos | Designation    | Id      |  | Pos  | Designation       | Id      |
|-----|----------------|---------|--|------|-------------------|---------|
| Σ   | Lint container |         |  | 6*   | Sealing plug      | 245 029 |
| 1   | Lint container | 245 024 |  | 10*  | Cover with filter | 251 335 |
| 5*  | Sealing plug   | 245 028 |  | 501* | Cap screw M6x10   | 023 690 |



10.1 Fluff absorption

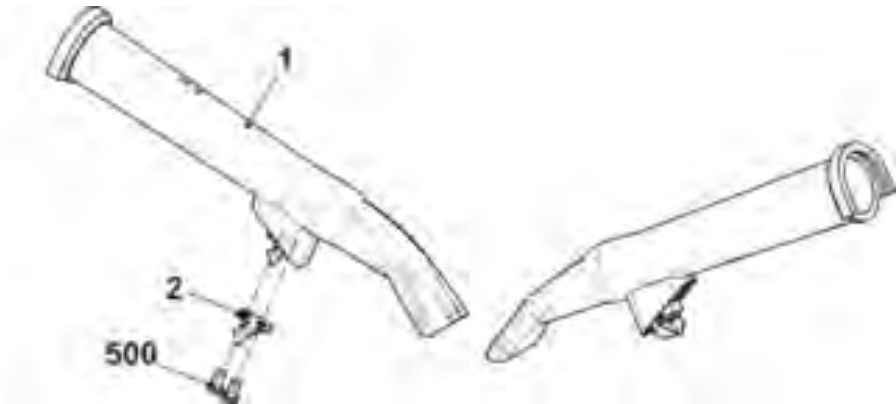
10.1.2 Set of hose on the left and right

| Pos | Designation                             | Id      |  | Pos  | Designation                 | Id      |
|-----|-----------------------------------------|---------|--|------|-----------------------------|---------|
| L   | Set of hose on the left complete 822 5Z | 251 343 |  |      |                             |         |
| R   | Set of hose on the right complete 822   | 251 344 |  | 501  | Suction hose 20x16x40       | 251 043 |
| 1   | Angle connection on the right           | 250 121 |  | 502  | Suction hose 20x16x420      | 251 045 |
| 2   | Angle connection on the left            | 251 101 |  | 504* | Countersunk head screw M4x8 | 251 011 |
| 3   | Connection piece FLENT                  | 245 022 |  | 506* | Cable clip                  | 250 051 |
| 500 | Suction hose 20x16x400                  | 244 983 |  | 531* | Cap screwM4x8               | 022 501 |



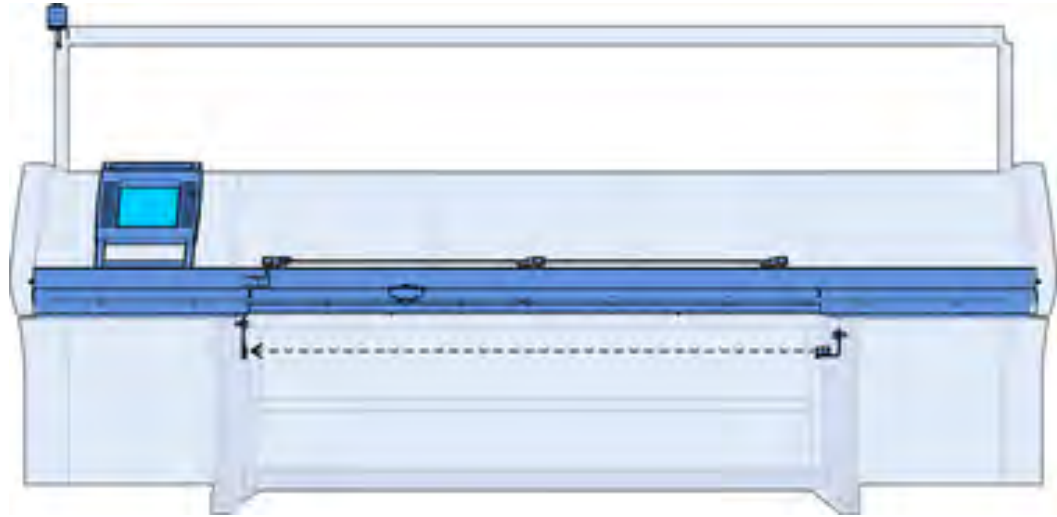
10.1.3 Suction tube

| Pos | Designation                 | Id      |  | Pos | Designation | Id |
|-----|-----------------------------|---------|--|-----|-------------|----|
| Σ   | Suction tube complete E5-14 | 251 312 |  |     |             |    |
| 1   | Suction tube                | 255 386 |  |     |             |    |
| 2   | Bracket                     | 255 628 |  |     |             |    |
| 500 | Screw KB30x6                | 241 424 |  |     |             |    |



Notes:

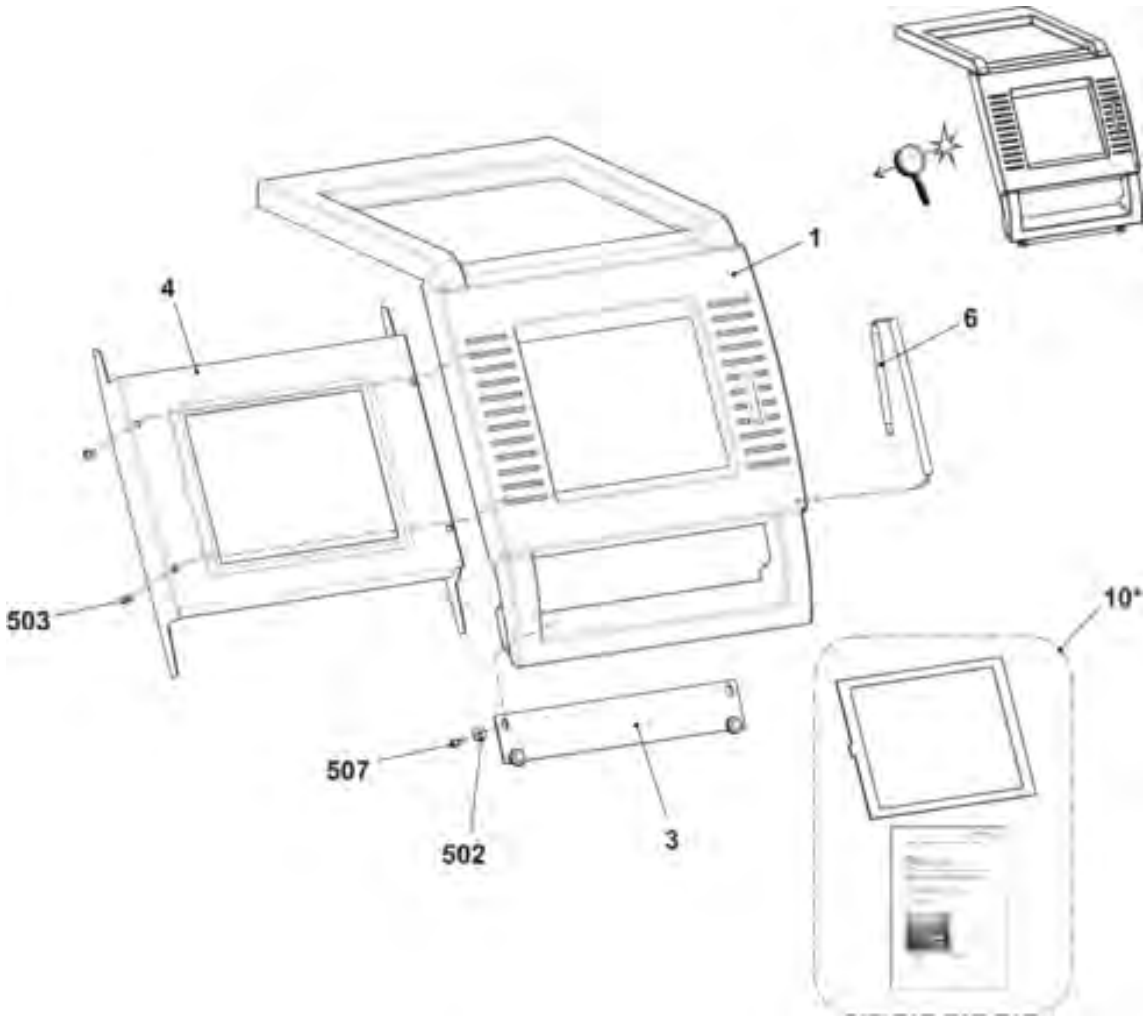
# 11 Operation and control



11.1 Input unit

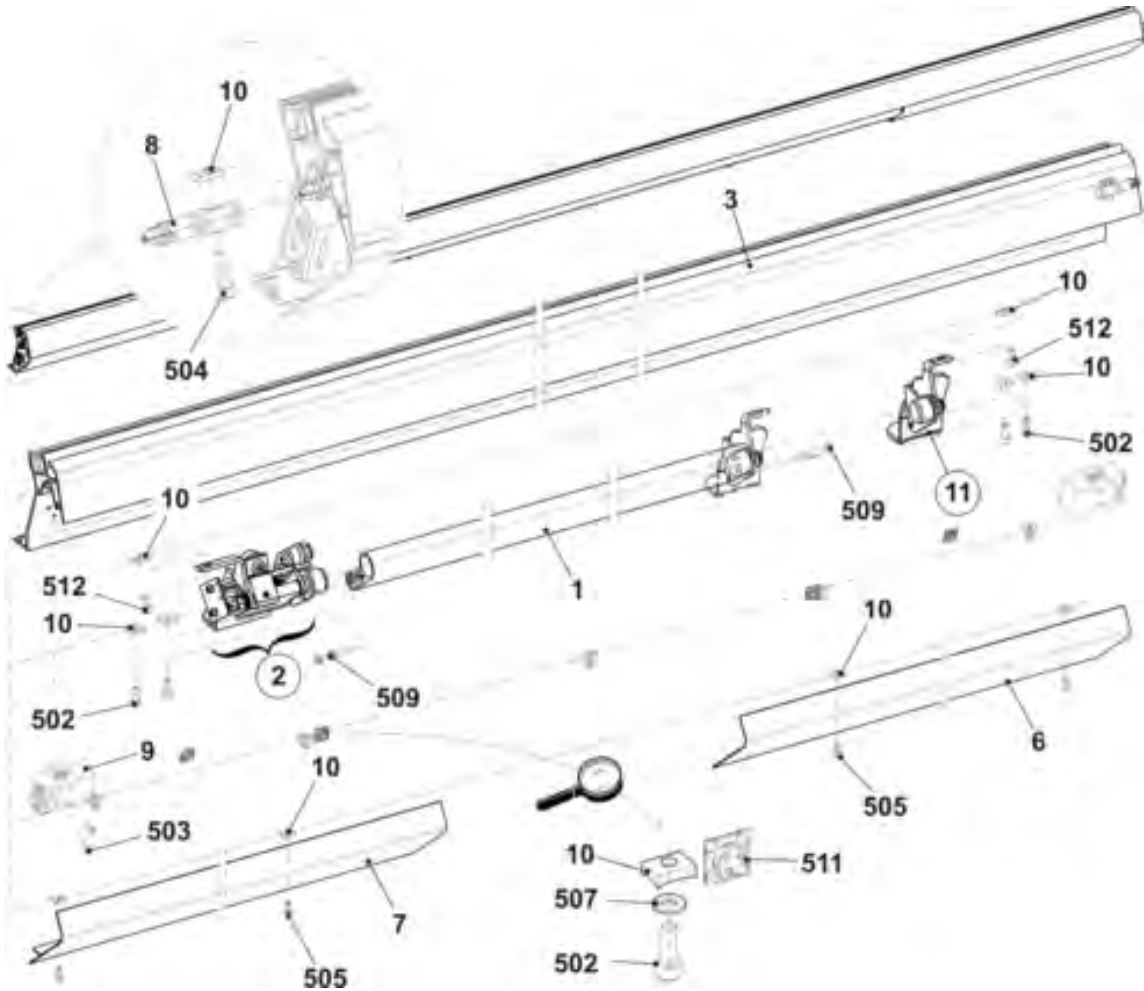
11.1 Input unit

| Pos | Designation            | Id      |  | Pos | Designation                     | Id      |
|-----|------------------------|---------|--|-----|---------------------------------|---------|
| Σ   | Input unit complete    | 240 194 |  |     |                                 |         |
| 1   | Base frame             | 240 195 |  | 10* | Touch panel spare parts package | 244 554 |
| 3   | Bearing strip complete | 240 198 |  | 502 | Washer                          | 020 901 |
| 4   | Display touch complete | 250 298 |  | 503 | Screw KB 50x12                  | 240 359 |
| 6   | Touch pen              | 242 812 |  | 507 | Screw KB 50x15                  | 251 728 |



11.2 Starting device

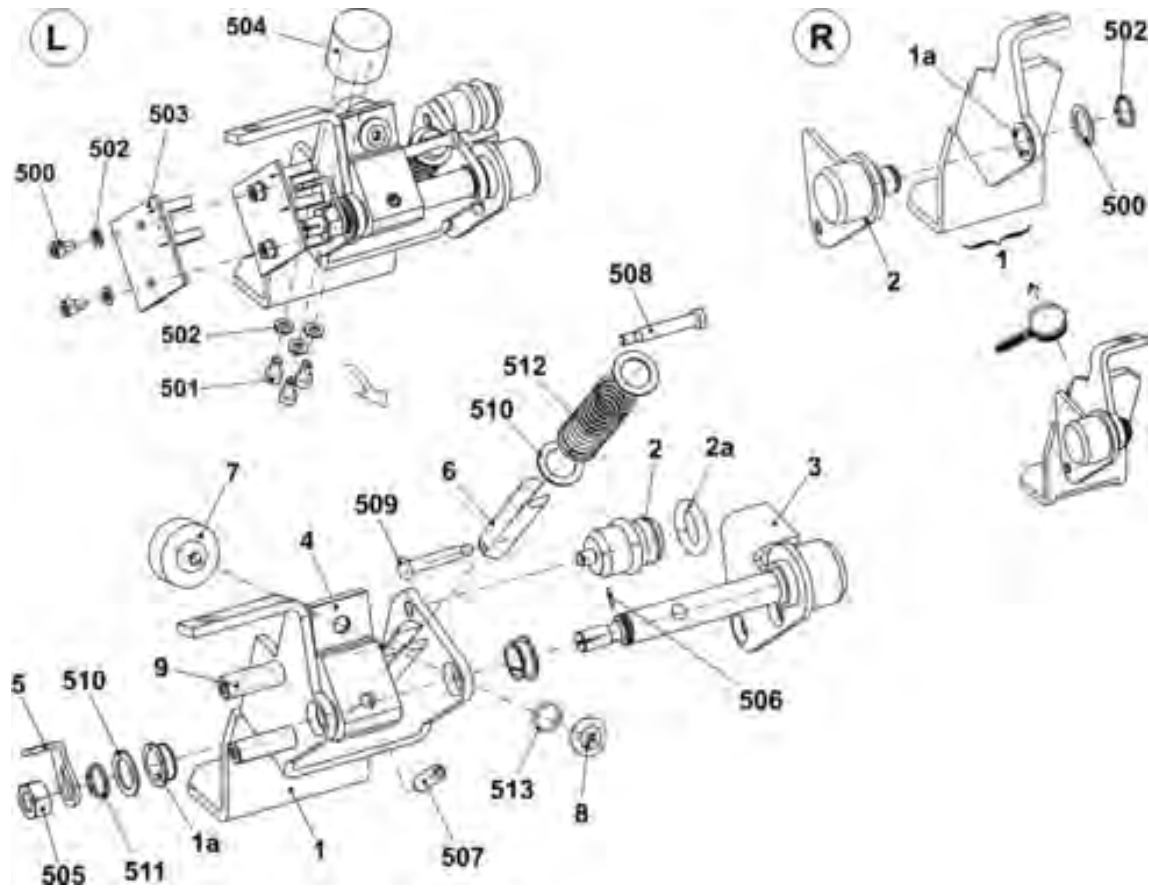
| Pos | Designation                       | ID      |  | Pos | Designation                   | ID      |
|-----|-----------------------------------|---------|--|-----|-------------------------------|---------|
| Σ   | Starting device complete          | 241 039 |  | 11  | Bearing on the right complete | 252 964 |
| 1   | Engaging rod                      | 241 030 |  | 502 | Cap screwM6x16                | 020 135 |
| 2   | Bearing on the left complete      | 250 071 |  | 503 | Pan-head screwM5x14           | 023 588 |
| 3   | Guide rail at the bottom complete | 257 540 |  | 504 | Cap screwM6x20-12.9           | 020 136 |
| 6   | Cover plate on the right          | 251 216 |  | 505 | Cap screwM6x12                | 020 134 |
| 7   | Cover plate on the left           | 251 217 |  | 507 | Washer                        | 020 872 |
| 8   | Locating bolt                     | 219 107 |  | 509 | Screw M6x25                   | 023 510 |
| 9   | Switch with cable to safety doors | 223 350 |  | 511 | Adhesive base                 | 243 055 |
| 10  | Sliding nut (slot nut)            | 225 099 |  | 512 | Cap screwM6x10                | 023 690 |



11.2 Starting device

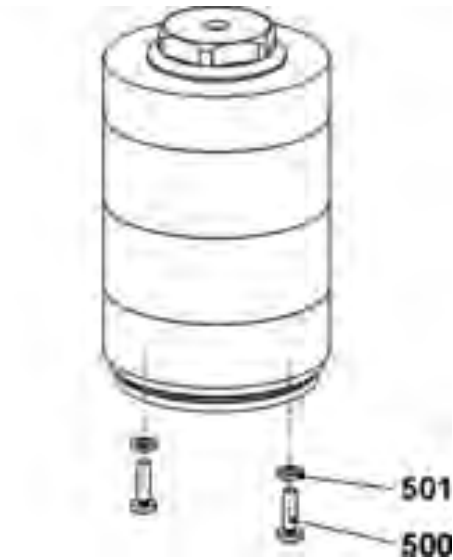
11.2.1 Bearing of the engaging rod

| Pos | Designation                    | ID      | Pos | Designation                     | ID      |
|-----|--------------------------------|---------|-----|---------------------------------|---------|
| L   | Bearing on the left complete   | 250 071 |     |                                 |         |
| 1   | Bearing on the left            | 245 218 | 505 | Hexagon nut M8-6                | 020 838 |
| 1a  | Clip bearing MCM 12-04         | 023 639 | 506 | Dowel pin 1,5x8                 | 236 923 |
| 2   | Support of buffer              | 220 561 | 507 | Spring dowel sleeve 6x20        | 023 719 |
| 2a  | O-ring 14x4                    | 023 237 | 508 | Shoulder screw M4x24,8x7,7      | 240 299 |
| 3   | Shaft on the left              | 245 219 | 509 | Shoulder screw                  | 251 316 |
| 4   | Rotor                          | 253 776 | 510 | Shim ring 12x18x1               | 023 315 |
| 5   | Switch flag                    | 245 220 | 511 | Locking ring12x1                | 020 951 |
| 6   | Spring mandrel                 | 251 340 | 512 | Compression spring 1,25x15x98,2 | 023 609 |
| 7   | Disk                           | 245 222 | 513 | Compression spring 0,5x11x12    | 251 369 |
| 8   | Shoulder screw                 | 254 528 |     |                                 |         |
| 9   | Distance bolt                  | 240 287 | R   | Bearing on the right complete   | 252 964 |
| 500 | Cap screw M4x6                 | 023 067 | 1   | Bearing on the right            | 240 230 |
| 501 | Cap screwM4x8                  | 022 501 | 1a  | Clip bearing MCM 12-04          | 023 639 |
| 502 | Shim ring 4x8x1                | 023 369 | 2   | Shaft on the right              | 242 888 |
| 503 | Card engaging                  | 259 000 | 500 | Shim ring 12x18x1               | 023 315 |
| 504 | Adhesive magnet direct current | 026 233 | 502 | Locking ring12x1                | 020 951 |



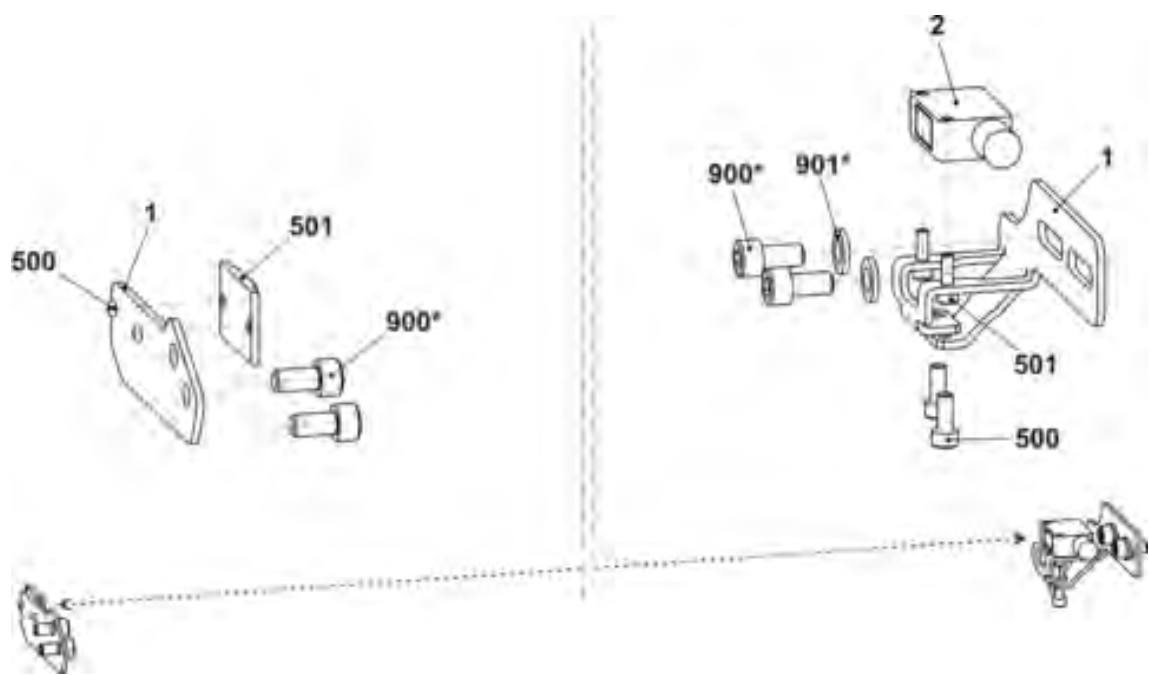
11.3 Signal light

| Pos | Designation      |                              | Id      |  | Pos | Designation |  | Id |
|-----|------------------|------------------------------|---------|--|-----|-------------|--|----|
| Σ   | Signal light LED |                              | 240 395 |  |     |             |  |    |
|     | 500              | Pan-head screwM4x14          | 023 037 |  |     |             |  |    |
|     | 501              | Serrated lock washer A4,3-FS | 022 482 |  |     |             |  |    |



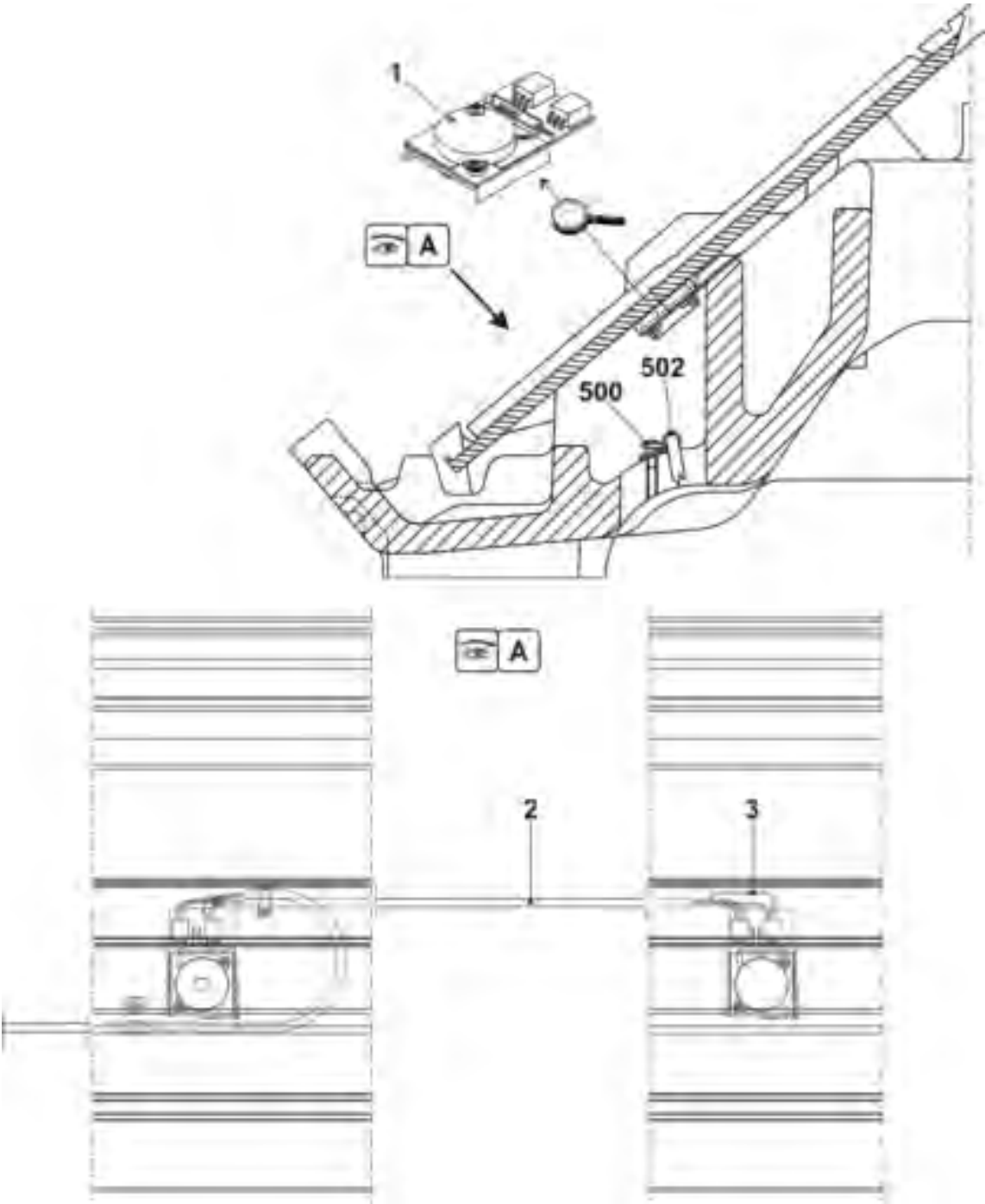
11.4 Collecting area - control

| Pos  | Designation              | Id      |  | Pos  | Designation                 | Id      |
|------|--------------------------|---------|--|------|-----------------------------|---------|
| Σ    | Reflector complete       | 256 826 |  | Σ    | Holding angle light barrier | 257 409 |
| 1    | Mounting plate reflector | 256 675 |  | 1    | Holding angle               | 256 806 |
| 500  | Blind rivet A3x8-Al      | 023 158 |  | 2    | Light barrier W100-P4330    | 243 355 |
| 501  | Reflector 20x20 mm       | 243 356 |  | 500  | Cap screwM4x10              | 023 136 |
| 900* | Cap screwM6x12           | 020 134 |  | 501  | Cap screwM3x10              | 022 991 |
|      |                          |         |  | 900* | Cap screwM6x12              | 020 134 |
|      |                          |         |  | 901* | Washer6                     | 020 872 |



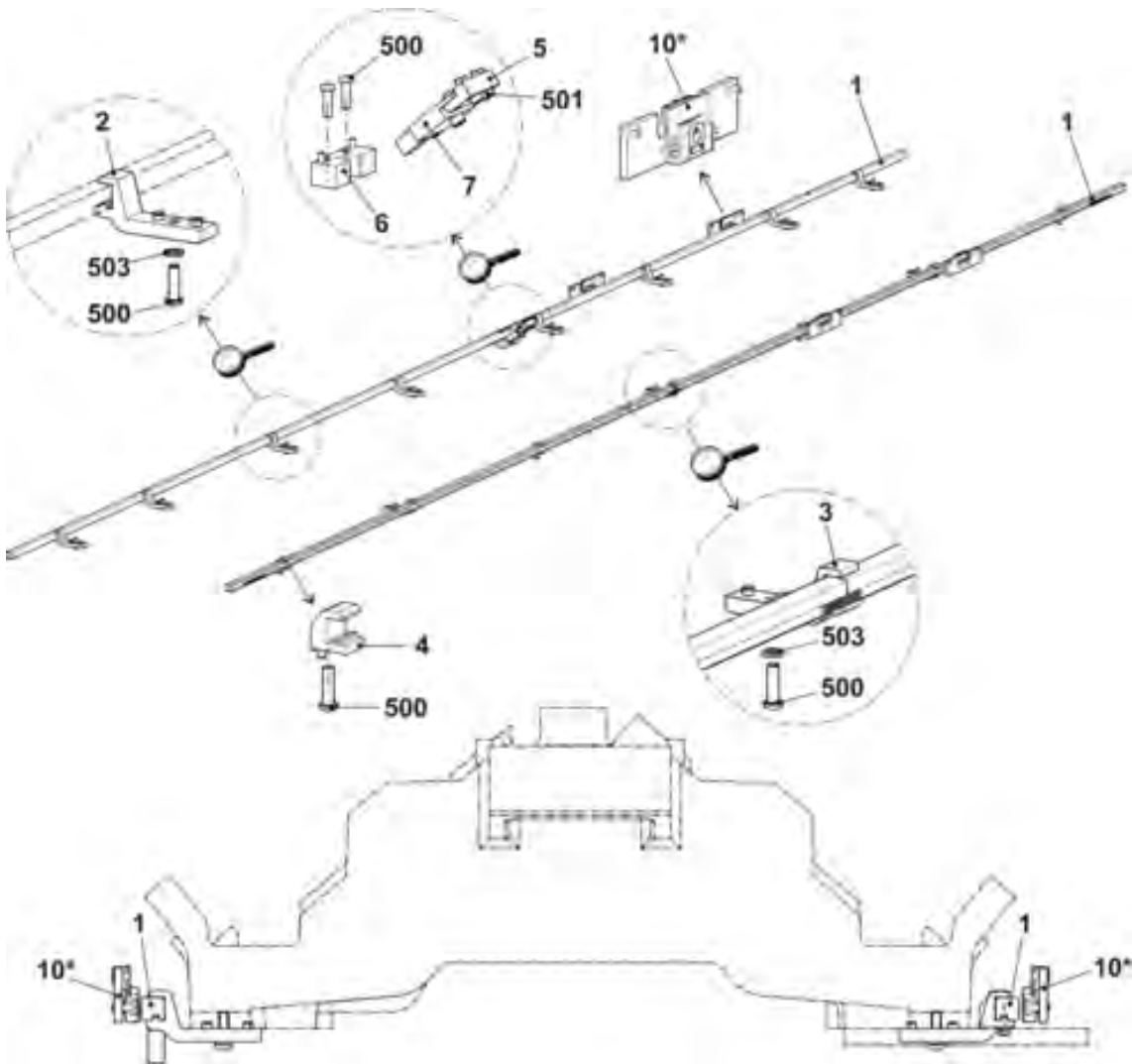
11.5 Shock stop motion

| Pos | Designation                   | Id      |  | Pos | Designation           | Id      |
|-----|-------------------------------|---------|--|-----|-----------------------|---------|
| Σ   | Shock stop motion complete E3 | 223 947 |  | 3   | End plug piezo sensor | 220 053 |
| 1   | Shock stop motion (Piezo)     | 220 011 |  | 500 | Pan-head screwM4x8    | 023 036 |
| 2   | Connecting cable piezo sensor | 220 061 |  | 502 | Cable clip N-3B, 5 mm | 210 729 |

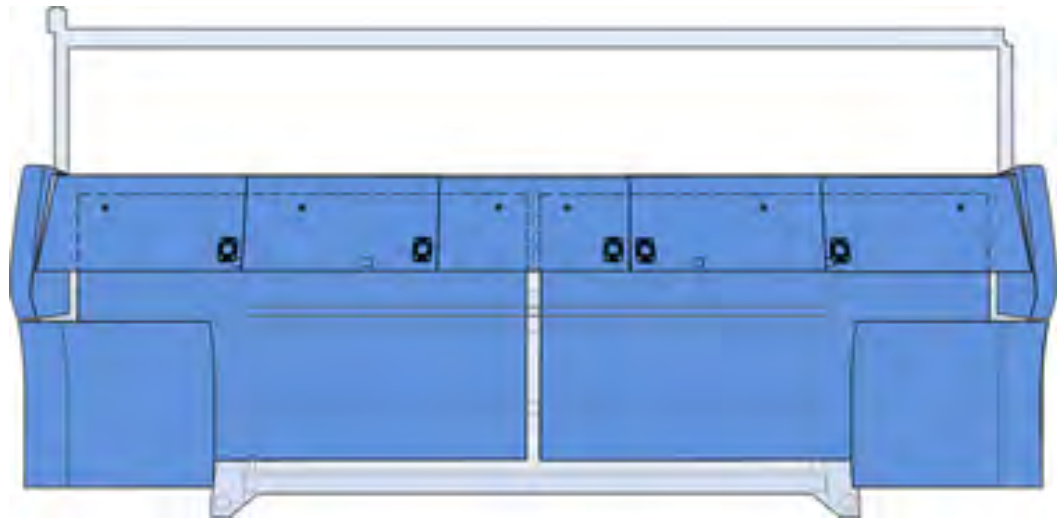


11.6 Measuring device

| Pos | Designation      | Id      |  | Pos | Designation         | Id      |
|-----|------------------|---------|--|-----|---------------------|---------|
| Σ   | Measuring device |         |  |     |                     |         |
| 1   | Measuring bar    | 258 308 |  | 7   | Plunger             | 244 536 |
| 2   | Guide            | 212 210 |  | 8   | Shoulder screw      | 209 790 |
| 3   | Guide            | 240 672 |  | 10* | Impulse sensor GLM  | 257 003 |
| 4   | Clamp            | 212 203 |  | 500 | Pan-head screwM6x20 | 241 603 |
| 5   | Stop point       | 244 537 |  | 501 | Cap screw M5x16     | 022 726 |
| 6   | Bearing fork     | 244 535 |  | 503 | Washer6             | 020 881 |



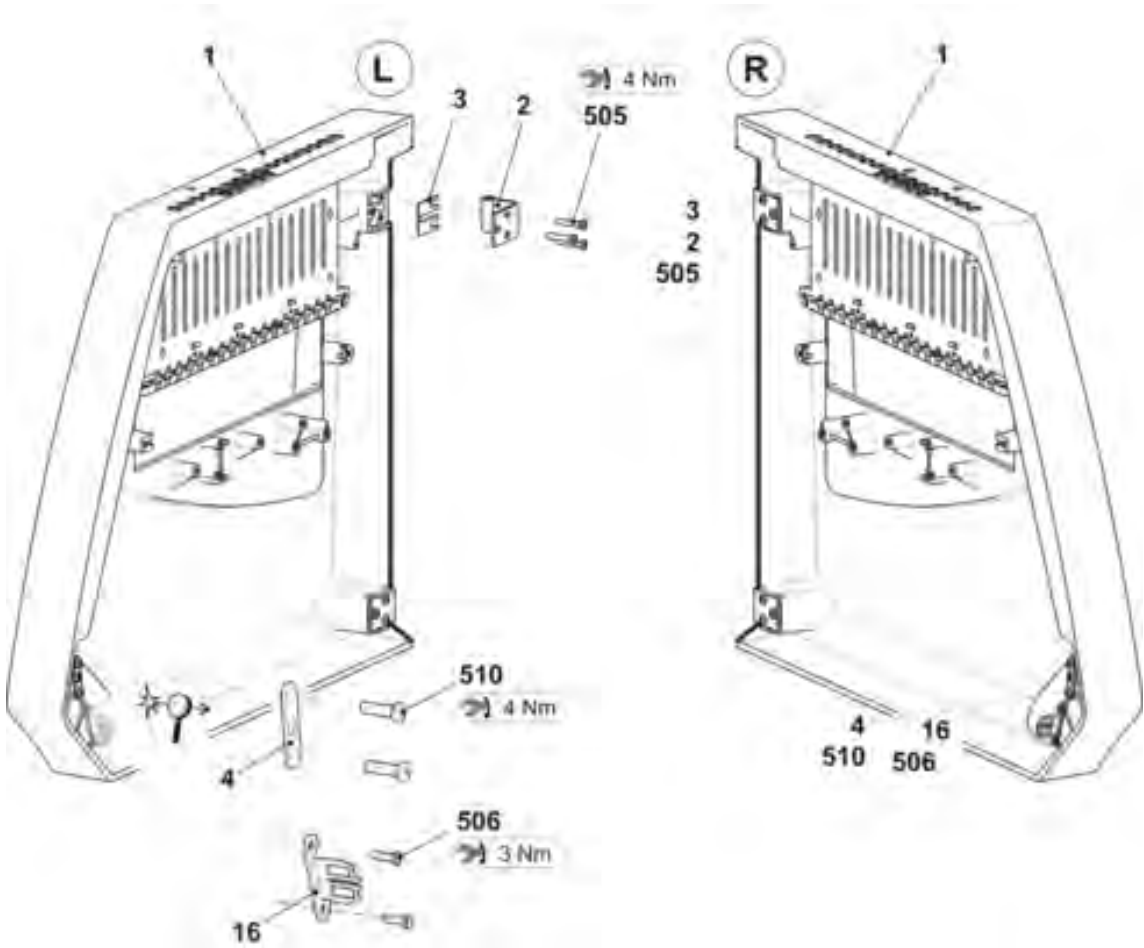
## 12 Protective devices



12.1 Lateral safety doors

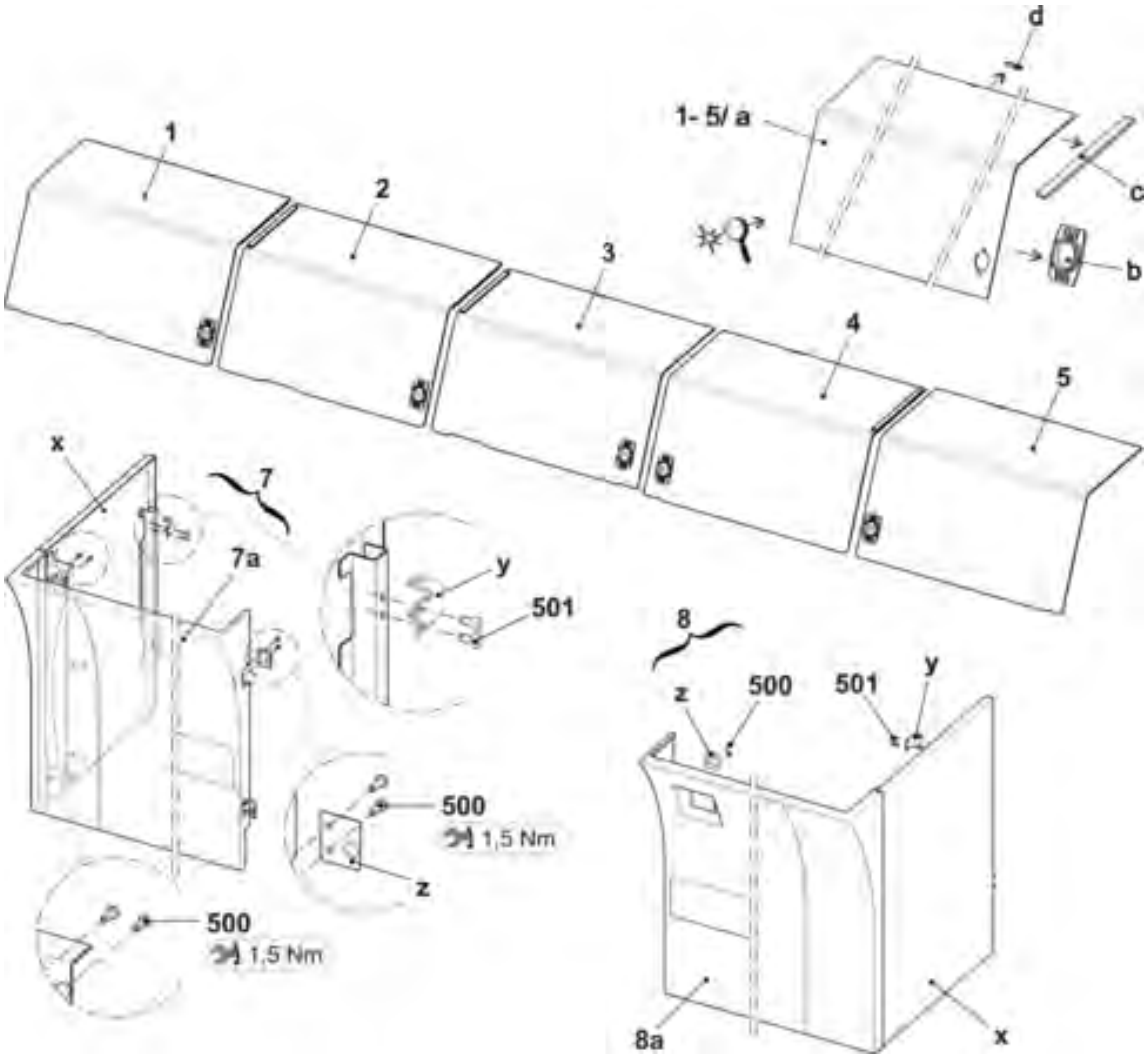
12.1 Lateral safety doors

| Pos | Designation             | Id      |  | Pos | Designation              | Id      |
|-----|-------------------------|---------|--|-----|--------------------------|---------|
| Σ   | Safety door on the left |         |  | Σ   | Safety door on the right |         |
| 1   | Safety door on the left | 250 562 |  | 1   | Safety door on the right | 250 563 |
| 2   | Hinge                   | 241 994 |  | 2   | Hinge                    | 241 994 |
| 3   | Plate                   | 224 717 |  | 3   | Plate                    | 224 717 |
| 4   | Locking plate           | 219 748 |  | 4   | Locking plate            | 219 748 |
| 16  | ActuatorAZ 15/16        | 255 492 |  | 16  | ActuatorAZ 15/16         | 255 492 |
| 505 | Screw KB 60x30          | 237 683 |  | 505 | Screw KB 60x30           | 237 683 |
| 506 | Screw KB 40x14          | 241 358 |  | 506 | Screw KB 40x14           | 241 358 |
| 510 | Screw KB 60x20          | 237 682 |  | 510 | Screw KB 60x20           | 237 682 |



12.2 Panelling

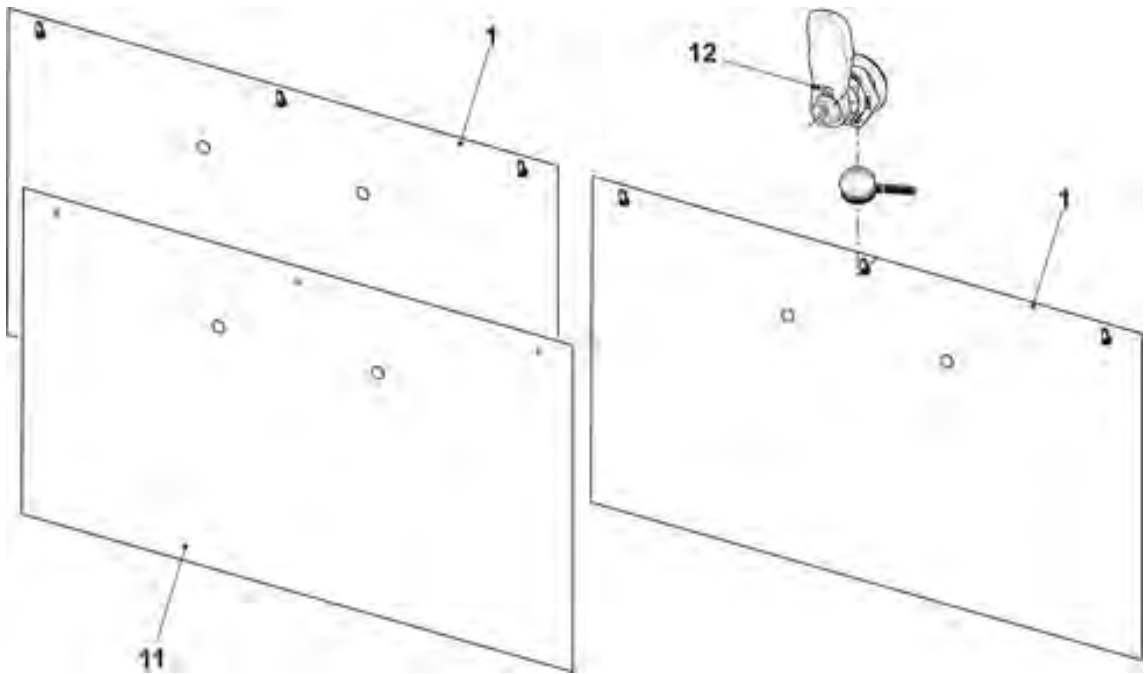
| Pos | Designation        |         | Id      |  | Pos | Designation                                  |                                     | Id      |         |
|-----|--------------------|---------|---------|--|-----|----------------------------------------------|-------------------------------------|---------|---------|
| 1   | Cover 1 (complete) |         | 257 532 |  | 1-5 | b                                            | Inlet type handle                   | 251 376 |         |
|     | 1a                 | Cover 1 | 257 527 |  |     | c                                            | Stripper                            | 219 393 |         |
| 2   | Cover 2 (complete) |         | 257 533 |  |     | d                                            | Magnet                              | 255 129 |         |
|     | 2a                 | Cover 2 | 257 528 |  | 7   | Control unit panelling on the left complete  |                                     | 251 237 |         |
| 3   | Cover 3 (complete) |         | 257 534 |  |     | 7a                                           | Control unit panelling on the left  | 251 190 |         |
|     | 3a                 | Cover 3 | 257 529 |  | 8   | Control unit panelling on the right complete |                                     | 251 238 |         |
| 4   | Cover 4 (complete) |         | 257 535 |  |     | 8a                                           | Control unit panelling on the right | 251 191 |         |
|     | 4a                 | Cover 4 | 257 530 |  | 7-8 | x                                            | Side part                           | 244 989 |         |
| 5   | Cover 5 (complete) |         | 257 536 |  |     | y                                            | Hinge                               | 250 273 |         |
|     | 5a                 | Cover 5 | 257 531 |  |     | z                                            | Bracket                             | 240 412 |         |
|     |                    |         |         |  |     | 500                                          | Screw KB 50x12                      |         | 240 359 |
|     |                    |         |         |  |     | 501                                          | Cap screwM6x16                      |         | 020 135 |



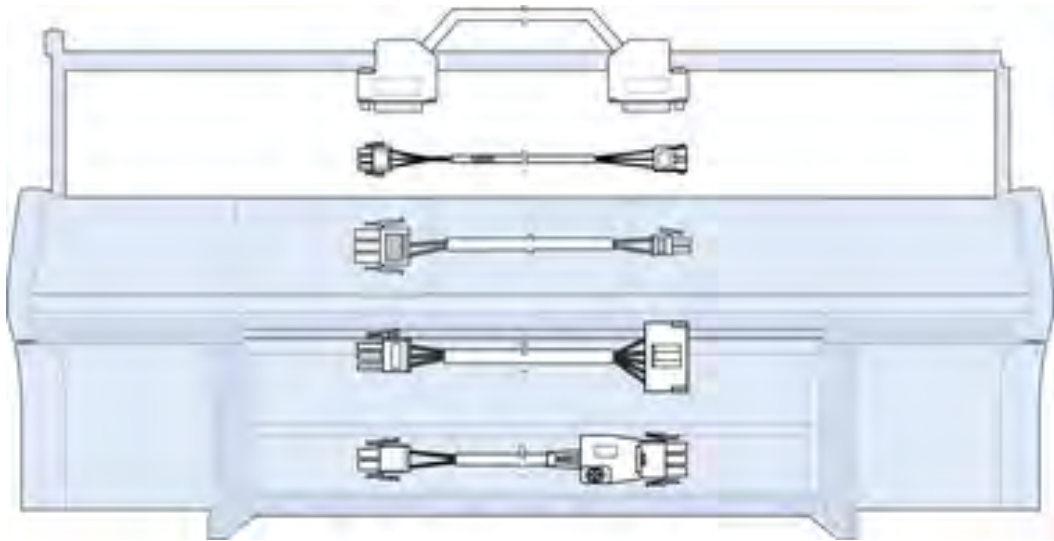
12.3 Rear panel

12.3 Rear panel

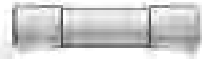
| Pos | Designation                    | Id      |  | Pos | Designation          | Id      |
|-----|--------------------------------|---------|--|-----|----------------------|---------|
| 1   | Panelling at the rear complete | 257 670 |  | 11  | Panelling            | 257 664 |
|     |                                |         |  | 12  | Safety sash fastener | 243 052 |



# 13 Electrical equipment



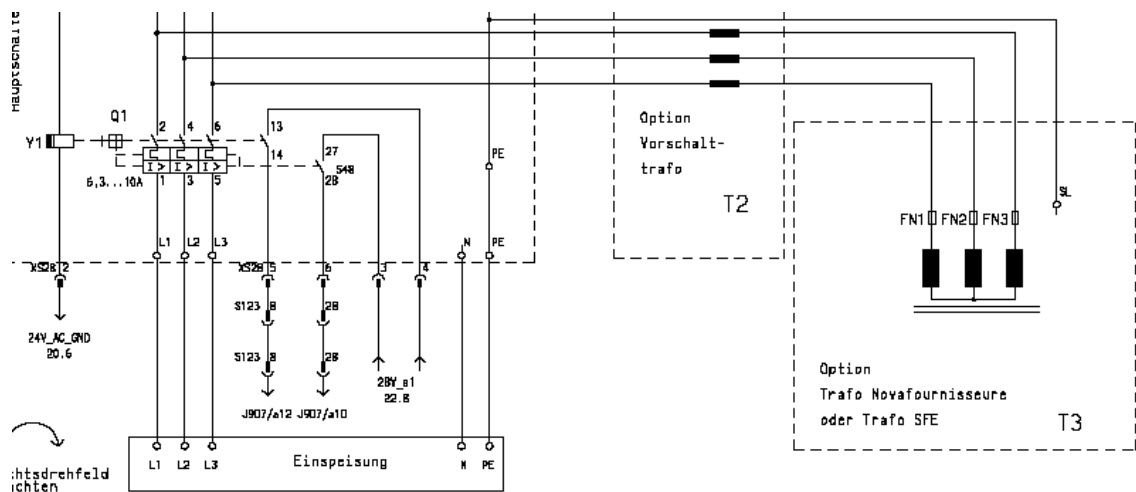
13.1 Fuses

|                                                                                   | Designation                | Id      |
|-----------------------------------------------------------------------------------|----------------------------|---------|
|  | Fuse 1,0A F 5x20           | 008 748 |
|  | Fuse 3,15A T/440V 6,3x32   | 025 261 |
|                                                                                   | Fuse 10A T/440V 6,3x32Fuse | 025 258 |
|                                                                                   | Fuse 2,5A T/440V 6,3x32    | 217 465 |
|                                                                                   | Fuse 1,6A T/440V 6,3x32    | 236 229 |
|                                                                                   | Fuse 6,3A T/440V 6,3x32    | 026 809 |
|                                                                                   | Fuse 8A T/440V 6,3x32Fuse  | 241 866 |
|                                                                                   | Fuse 12,5A T/440V 6,3x32   | 232 367 |

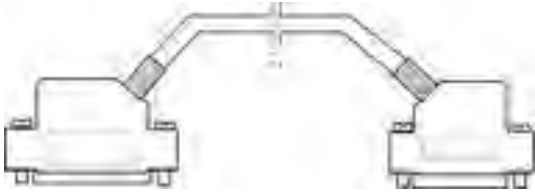
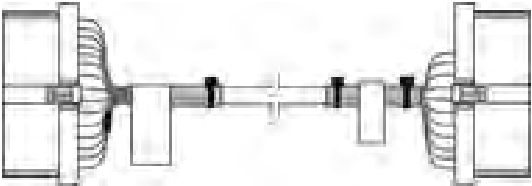
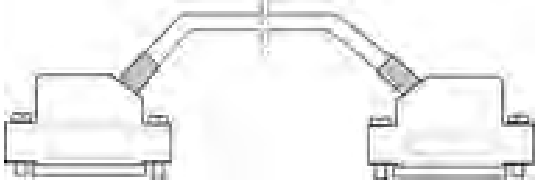
13.2 Circuit diagram (221) as PDF

| Designation                 | ID      | Marking |
|-----------------------------|---------|---------|
| Circuit diagram 221 German  | 257 279 | _DE     |
| Circuit diagram 221 English | 257 279 | _GB     |
| Circuit diagram 221 Chinese | 257 279 | _CN     |

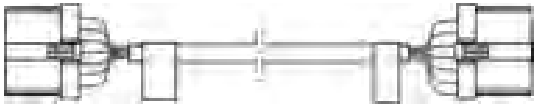
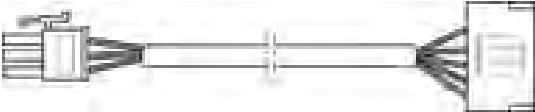
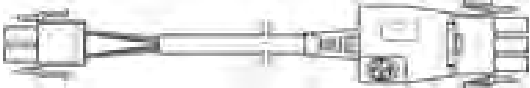
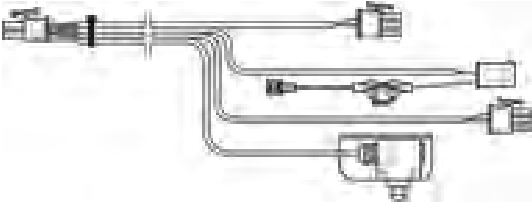
You will find the circuit diagram 221 on the CMS documentation DVD with the ID no.: 257 157



13.3 Trailing cable

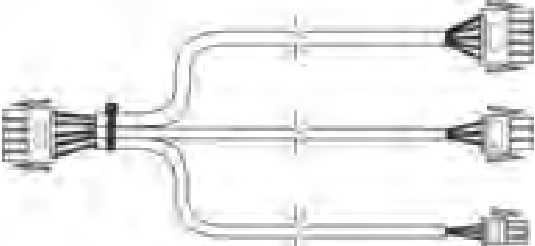
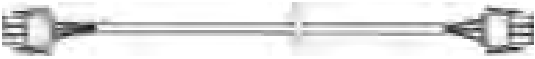
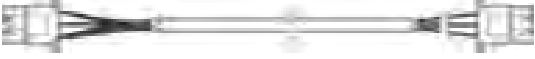
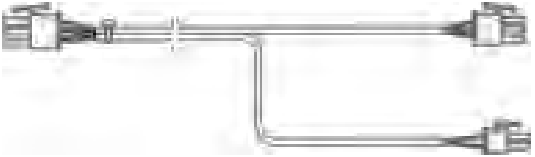
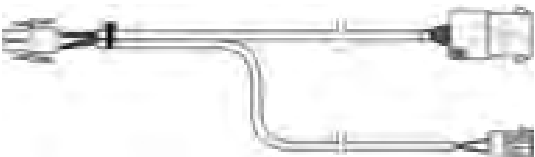
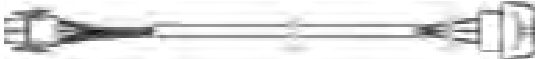
| Designation                                                                         | Id      | Designation                                                                          | Id      |
|-------------------------------------------------------------------------------------|---------|--------------------------------------------------------------------------------------|---------|
| Σ Trailing cable set OKC 822 2IMP-2                                                 | 259 304 |                                                                                      |         |
| Cable impulse sensor 2 at the rear on the left XL138                                | 259 367 | Cable SM rear left XL321                                                             | 255 195 |
| Cable impulse sensor 2 at the front on the left XL139                               | 259 368 | Cable SM front left XL323                                                            | 255 197 |
| Cable impulse sensor 2 at the rear on the right XL136                               | 259 369 | Cable SM rear right XL325                                                            | 255 199 |
| Cable impulse sensor 2 at the front on the right XL137                              | 259 370 | Cable SM front right XL327                                                           | 255 201 |
|    |         |    |         |
| Cable yarn carrier on the left                                                      | 242 289 | Cable signal at the rear on the left XL322                                           | 255 196 |
| Cable yarn carrier on the right                                                     | 242 290 | Cable signal front left XL324                                                        | 255 198 |
|  |         | Cable signal at the rear on the right XL326                                          | 255 200 |
|                                                                                     |         | Cable signal front right XL328                                                       | 255 202 |
|                                                                                     |         |  |         |

13.4 Cable

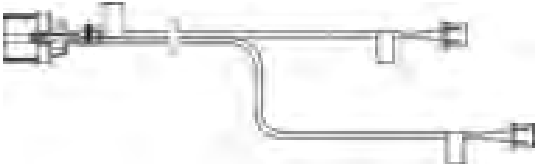
| Designation                                                                         | Id      | Designation                                                                          | Id      |
|-------------------------------------------------------------------------------------|---------|--------------------------------------------------------------------------------------|---------|
| Cable Engaging rod OKC                                                              | 240 289 | Cable supply FKE lamp OKC                                                            | 240 290 |
|    |         |    |         |
| Cable protective device on the left OKC                                             | 253 442 | Cable motor HIAB OKC                                                                 | 240 291 |
|    |         |    |         |
| Cable racking limit switch OKC                                                      | 240 292 | Cable fan drive OKC                                                                  | 240 293 |
|   |         |  |         |
| Cable Feed wheel on the right OKC                                                   | 240 294 | Cable drive motor OKC                                                                | 240 295 |
| Cable feed wheel on the left 84" OKC                                                | 240 466 | Cable racking motor OKC                                                              | 240 297 |
|  |         |  |         |
| Cable resolver drive OKC                                                            | 240 296 | Cable protective device on the right OKC                                             | 253 441 |
| Cable resolver racking OKC                                                          | 240 298 |  |         |
|  |         | Cable Electro 84" OKC                                                                | 240 463 |
| Cable CAN 84"                                                                       | 240 461 |  |         |
|  |         |                                                                                      |         |

13.5 Continuation of cable I

13.5 Continuation of cable I

| Designation                                                                         | Id      |  | Designation                                                                          | Id      |
|-------------------------------------------------------------------------------------|---------|--|--------------------------------------------------------------------------------------|---------|
| Cable motor HIAB 84" OKC                                                            | 242 226 |  | Cable switch HIAB 84" OKC                                                            | 242 227 |
|    |         |  |    |         |
| Cable power supply WAZ/F 84" OKC                                                    | 240 471 |  | Cable power supply servo 84"                                                         | 240 504 |
|    |         |  |    |         |
| Cable power supply unit of mains supply OKC                                         | 240 505 |  | Cable power supply lighting 84" OKC                                                  | 240 507 |
|  |         |  |  |         |
| Cable motor HAAB OEF/S 84"                                                          | 242 228 |  | Cable switch HAOS 84" OKC                                                            | 242 229 |
|  |         |  |  |         |
| Cable switch HIAB OKC                                                               | 240 593 |  | Cable motor HIAB OKC                                                                 | 240 592 |
|  |         |  |  |         |
| Cable power supply FLENT 84" OKC                                                    | 251 243 |  | Cable motor comb hookOKC                                                             | 240 308 |
|  |         |  |  |         |

13.6 Continuation of cable II

| Designation                                                                         | Id      |  | Designation                                                                         | Id      |
|-------------------------------------------------------------------------------------|---------|--|-------------------------------------------------------------------------------------|---------|
| Cable switch KAHA OKC                                                               | 240 309 |  | Cable motor combOKC                                                                 | 240 310 |
|    |         |  |   |         |
| Cable switch comb OKC                                                               | 240 311 |  | Cable switch HAAB OKC                                                               | 240 312 |
|    |         |  |  |         |
| Cable piezo NB OKC                                                                  | 240 518 |  |                                                                                     |         |
|  |         |  |                                                                                     |         |

13.6 Continuation of cable II

Notes:

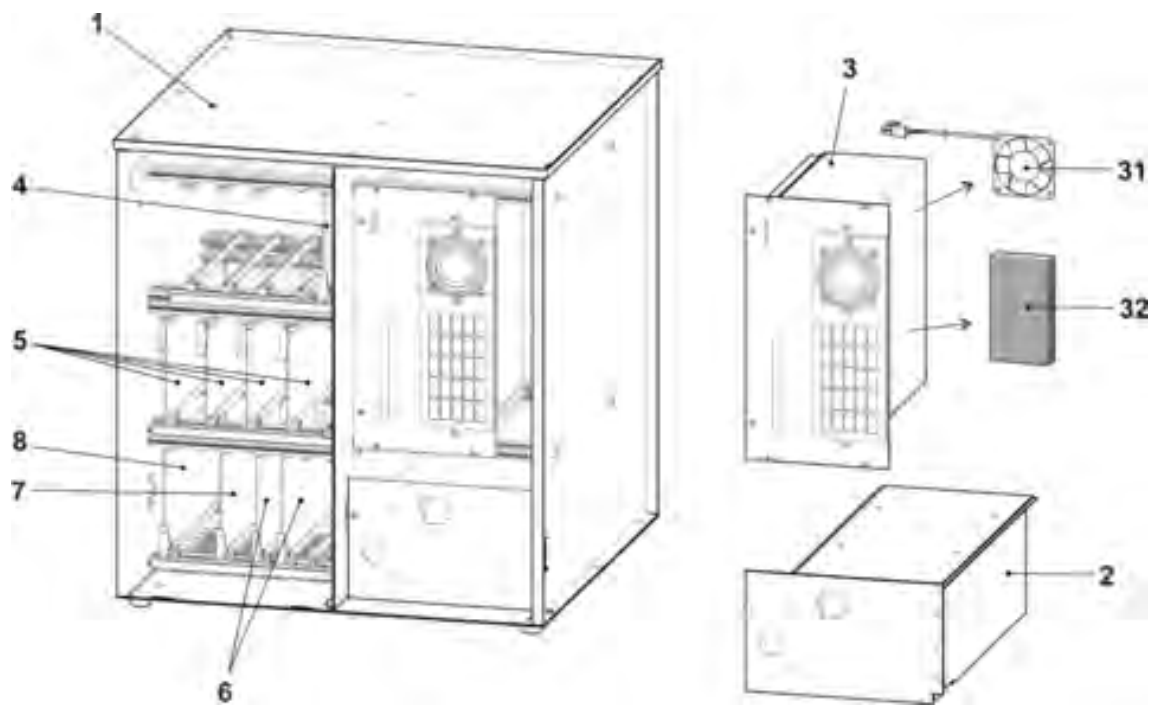
## 14 Control electronics



14.1 Left control cabinet

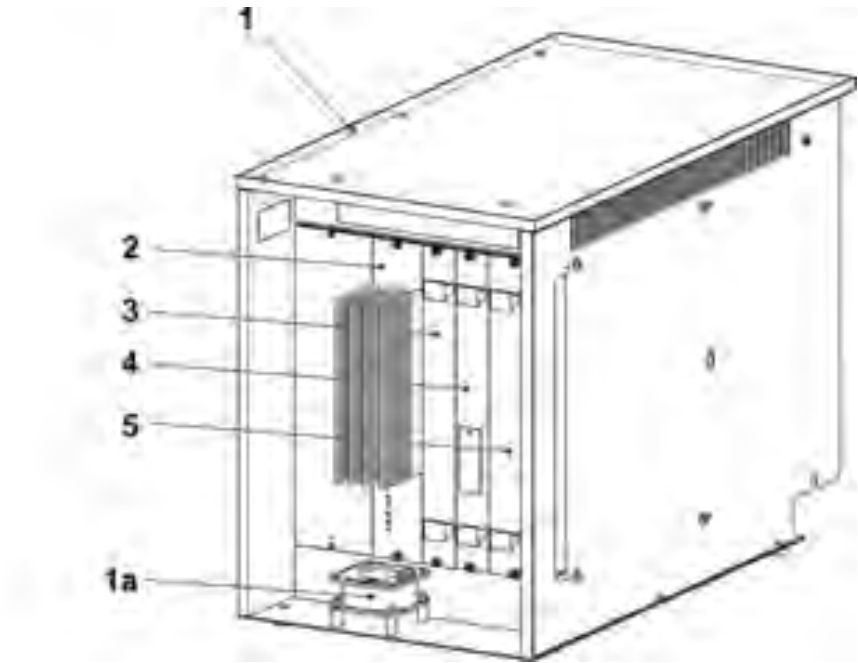
14.1 Left control cabinet

| Pos | Designation                                    | Id      |  | Pos | Designation               | Id      |
|-----|------------------------------------------------|---------|--|-----|---------------------------|---------|
| Σ   | Control unit on the left complete 822 5/6 inch | 254 866 |  |     |                           |         |
| 1   | Control unit on the left without any equipment | 254 868 |  | 4   | Card battery OKC          | 300 951 |
| 2   | Battery plug-in unit                           | 300 924 |  | 5   | Card final stages 4SM 7TE | 300 943 |
| 3   | Power supply unit CG54                         | 300 923 |  | 6   | Card N-CPU 432            | 300 965 |
|     | 31 Fan power supply unit                       | 239 305 |  | 7   | Card Power CPU B          | 301 009 |
|     | 32 Filtermatte CG54                            | 239 350 |  | 8   | Card IPC P8X B            | 301 010 |



14.2 Right control cabinet

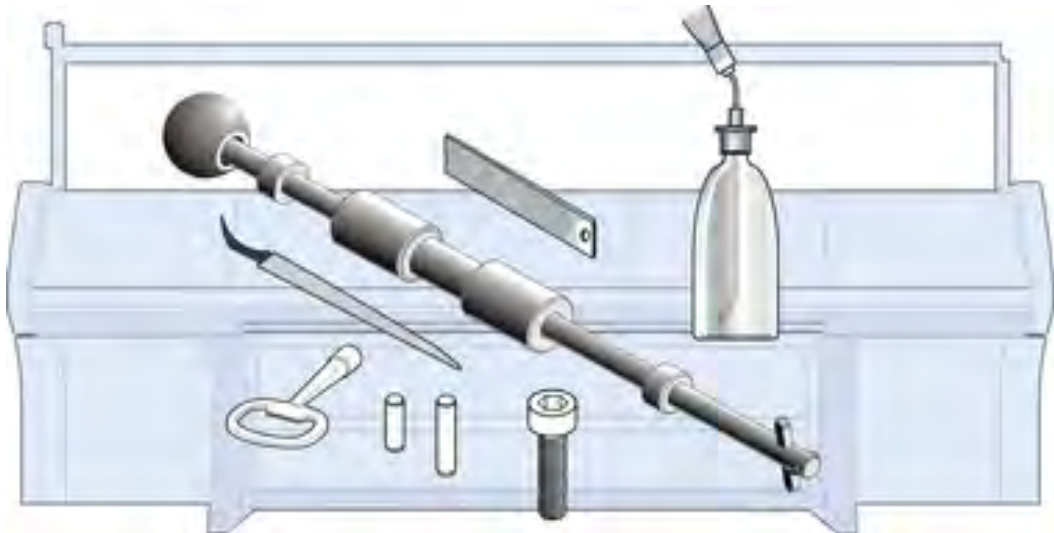
| Pos | Designation                                    | Id      |  | Pos | Designation            | Id      |
|-----|------------------------------------------------|---------|--|-----|------------------------|---------|
| Σ   | Control unit on the right complete OKC         | 238 738 |  |     |                        |         |
| 1   | Control unit on the left without any equipment | 238 737 |  | 3   | Karte Relais okc       | 300 953 |
| 1a  | Axial-Lüfter Servo 5                           | 229 059 |  | 4   | Card CWAZ              | 300 929 |
| 2   | Card Servo 6                                   | 301 000 |  | 5   | Karte CWAZ Kondensator | 300 936 |



14.2 Right control cabinet

Notes:

# 15 Deliverable accessories



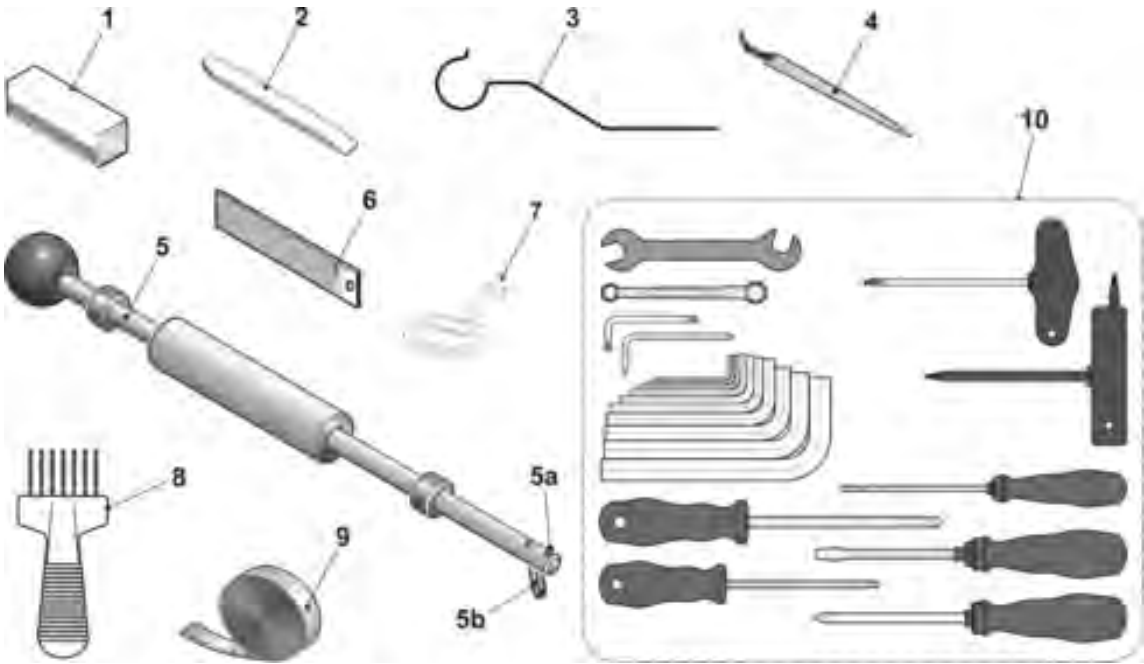
15.1 Fuses

15.1 Fuses

|                                                                                   | Designation                    | ID      |
|-----------------------------------------------------------------------------------|--------------------------------|---------|
|  | Glassicherung F1,0 A           | 008 748 |
|  | Fuse 3,15 A T/440V 6,3x3,2Fuse | 025 261 |
|                                                                                   | Fuse 10 A T/440V 6,3x3,2Fuse   | 025 258 |
|                                                                                   | Fuse 2,5 A T/440V 6,3x3,2Fuse  | 217 465 |
|                                                                                   | Fuse 1,6 A T/440V 6,3x3,2Fuse  | 236 229 |
|                                                                                   | Fuse 6,3 A T/440V 6,3x3,2Fuse  | 026 809 |
|                                                                                   | Fuse 8 A T/440V 6,3x3,2Fuse    | 241 866 |
|                                                                                   | Fuse 12,5 A TT 6,3x3,2Fuse     | 232 367 |

15.2 Tool

| Pos | Designation                   |           | Id      |  | Pos | Designation                           |  | Id      |
|-----|-------------------------------|-----------|---------|--|-----|---------------------------------------|--|---------|
| 1   | Channel support E4            |           | 062 309 |  | 6   | Groove file 1,33mm E3-4               |  | 006 169 |
|     | Channel support E5, E2,5.2    |           | 062 310 |  |     | Groove file 1,25mm E5-8, E3,5.2       |  | 006 170 |
|     | Channel support E7, E3,5.2    |           | 062 312 |  |     | Groove file 0,90mm E10-12, E5.2   6.2 |  | 006 175 |
|     | Channel support E8            |           | 062 313 |  |     | Groove file 0,73mm E14, E7.2          |  | 006 173 |
|     | Channel support E10, E5.2     |           | 062 314 |  |     | Groove file 0,45mm E16-18, E9.2       |  | 006 179 |
|     | Channel support E12, E6.2     |           | 062 315 |  | 7   | Key of switch cabinet                 |  | 009 346 |
|     | Channel support E14, E7.2     |           | 218 069 |  |     | Groove cleaner E4                     |  | 031 232 |
|     | Channel support E16, E8.2     |           | 230 188 |  | 8   | Groove cleaner E5                     |  | 031 233 |
|     | Channel support E18, E9.2     |           | 230 189 |  |     | Groove cleaner E6                     |  | 031 234 |
|     | Channel support E20           |           | 230 190 |  |     | Groove cleaner E7, E3,5.2             |  | 031 235 |
| 2   | Channel chisel E14-20 (E5-14) |           | 062 316 |  |     | Groove cleaner E8                     |  | 031 236 |
|     | Channel chisel E4-8 (E3,5.2)  |           | 062 317 |  |     | Groove cleaner E10 (E5.2)             |  | 031 238 |
|     | Channel chisel E10-14         |           | 062 318 |  |     | Groove cleaner E12 (E6.2)             |  | 031 240 |
| 3   | Yarn guide on the left        |           | 227 071 |  |     | Groove cleaner E14 (E7.2)             |  | 031 242 |
|     | Yarn guide on the right       |           | 227 070 |  |     | Groove cleaner E16                    |  | 225 111 |
| 4   | Working hook                  |           | 227 249 |  |     | Groove cleaner E18 (E9.2)             |  | 225 112 |
| 5   | Extraction hook               |           | 232 027 |  |     | Groove cleaner E20                    |  | 225 113 |
|     | 5a                            | Small pin | 202 843 |  | 9   | Measuring tape L=150cm                |  | 228 180 |
|     | 5b                            | Pencil    | 232 022 |  | 10  | Tool kit                              |  | 209 527 |



15.3 Lubricating stuff

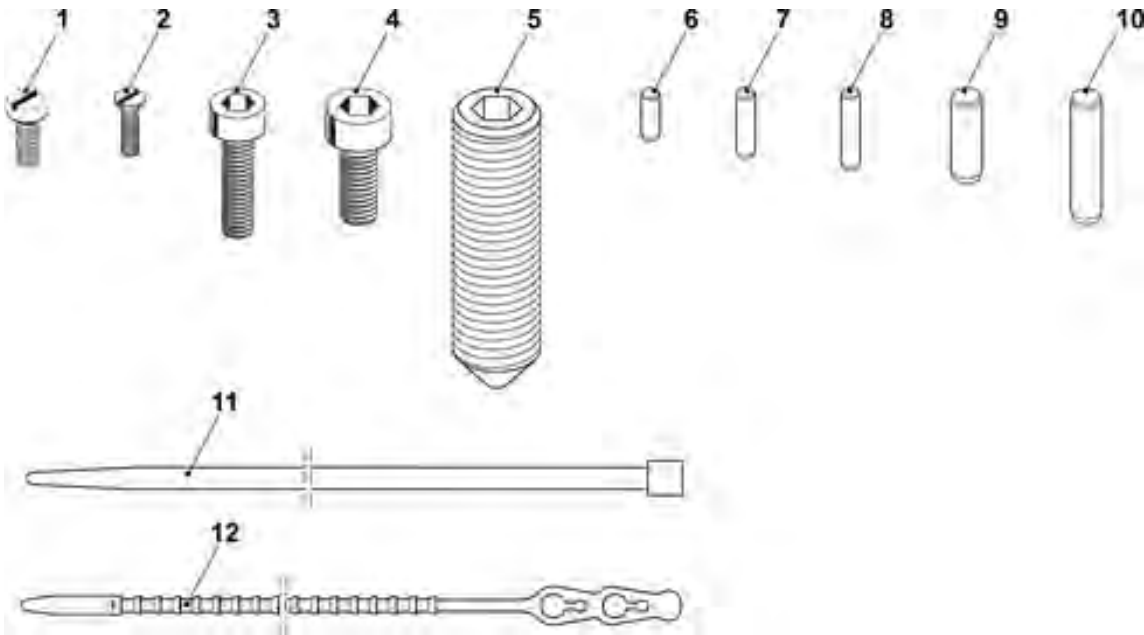
15.3 Lubricating stuff

| Pos | Designation                  | Id      |  | Pos | Designation                   | Id      |
|-----|------------------------------|---------|--|-----|-------------------------------|---------|
| 1   | Textile machines oil T46, 1l | 230 614 |  | 4   | Oil combifix                  | 216 732 |
| 2   | Grease OKS 475, 1kgGrease    | 009 200 |  | 5   | White grease paste OKS270     | 229 372 |
| 3   | Grease OKS 475, 150gGrease   | 005 351 |  | 6   | Grease Staburags NBU 12/300KP | 231 191 |



15.4 Mechanical parts

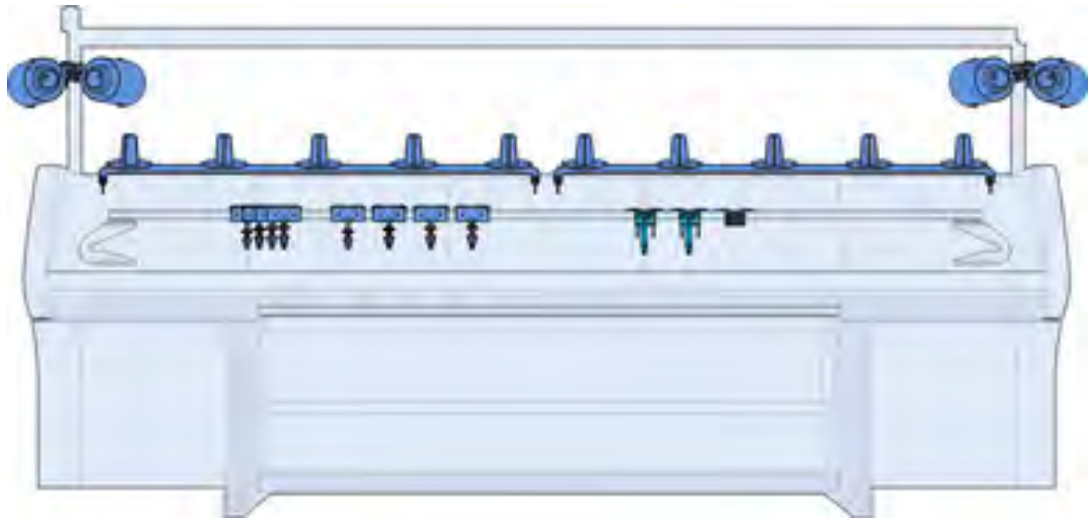
| Pos | Designation            | Id      |  | Pos | Designation                | Id      |
|-----|------------------------|---------|--|-----|----------------------------|---------|
| 1   | Cap screw M4x8         | 020 091 |  | 11  | Cut cable 203x3,6mm        | 025 815 |
| 2   | Countersunk screw M3x6 | 020 286 |  |     | Cut cable T50L             | 026 294 |
| 3   | Cap screw M5x16        | 022 726 |  |     | Cut cable 140x3,6mm        | 008 379 |
| 4   | Cap screw M6x14        | 022 658 |  |     | Cut cable 302x4,8mm        | 008 642 |
| 5   | Setscrew M16x50        | 023 235 |  |     | Cut cable 92x2,4mm         | 008 378 |
| 6   | Dowel pin 3x7          | 020 643 |  | 12  | Reusable tie ABV 232 320mm | 026 557 |
| 7   | Dowel pin 3x10         | 020 645 |  |     |                            |         |
| 8   | Dowel pin 3x12         | 020 647 |  |     |                            |         |
| 9   | Dowel pin 5x12         | 021 988 |  |     |                            |         |
| 10  | Dowel pin 5x18         | 022 622 |  |     |                            |         |



15.4 Mechanical parts

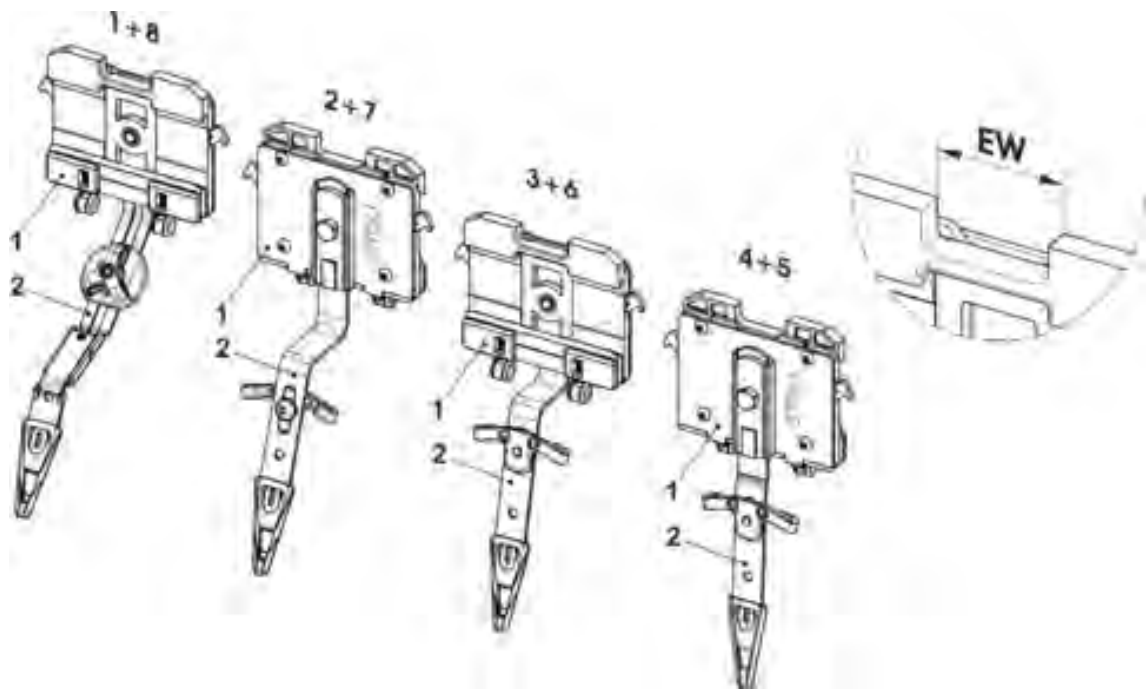
Notes:

## 16 Special attachments



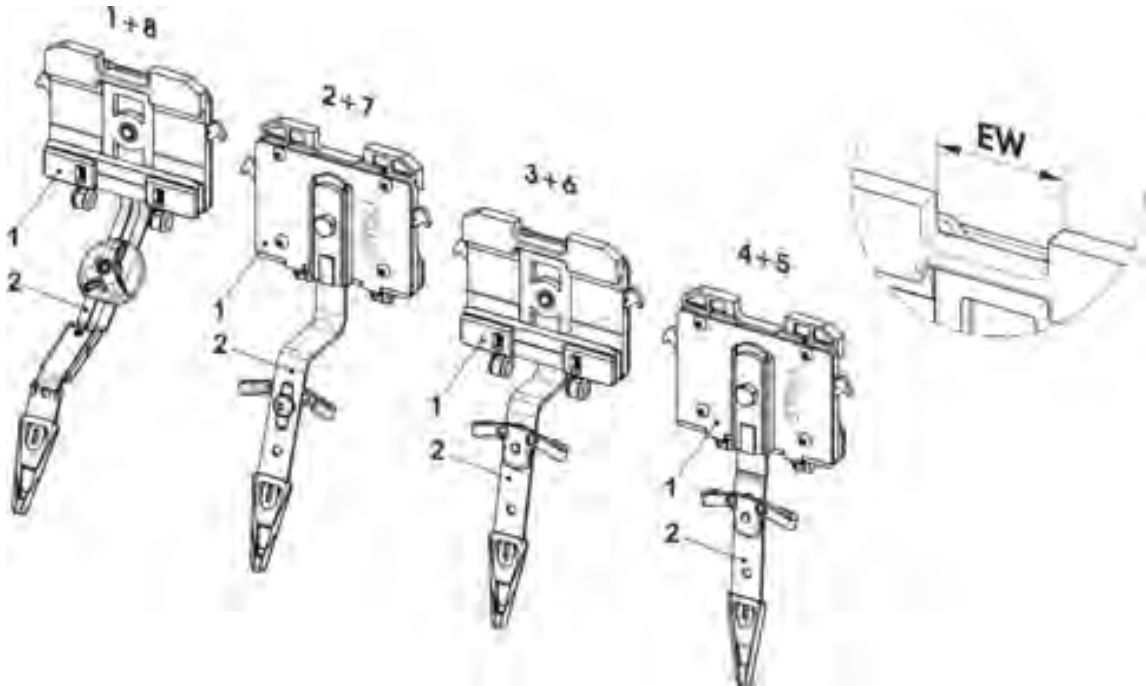
16.1 Yarn carrier type 2, E5 | E2,5.2 | E3,5.2 | E5.2

| Track | Pos | Designation                    | ID      |  | Track | Track |                                | ID      |
|-------|-----|--------------------------------|---------|--|-------|-------|--------------------------------|---------|
| 1+8   |     | FF carriage 1+8 complete EW 23 | 260 008 |  | 3+6   |       | FF carriage 3+6 complete EW 23 | 260 010 |
|       | 1   | FF carriage EW 23              | 258 326 |  |       | 1     | FF carriage EW 23              | 258 326 |
|       | 2   | FF bow 1+8 complete E5         | 259 935 |  |       | 2     | FF bow 3+6 complete E5         | 259 937 |
|       |     | FF carriage 1+8 complete EW 29 | 260 023 |  |       |       | FF carriage 3+6 complete EW 29 | 260 025 |
|       | 1   | FF carriage EW 29              | 259 034 |  |       | 1     | FF carriage EW 29              | 259 034 |
|       | 2   | FF bow 1+8 complete E5         | 259 935 |  |       | 2     | FF bow 3+6 complete E5         | 259 937 |
|       |     | FF carriage 1+8 complete EW 43 | 260 027 |  |       |       | FF carriage 3+6 complete EW 43 | 260 029 |
|       | 1   | FF carriage EW 43              | 259 923 |  |       | 1     | FF carriage EW 43              | 259 923 |
|       | 2   | FF bow 1+8 complete E5         | 259 935 |  |       | 2     | FF bow 3+6 complete E5         | 259 937 |
|       |     | FF carriage 1+8 complete EW 46 | 260 031 |  |       |       | FF carriage 3+6 complete EW 46 | 260 033 |
|       | 1   | FF carriage EW 46              | 258 912 |  |       | 1     | FF carriage EW 46              | 258 912 |
|       | 2   | FF bow 1+8 complete E5         | 259 935 |  |       | 2     | FF bow 3+6 complete E5         | 259 937 |
| 2+7   |     | FF carriage 2+7 complete EW 23 | 260 009 |  | 4+5   |       | FF carriage 4+5 complete EW 23 | 260 011 |
|       | 1   | FF carriage EW 23              | 258 326 |  |       | 1     | FF carriage EW 23              | 258 326 |
|       | 2   | FF bow 2+7 complete E5         | 259 936 |  |       | 2     | FF bow 4+5 complete E5         | 259 938 |
|       |     | FF carriage 2+7 complete EW 29 | 260 024 |  |       |       | FF carriage 4+5 complete EW 29 | 260 026 |
|       | 1   | FF carriage EW 29              | 259 034 |  |       | 1     | FF carriage EW 29              | 259 034 |
|       | 2   | FF bow 2+7 complete E5         | 259 936 |  |       | 2     | FF bow 4+5 complete E5         | 259 938 |
|       |     | FF carriage 2+7 complete EW 43 | 260 028 |  |       |       | FF carriage 4+5 complete EW 43 | 260 030 |
|       | 1   | FF carriage EW 43              | 259 923 |  |       | 1     | FF carriage EW 43              | 259 923 |
|       | 2   | FF bow 2+7 complete E5         | 259 936 |  |       | 2     | FF bow 4+5 complete E5         | 259 938 |
|       |     | FF carriage 2+7 complete EW 46 | 260 032 |  |       |       | FF carriage 4+5 complete EW 46 | 260 034 |
|       | 1   | FF carriage EW 46              | 258 912 |  |       | 1     | FF carriage EW 46              | 258 912 |
|       | 2   | FF bow 2+7 complete E5         | 259 936 |  |       | 2     | FF bow 4+5 complete E5         | 259 938 |



16.2 Yarn carrier type 2, E7 | E8 | E6.2

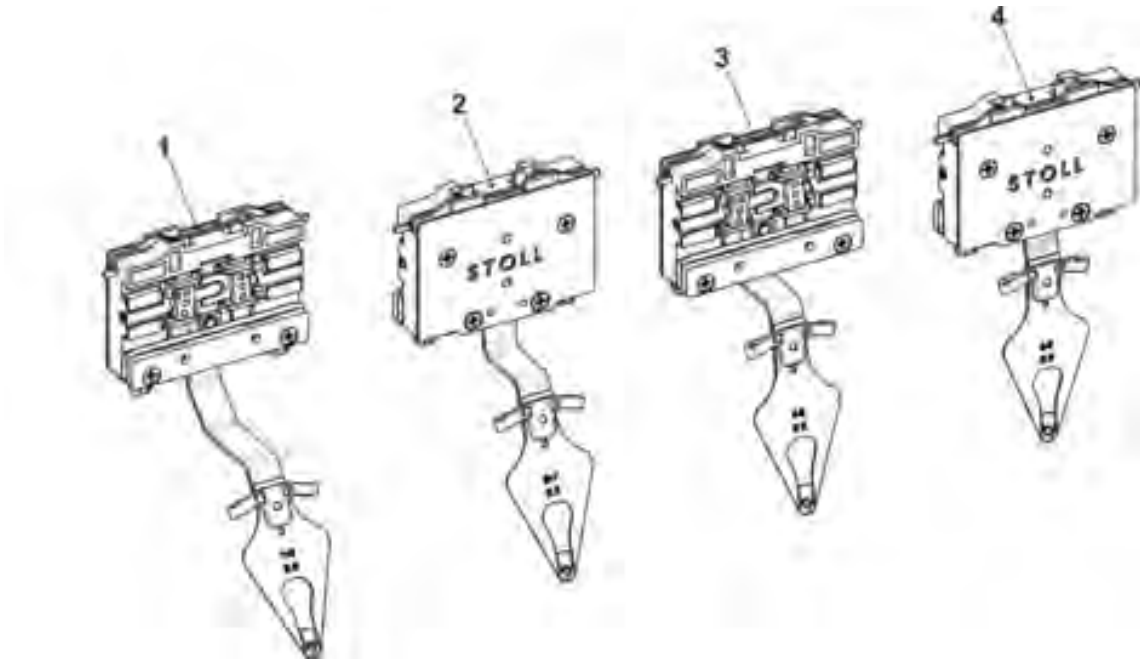
| Track | Pos | Designation                    | ID      |  | Track | Track |                                | ID      |
|-------|-----|--------------------------------|---------|--|-------|-------|--------------------------------|---------|
| 1+8   |     | FF carriage 1+8 complete EW 23 | 260 035 |  | 3+6   |       | FF carriage 3+6 complete EW 23 | 260 037 |
|       | 1   | FF carriage EW 23              | 258 326 |  |       | 1     | FF carriage EW 23              | 258 326 |
|       | 2   | FF bow 1+8 complete E7-8       | 259 939 |  |       | 2     | FF bow 3+6 complete E7-8       | 259 942 |
|       |     | FF carriage 1+8 complete EW 29 | 260 012 |  |       |       | FF carriage 3+6 complete EW 29 | 260 014 |
|       | 1   | FF carriage EW 29              | 259 034 |  |       | 1     | FF carriage EW 29              | 259 034 |
|       | 2   | FF bow 1+8 complete E7-8       | 259 939 |  |       | 2     | FF bow 3+6 complete E7-8       | 259 942 |
|       |     | FF carriage 1+8 complete EW 43 | 260 039 |  |       |       | FF carriage 3+6 complete EW 43 | 260 041 |
|       | 1   | FF carriage EW 43              | 259 923 |  |       | 1     | FF carriage EW 43              | 259 923 |
|       | 2   | FF bow 1+8 complete E7-8       | 259 939 |  |       | 2     | FF bow 3+6 complete E7-8       | 259 942 |
|       |     | FF carriage 1+8 complete EW 46 | 260 043 |  |       |       | FF carriage 3+6 complete EW 46 | 260 045 |
|       | 1   | FF carriage EW 46              | 258 912 |  |       | 1     | FF carriage EW 46              | 258 912 |
|       | 2   | FF bow 1+8 complete E7-8       | 259 939 |  |       | 2     | FF bow 3+6 complete E7-8       | 259 942 |
| 2+7   |     | FF carriage 2+7 complete EW 23 | 260 036 |  | 4+5   |       | FF carriage 4+5 complete EW 23 | 260 038 |
|       | 1   | FF carriage EW 23              | 258 326 |  |       | 1     | FF carriage EW 23              | 258 326 |
|       | 2   | FF bow 2+7 complete E7-8       | 259 941 |  |       | 2     | FF bow 4+5 complete E7-8       | 259 943 |
|       |     | FF carriage 2+7 complete EW 29 | 260 013 |  |       |       | FF carriage 4+5 complete EW 29 | 260 015 |
|       | 1   | FF carriage EW 29              | 259 034 |  |       | 1     | FF carriage EW 29              | 259 034 |
|       | 2   | FF bow 2+7 complete E7-8       | 259 941 |  |       | 2     | FF bow 4+5 complete E7-8       | 259 943 |
|       |     | FF carriage 2+7 complete EW 43 | 260 040 |  |       |       | FF carriage 4+5 complete EW 43 | 260 042 |
|       | 1   | FF carriage EW 43              | 259 923 |  |       | 1     | FF carriage EW 43              | 259 923 |
|       | 2   | FF bow 2+7 complete E7-8       | 259 941 |  |       | 2     | FF bow 4+5 complete E7-8       | 259 943 |
|       |     | FF carriage 2+7 complete EW 46 | 260 044 |  |       |       | FF carriage 4+5 complete EW 46 | 260 046 |
|       | 1   | FF carriage EW 46              | 258 912 |  |       | 1     | FF carriage EW 46              | 258 912 |
|       | 2   | FF bow 2+7 complete E7-8       | 259 941 |  |       | 2     | FF bow 4+5 complete E7-8       | 259 943 |



16.3 Complete intarsia yarn carriers type 2

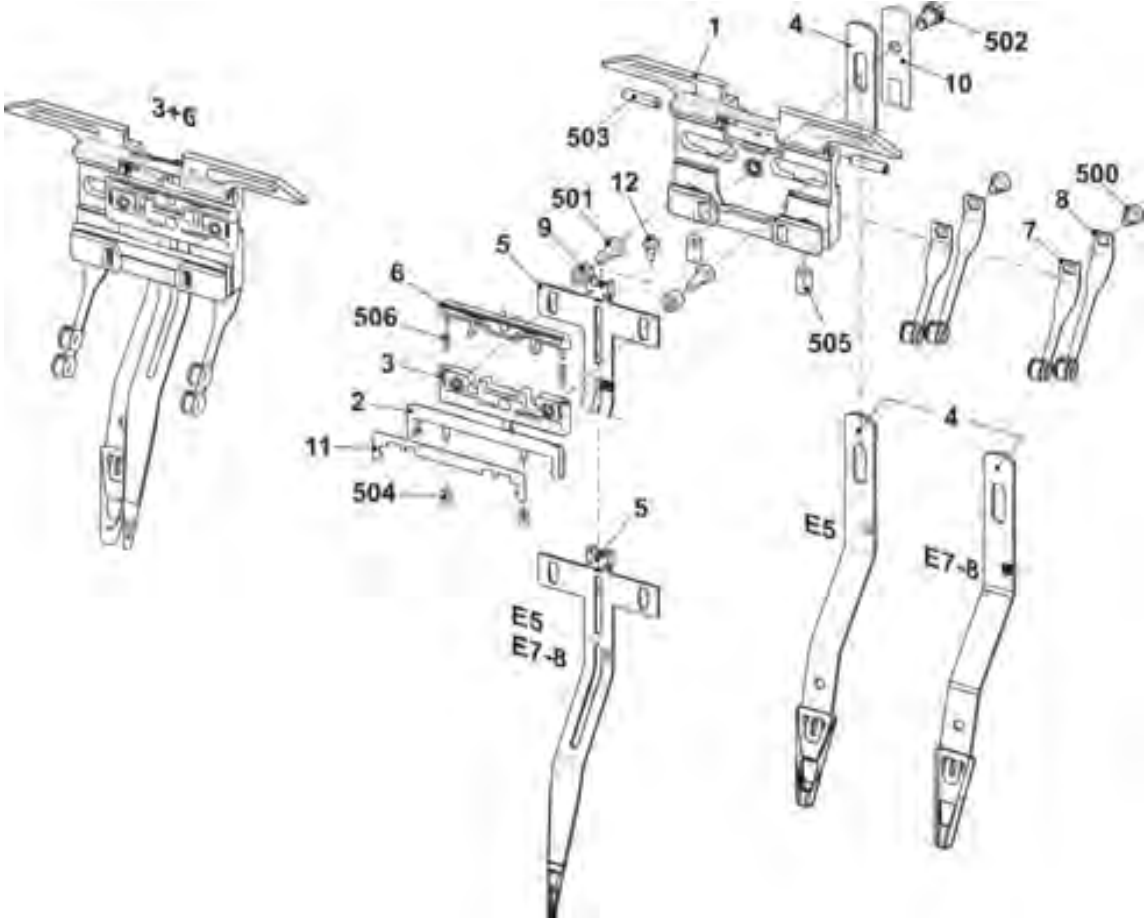
16.3 Complete intarsia yarn carriers type 2

| Designation           | Gauge                | Track | Pos | ID      |  | Designation           | Gauge    | Track | Pos | ID      |
|-----------------------|----------------------|-------|-----|---------|--|-----------------------|----------|-------|-----|---------|
| IFF carriage complete | E5<br>E3,5.2<br>E5.2 | 1   8 | 1   | 250 319 |  | IFF carriage complete | E7<br>E8 | 1   8 | 1   | 250 323 |
|                       |                      | 2   7 | 2   | 250 320 |  |                       |          | 2   7 | 2   | 250 324 |
|                       |                      | 3   6 | 3   | 250 321 |  |                       |          | 3   6 | 3   | 250 325 |
|                       |                      | 4   5 | 4   | 250 322 |  |                       |          | 4   5 | 4   | 250 326 |



16.4 Plating yarn carrier 3+6

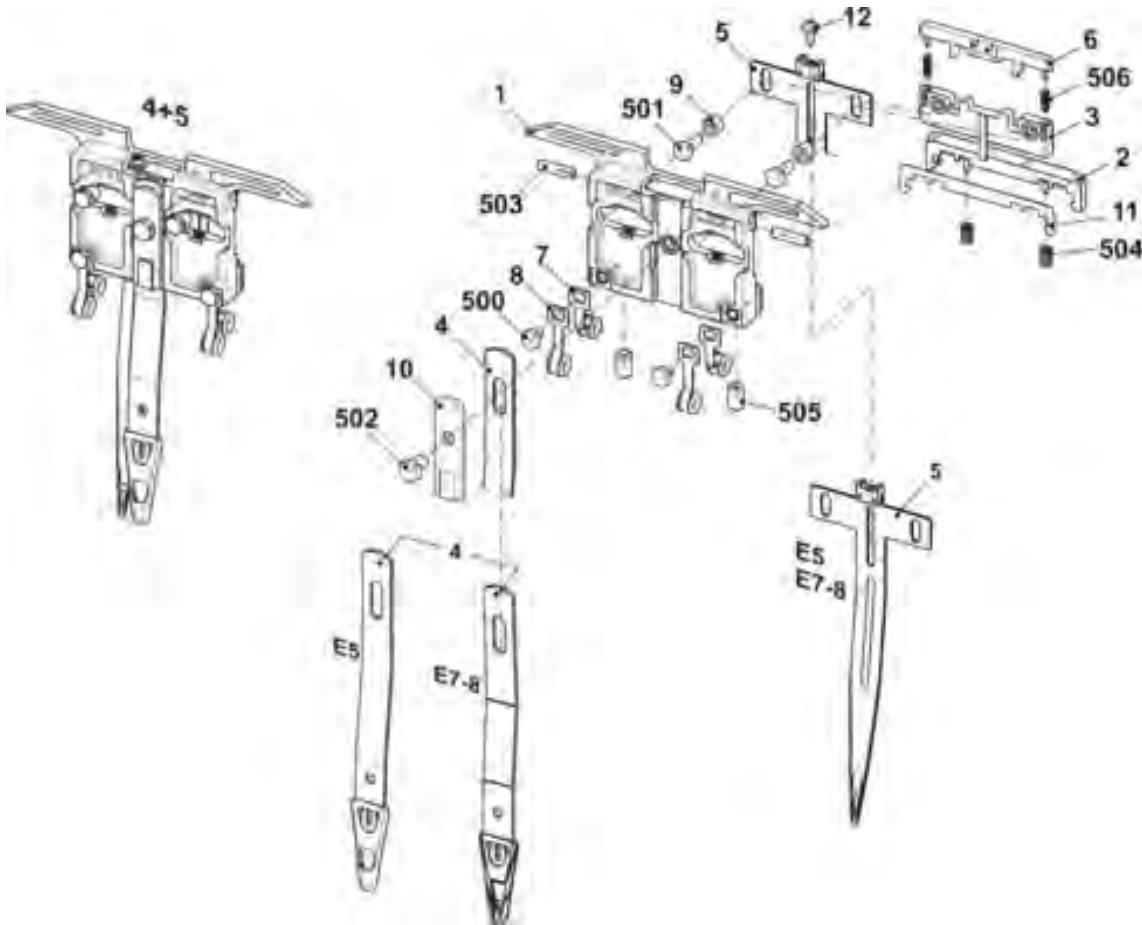
| Pos | Designation                                | ID      |  | Pos | Designation            | ID      |
|-----|--------------------------------------------|---------|--|-----|------------------------|---------|
| Σ   | Plating yarn carrier carriage 3+6 complete |         |  | 8   | Eyelet holder complete | 252 824 |
|     | E5   E2,5.2   E3,5.2   E5.2                | 252 782 |  | 9   | Distance bushing       | 252 796 |
|     | E7   E8                                    | 252 784 |  | 10  | Shim                   | 213 035 |
| 1   | Plating yarn carrier carriage              | 252 806 |  | 11  | Shim                   | 216 143 |
| 2   | Sliding piece                              | 212 583 |  | 12  | Adjusting screw        | 253 436 |
| 3   | Slider                                     | 252 798 |  | 500 | Hexagon screw M4x5     | 243 779 |
| 4   | Plating yarn carrier bow 3+6               |         |  | 501 | Hexagon screw M4x10    | 020 346 |
|     | E5                                         | 252 820 |  | 502 | Hexagon screw          | 252 832 |
|     | E7-8                                       | 252 821 |  | 503 | Setscrew M4x16         | 254 196 |
| 5   | Plating yarn carrier bow 3+6 E5-8          | 252 800 |  | 504 | Compression spring     | 021 399 |
| 6   | Sliding piece                              | 252 797 |  | 505 | Threaded bolt          | 213 399 |
| 7   | Eyelet holder complete                     | 252 825 |  | 506 | Compression spring     | 253 058 |



16.5 Plating yarn carrier 4+5

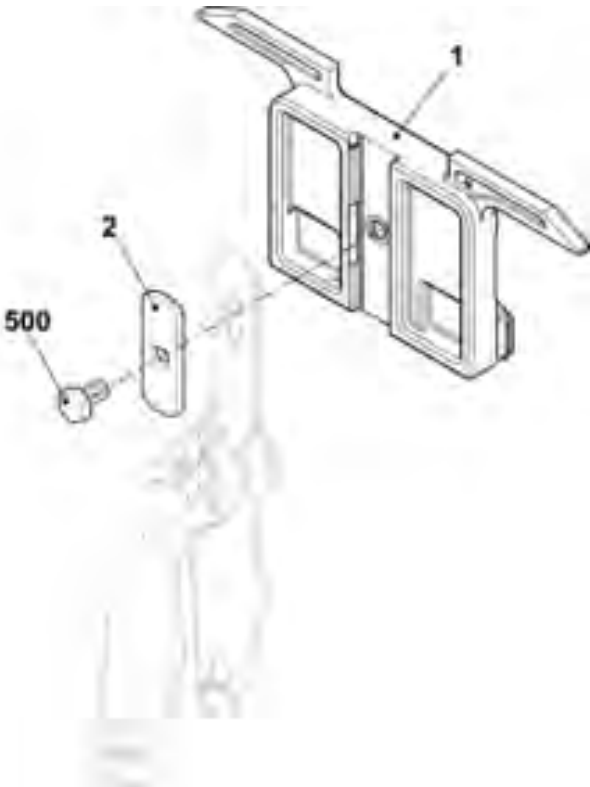
16.5 Plating yarn carrier 4+5

| Pos | Designation                                | ID      | Pos | Designation            | ID      |
|-----|--------------------------------------------|---------|-----|------------------------|---------|
| Σ   | Plating yarn carrier carriage 4+5 complete |         | 8   | Eyelet holder complete | 252 816 |
|     | E5   E2,5.2   E3,5.2   E5.2                | 252 781 | 9   | Distance bushing       | 252 796 |
|     | E7   E8                                    | 252 783 | 10  | Shim                   | 213 035 |
| 1   | Plating yarn carrier carriage              | 252 806 | 11  | Shim                   | 216 143 |
| 2   | Sliding piece                              | 212 583 | 12  | Adjusting screw        | 253 436 |
| 3   | Slider                                     | 252 798 | 500 | Hexagon screw M4x5     | 243 779 |
| 4   | Plating yarn carrier bow 4+5               |         | 501 | Hexagon screw M4x10    | 020 346 |
|     | E5                                         | 252 790 | 502 | Hexagon screw          | 252 832 |
|     | E7-8                                       | 252 791 | 503 | Setscrew M4x16         | 254 196 |
| 5   | Plating yarn carrier bow 4+5 E5-8          | 252 799 | 504 | Compression spring     | 021 399 |
| 6   | Sliding piece                              | 252 797 | 505 | Threaded bolt          | 213 399 |
| 7   | Eyelet holder complete                     | 252 815 | 506 | Compression spring     | 253 058 |



16.6 Carriage of plating yarn carrier (46 mm)

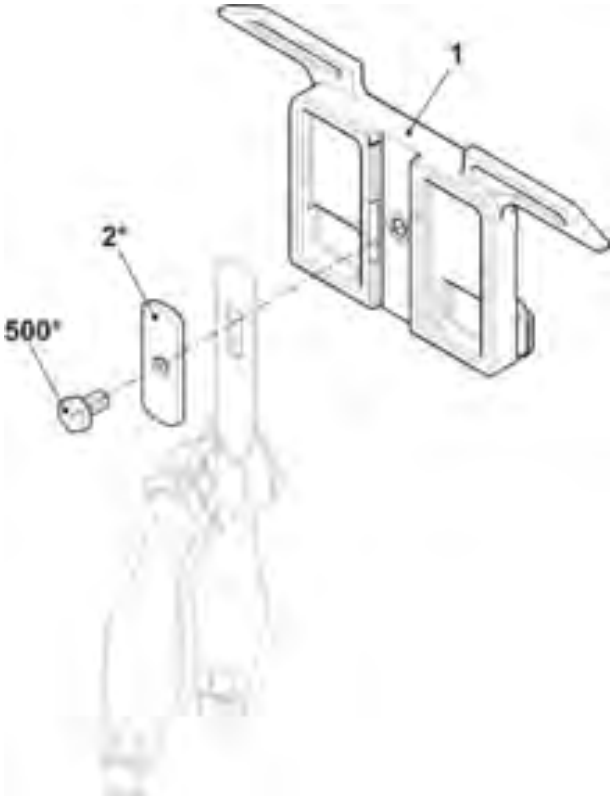
| Pos | Designation             | ID      |  | Pos | Designation         | ID      |
|-----|-------------------------|---------|--|-----|---------------------|---------|
| Σ   | Plating yarn carrier E3 | 244 998 |  | 2   | Shim                | 213 035 |
| 1   | FF carriage MW46        | 244 253 |  | 500 | Hexagon screw M5x10 | 020 351 |



16.7 Carriage of plating yarn carrier (43 mm)

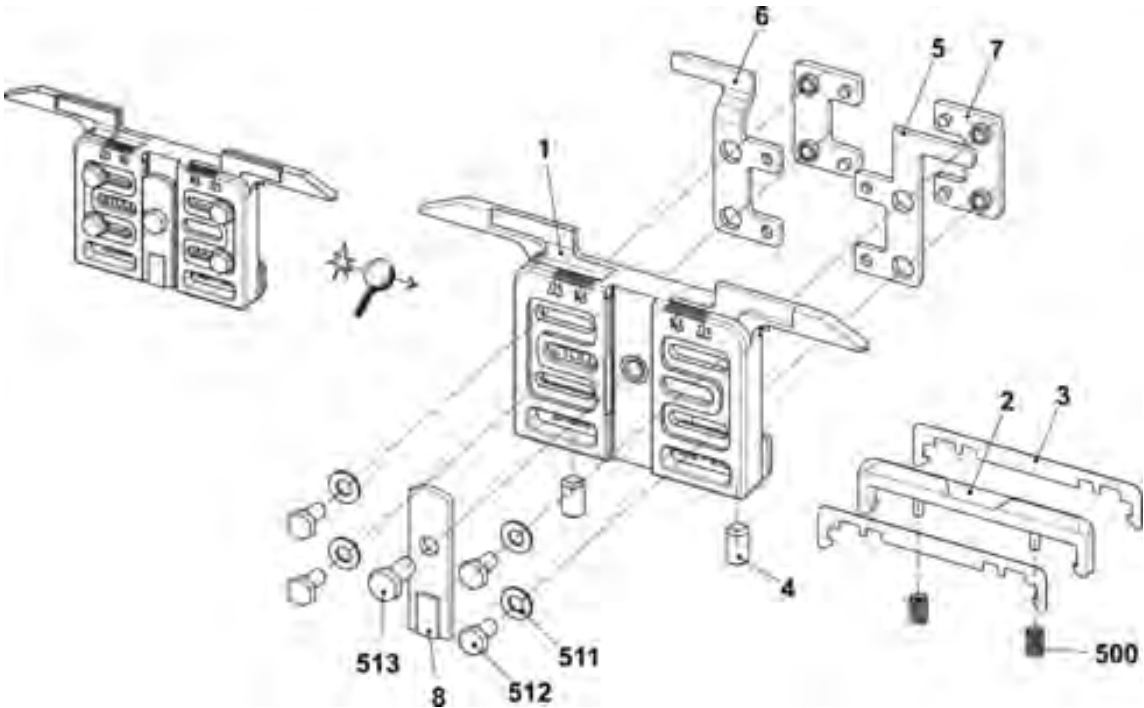
16.7 Carriage of plating yarn carrier (43 mm)

| Pos | Designation                        | Id      |  | Pos  | Designation         | Id      |
|-----|------------------------------------|---------|--|------|---------------------|---------|
| 1   | Plating FF carriage complete EW 43 | 257 241 |  |      |                     |         |
| 2*  | Shim                               | 213 035 |  | 500* | Hexagon screw M5x10 | 020 351 |



16.8 Carriage of plating yarn carrier (adjustable)

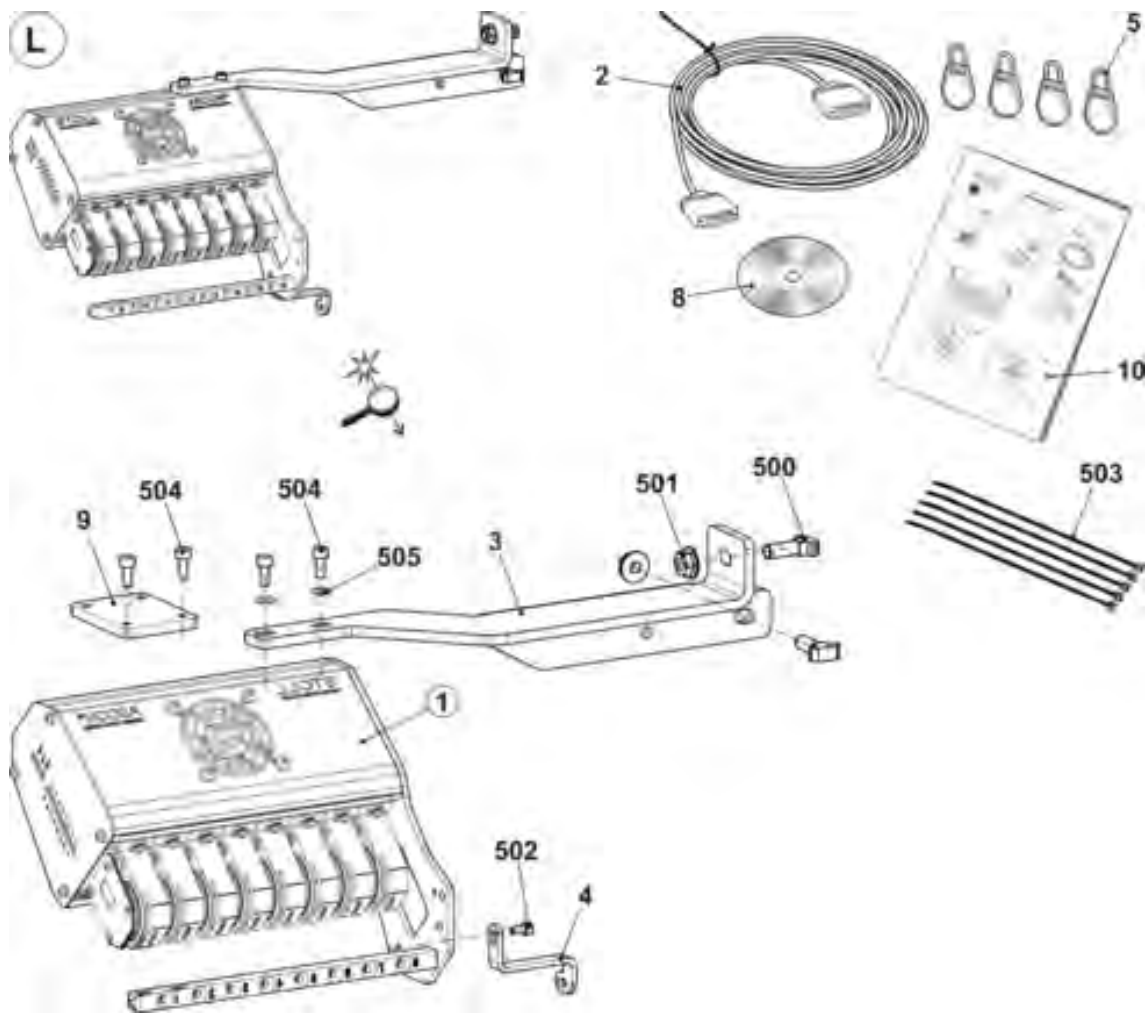
| Pos | Designation                            | Id      |  | Pos | Designation         | Id      |
|-----|----------------------------------------|---------|--|-----|---------------------|---------|
| Σ   | Plating yarn carrier carriage complete | 251 867 |  |     |                     |         |
| 1   | Carriage of yarn carrier               | 251 864 |  | 7   | Guide part          | 253 226 |
| 2   | Sliding piece                          | 212 583 |  | 8   | Shim                | 213 035 |
| 3   | Shim                                   | 216 143 |  | 500 | Compression spring  | 021 399 |
| 4   | Threaded bolt                          | 213 399 |  | 511 | Washer4             | 022 481 |
| 5   | Insert on the right                    | 251 866 |  | 512 | Hexagon screw M4x8  | 022 461 |
| 6   | Insert on the left                     | 251 865 |  | 513 | Hexagon screw M5x10 | 020 351 |
|     |                                        |         |  |     |                     |         |
|     |                                        |         |  |     |                     |         |
|     |                                        |         |  |     |                     |         |



16.9 Yarn length measuring device on the left complete

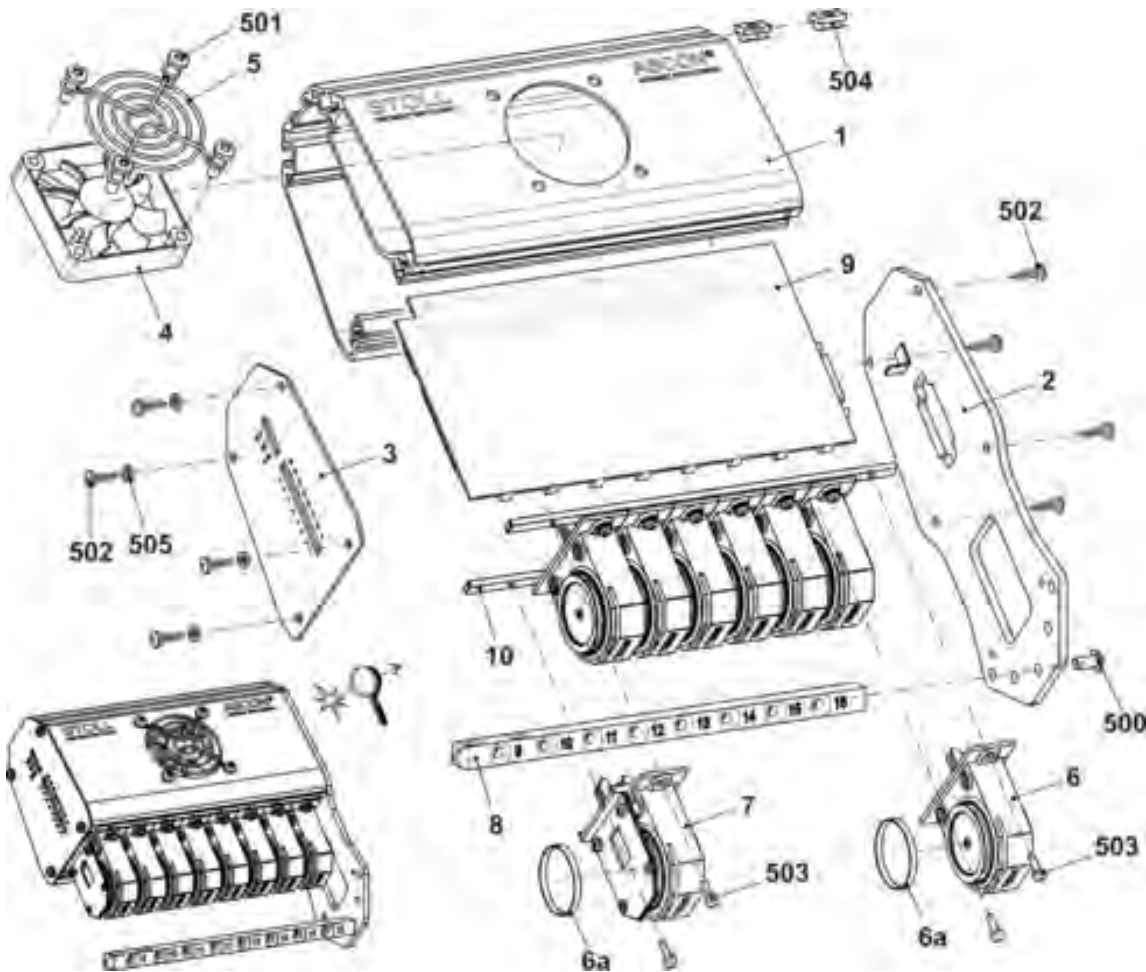
16.9 Yarn length measuring device on the left complete

| Pos | Designation                                       | Id      |  | Pos | Designation                              | Id      |
|-----|---------------------------------------------------|---------|--|-----|------------------------------------------|---------|
| Σ   | Yarn length measuring device on the left complete | 257 600 |  |     |                                          |         |
| 1   | Yarn length measuring device on the left complete | 257 283 |  | 10  | Operating instructions of ASCON assembly | 259 381 |
| 2   | Cable ASCON                                       | 257 239 |  | 500 | T-head bolt M8x25                        | 022 866 |
| 3   | Support on the left                               | 257 122 |  | 501 | Serrated nut M8-10                       | 023 026 |
| 4   | Connecting lug on the left                        | 257 137 |  | 502 | Cap screwM4x8                            | 022 501 |
| 5   | Adjustment weight                                 | 212 241 |  | 503 | Cable tape 302x4,8                       | 008 642 |
| 8   | DVD with operating instructions                   | 258 391 |  | 504 | Cap screwM5x12                           | 020 132 |
| 9   | Holding plate                                     | 258 386 |  | 505 | Washer5                                  | 020 871 |



16.9.1 Yarn length measuring device

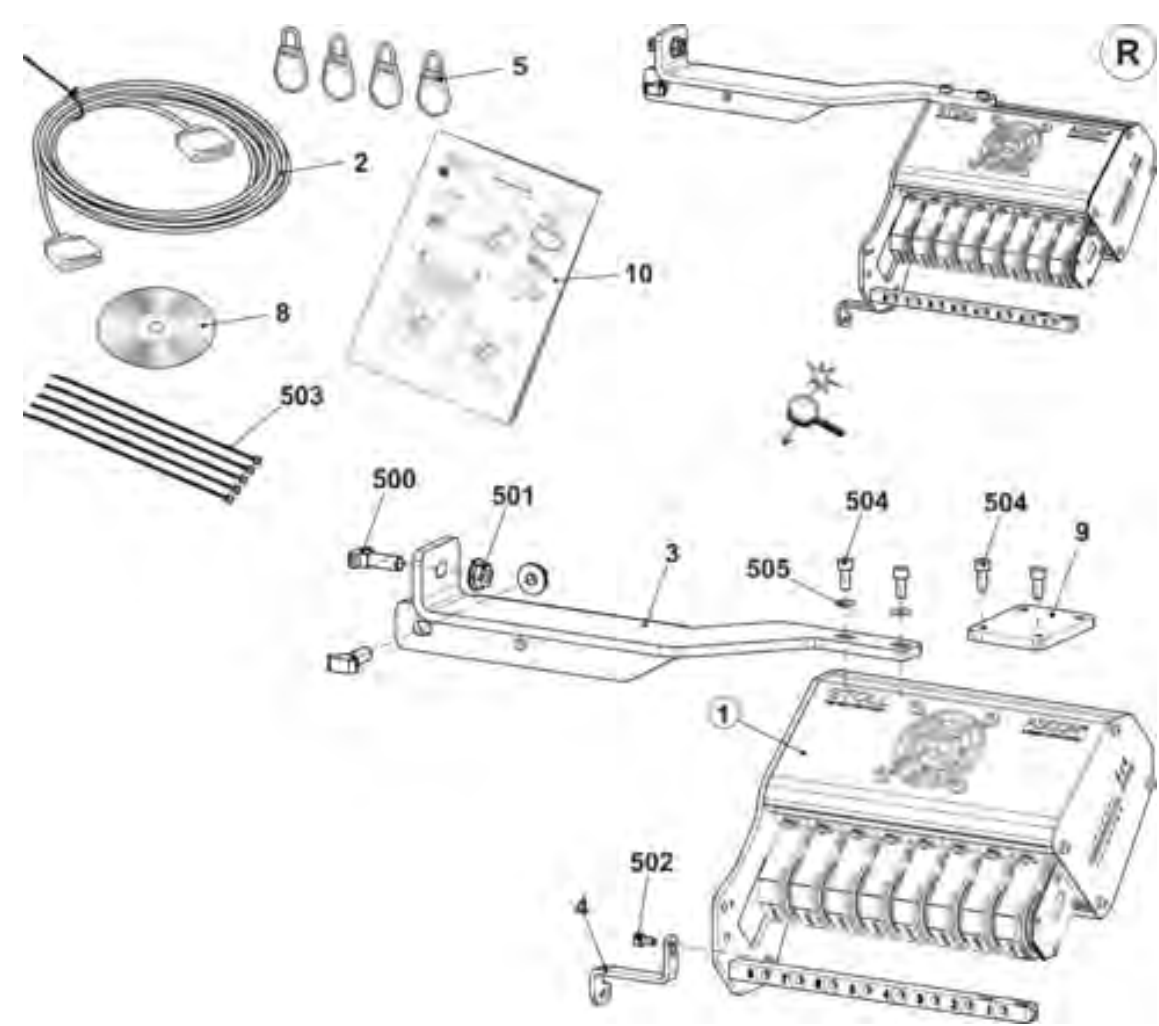
| Pos | Designation                                       | Id      |  | Pos | Designation                       | Id      |
|-----|---------------------------------------------------|---------|--|-----|-----------------------------------|---------|
| Σ   | Yarn length measuring device on the left complete | 257 283 |  | 8   | Yarn guide rod                    | 257 139 |
| 1   | Housing                                           | 257 281 |  | 9   | Card Ascon                        | 255 000 |
| 2   | Support                                           | 257 278 |  | 10  | Threaded strip                    | 257 138 |
| 3   | Cover                                             | 257 273 |  | 500 | Pan-head screw M5x10              | 023 247 |
| 4   | Fan with plug                                     | 257 048 |  | 501 | Screw 50x15                       | 251 728 |
| 5   | Protective grid fan Servo5                        | 229 142 |  | 502 | Sheet metal screw ST3,5x13        | 022 940 |
| 6   | Sensor                                            | 211 354 |  | 503 | Oval head screw with washer M3x10 | 023 380 |
| 6a  | Rubber running ring                               | 258 582 |  | 504 | Spring nut M5                     | 022 873 |
| 7   | Sensor complete                                   | 212 406 |  | 505 | Serrated lock washer J3,7         | 022 554 |



16.10 Yarn length measuring device on the right complete

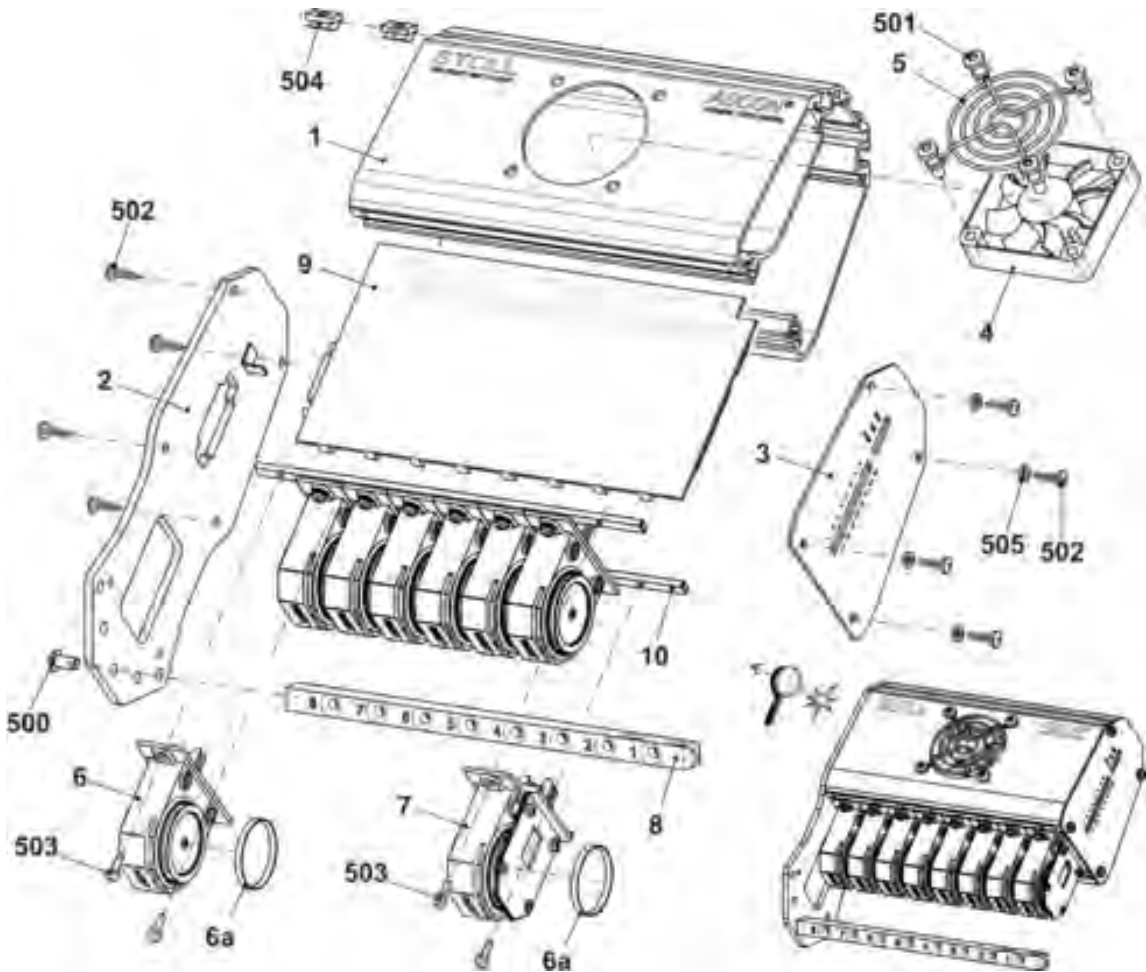
16.10 Yarn length measuring device on the right complete

| Pos | Designation                                        | Id      |  | Pos | Designation                              | Id      |
|-----|----------------------------------------------------|---------|--|-----|------------------------------------------|---------|
| Σ   | Yarn length measuring device on the right complete | 257 599 |  |     |                                          |         |
| 1   | Yarn length measuring device on the right complete | 257 282 |  | 6   | Operating instructions of ASCON assembly | 259 381 |
| 2   | Cable ASCON                                        | 257 239 |  | 500 | T-head bolt M8x25                        | 022 866 |
| 3   | Support right                                      | 257 121 |  | 501 | Serrated nut M8-10                       | 023 026 |
| 4   | Connecting lug on the right                        | 257 136 |  | 502 | Cap screwM4x8                            | 022 501 |
| 5   | Adjustment weight                                  | 212 241 |  | 503 | Cable tape 302x4,8                       | 008 642 |
| 8   | DVD with operating instructions                    | 258 391 |  | 504 | Cap screwM5x12                           | 020 132 |
| 9   | Holding plate                                      | 258 386 |  | 505 | Washer5                                  | 020 871 |



16.10.1 Yarn length measuring device on the right

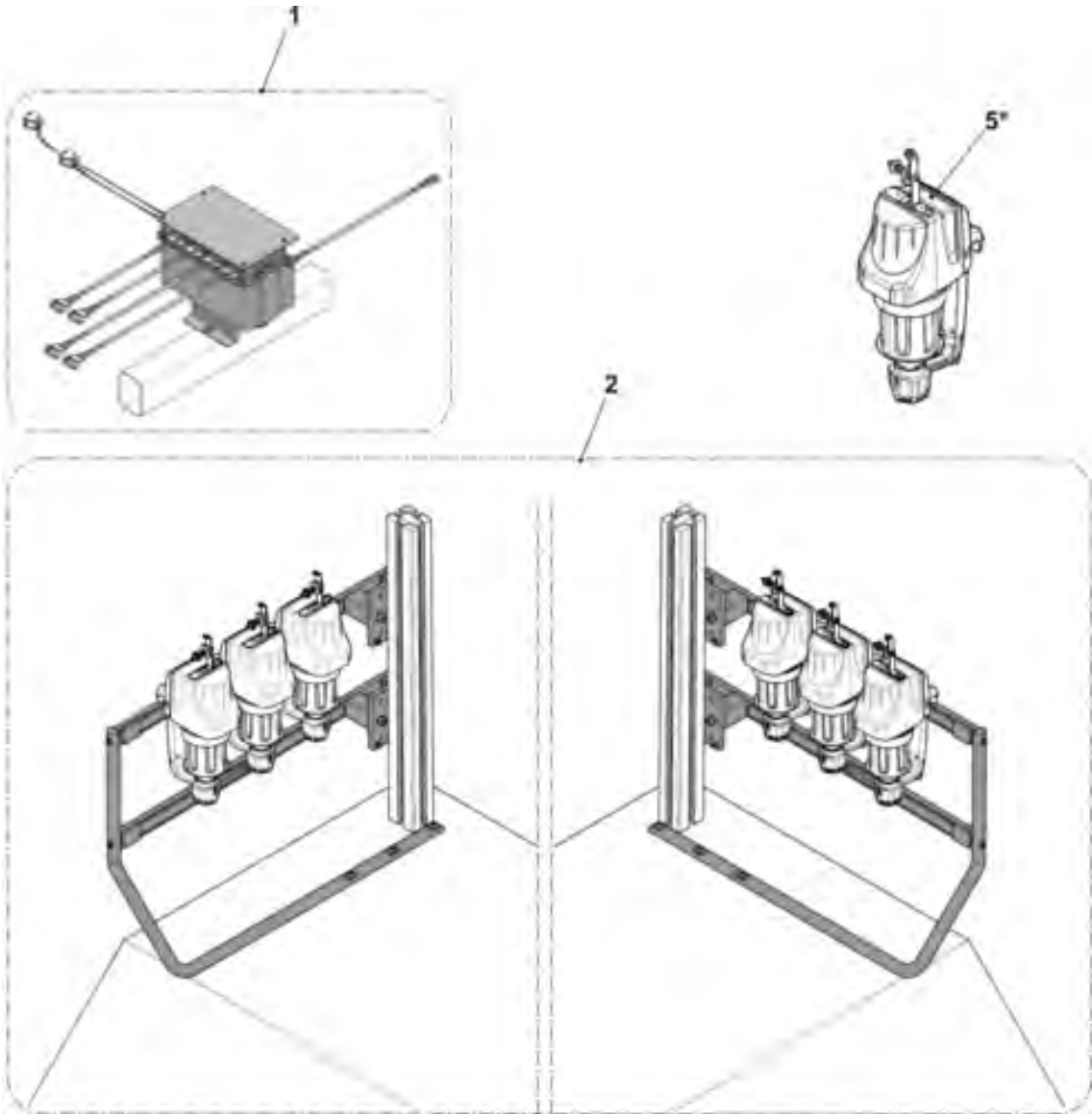
| Pos | Designation                                        |                     | Id      |  | Pos | Designation                       |  | Id      |
|-----|----------------------------------------------------|---------------------|---------|--|-----|-----------------------------------|--|---------|
| Σ   | Yarn length measuring device on the right complete |                     | 257 282 |  | 8   | Yarn guide rod                    |  | 257 139 |
| 1   | Housing                                            |                     | 257 281 |  | 9   | Card Ascon                        |  | 255 000 |
| 2   | Support                                            |                     | 257 278 |  | 10  | Threaded strip                    |  | 257 138 |
| 3   | Cover                                              |                     | 257 273 |  | 500 | Pan-head screw M5x10              |  | 023 247 |
| 4   | Fan with plug                                      |                     | 257 048 |  | 501 | Screw 50x15                       |  | 251 728 |
| 5   | Protective grid fan Servo5                         |                     | 229 142 |  | 502 | Sheet metal screw ST3,5x13        |  | 022 940 |
| 6   | Sensor                                             |                     | 211 354 |  | 503 | Oval head screw with washer M3x10 |  | 023 380 |
|     | 6a                                                 | Rubber running ring | 258 582 |  | 504 | Spring nut M5                     |  | 022 873 |
| 7   | Sensor complete                                    |                     | 212 406 |  | 505 | Serrated lock washer J3,7         |  | 022 554 |



16.11 Storage feed wheel MSF 2

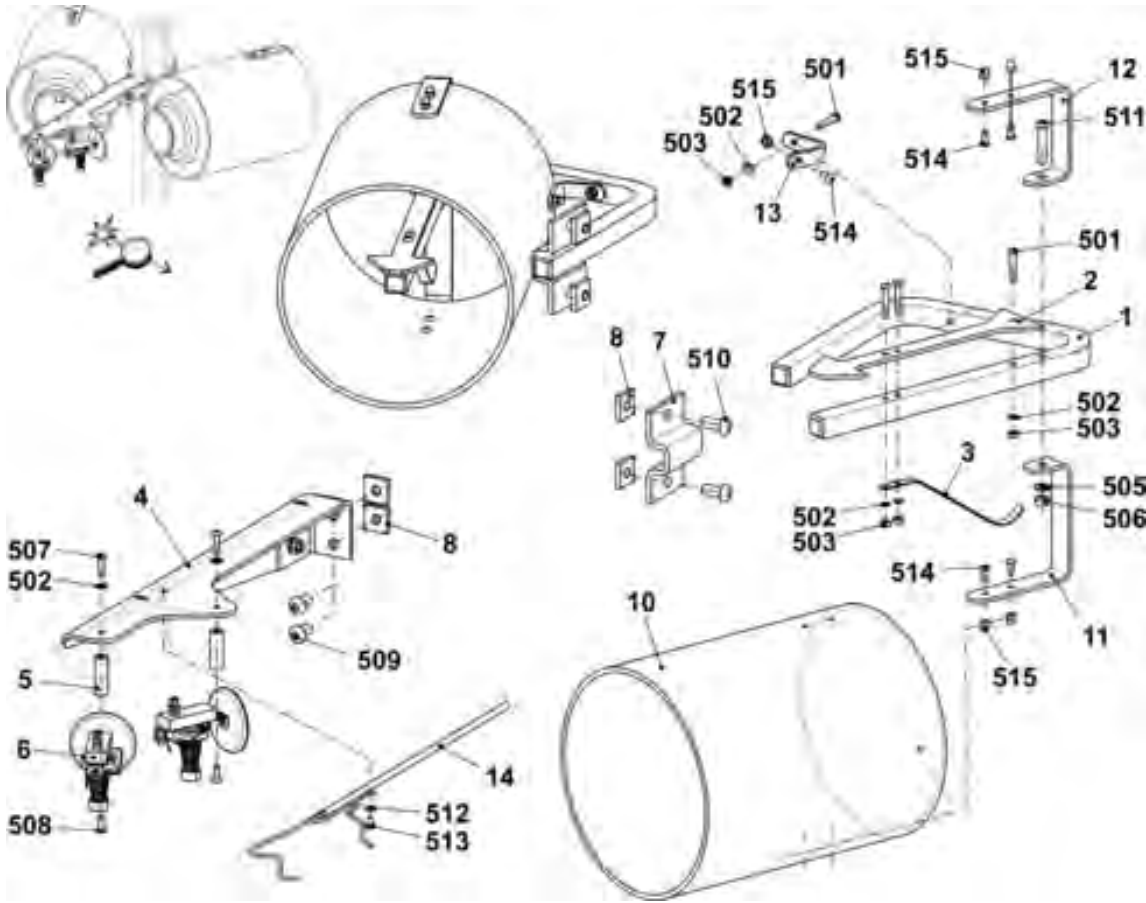
16.11 Storage feed wheel MSF 2

| Pos | Designation                             | ID      | Note                                                                                                                                                                                                                                                                                                                    |
|-----|-----------------------------------------|---------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Σ   | Attachment set storage feed wheel MSF-2 | 259 575 | Please order the MSF-2 spare parts at:<br>MEMMINGER-IRO GMBH<br>Jakob-Mutz-Strasse 7<br>D-72280 Dornstetten<br>Tel.: +49 (0)7443 281-0<br>Fax: +49 (0)7443 281-101<br><br>The item no. and the designation for the MSF-2 spare parts can be found in the enclosed assembling instructions of the company MEMMINGER-IRO. |
| 1   | Transformer MSF-2 with cable            | 259 611 |                                                                                                                                                                                                                                                                                                                         |
| 2   | Mounted set MSF-2 without transformer   | 259 612 |                                                                                                                                                                                                                                                                                                                         |
| 5*  | Storage feed wheelMSF-2                 | 259 604 |                                                                                                                                                                                                                                                                                                                         |
|     |                                         |         |                                                                                                                                                                                                                                                                                                                         |



16.12 Bobbin holder on the left

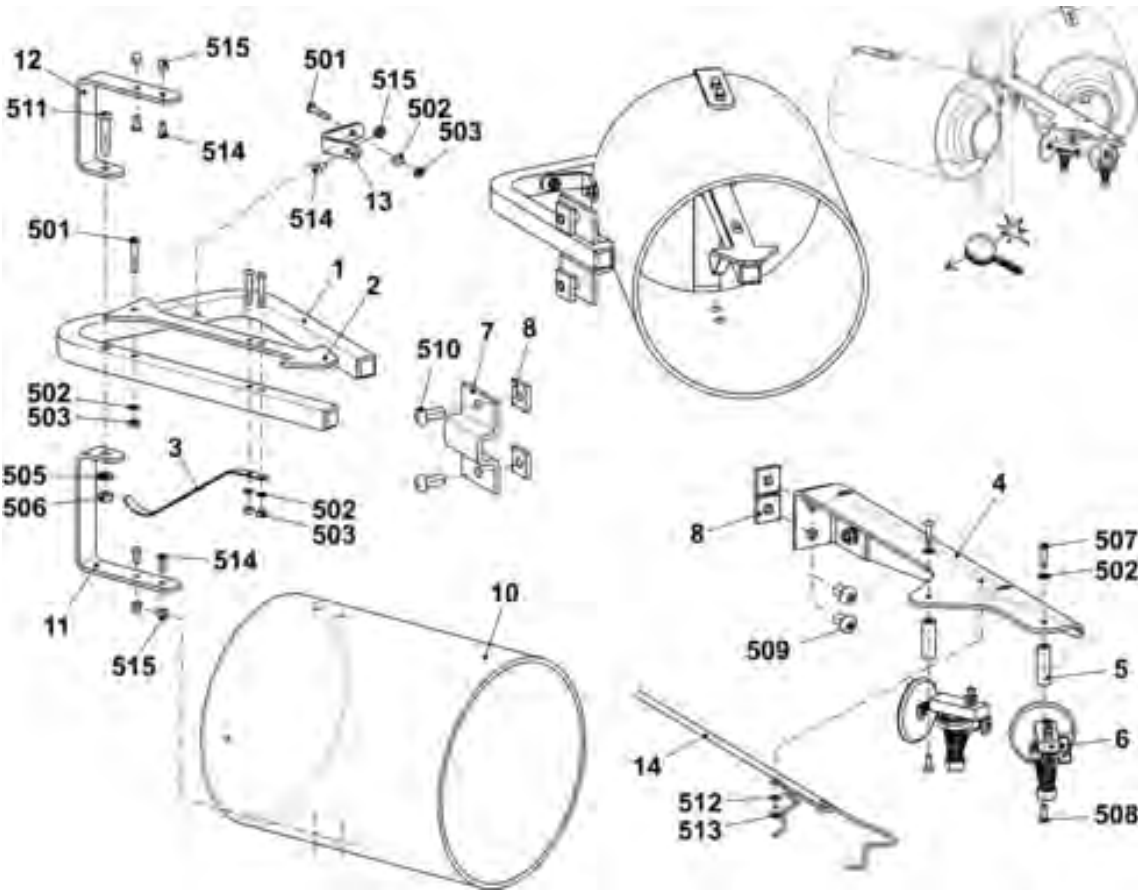
| Pos | Designation               | ID      | Pos | Designation               | ID      |
|-----|---------------------------|---------|-----|---------------------------|---------|
| Σ   | Bobbin holder on the left | 253 965 | 501 | Pan-head screwM4x25       | 023 511 |
| 1   | Support                   | 253 969 | 502 | Washer4                   | 022 481 |
| 2   | Support                   | 252 769 | 503 | Hexagon nut M4-6          | 022 536 |
| 3   | Leaf spring               | 253 350 | 505 | Washer6                   | 022 431 |
| 4   | Support on the left       | 253 347 | 506 | Hexagon nut M6-6          | 022 899 |
| 5   | Spacer                    | 253 349 | 507 | Pan-head screwM4x16       | 023 412 |
| 6   | Yarn detector Massardi    | 226 964 | 508 | Pan-head screw M4x12      | 023 062 |
| 7   | Clamp                     | 228 583 | 509 | Pan-head screwM8x16       | 023 113 |
| 8   | Slot nut                  | 228 851 | 510 | Pan-head screwM8x18       | 251 331 |
| 10  | Cover                     | 253 968 | 511 | Pan-head screwM6x30       | 023 451 |
| 11  | Holding angle             | 253 964 | 512 | Serrated lock washer A4,3 | 022 482 |
| 12  | Holding angle             | 253 963 | 513 | Pan-head screwM4x6        | 022 946 |
| 13  | Holding angle             | 253 967 | 514 | Pan-head screwM4x10       | 023 450 |
| 14  | Cable plating             | 253 468 | 515 | Cap nut M4-6              | 253 805 |



16.13 Bobbin holder on the right

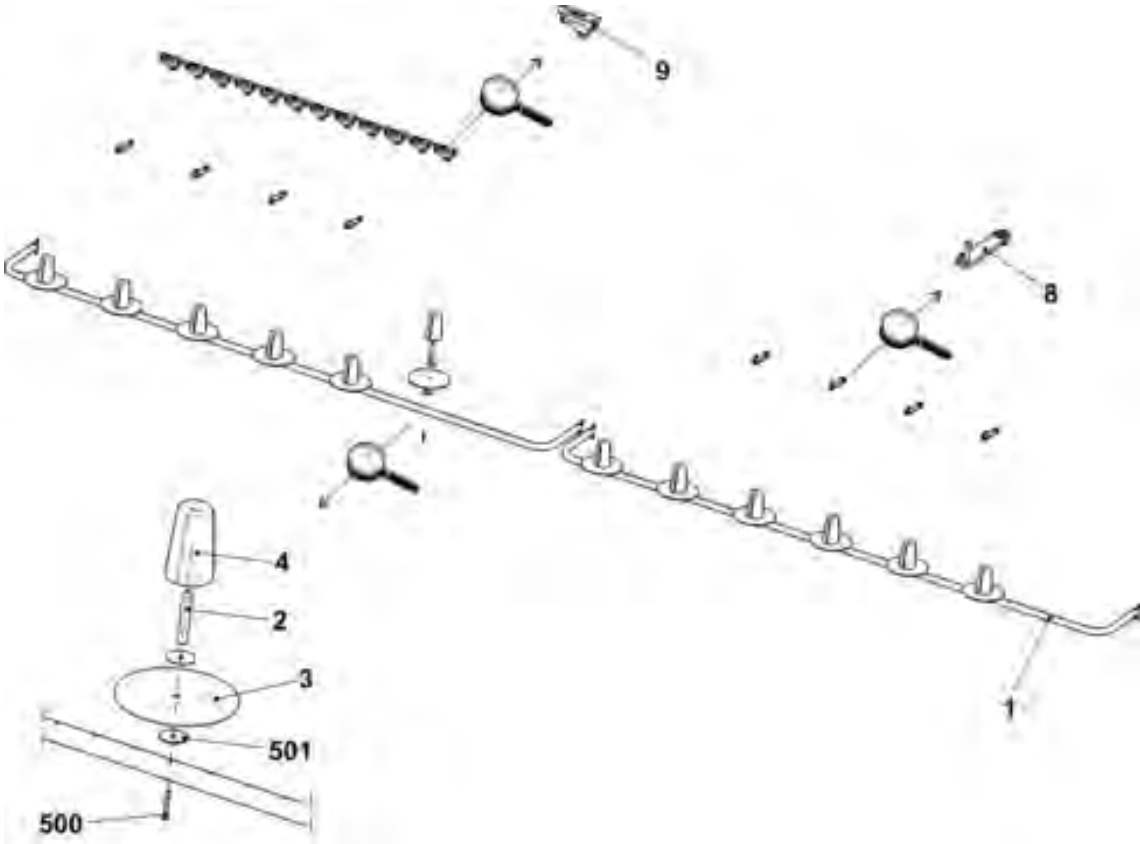
16.13 Bobbin holder on the right

| Pos | Designation                | ID      |  | Pos | Designation               | ID      |
|-----|----------------------------|---------|--|-----|---------------------------|---------|
| Σ   | Bobbin holder on the right | 253 966 |  | 501 | Pan-head screwM4x25       | 023 511 |
| 1   | Support                    | 253 969 |  | 502 | Washer4                   | 022 481 |
| 2   | Support                    | 252 769 |  | 503 | Hexagon nut M4-6          | 022 536 |
| 3   | Leaf spring                | 253 350 |  | 505 | Washer6                   | 022 431 |
| 4   | Support right              | 253 348 |  | 506 | Hexagon nut M6-6          | 022 899 |
| 5   | Spacer                     | 253 349 |  | 507 | Pan-head screwM4x16       | 023 412 |
| 6   | Yarn detector Massardi     | 226 964 |  | 508 | Pan-head screw M4x12      | 023 062 |
| 7   | Clamp                      | 228 583 |  | 509 | Pan-head screwM8x16       | 023 113 |
| 8   | Slot nut                   | 228 851 |  | 510 | Pan-head screwM8x18       | 251 331 |
| 10  | Cover                      | 253 968 |  | 511 | Pan-head screwM6x30       | 023 451 |
| 11  | Holding angle              | 253 964 |  | 512 | Serrated lock washer A4,3 | 022 482 |
| 12  | Holding angle              | 253 963 |  | 513 | Pan-head screwM4x6        | 022 946 |
| 13  | Holding angle              | 253 967 |  | 514 | Pan-head screwM4x10       | 023 450 |
| 14  | Cable plating              | 253 468 |  | 515 | Cap nut M4-6              | 253 805 |



16.14 Additional board at the bottom

| Pos | Designation                    | Id      |  | Pos | Designation          | Id      |
|-----|--------------------------------|---------|--|-----|----------------------|---------|
| Σ   | Zusatztisch 8XX unten          | 253 646 |  |     |                      |         |
| 1   | Additional bobbin board welded | 253 472 |  | 8   | Yarn guide           | 243 765 |
| 2   | Positioning pin                | 202 777 |  | 9   | Yarn guide bracket   | 241 581 |
| 3   | DiskD=130                      | 062 385 |  | 500 | Pan-head screw M4x30 | 023 681 |
| 4   | Bobbin support                 | 200 363 |  | 501 | Washer5,3x30x1,25    | 023 556 |

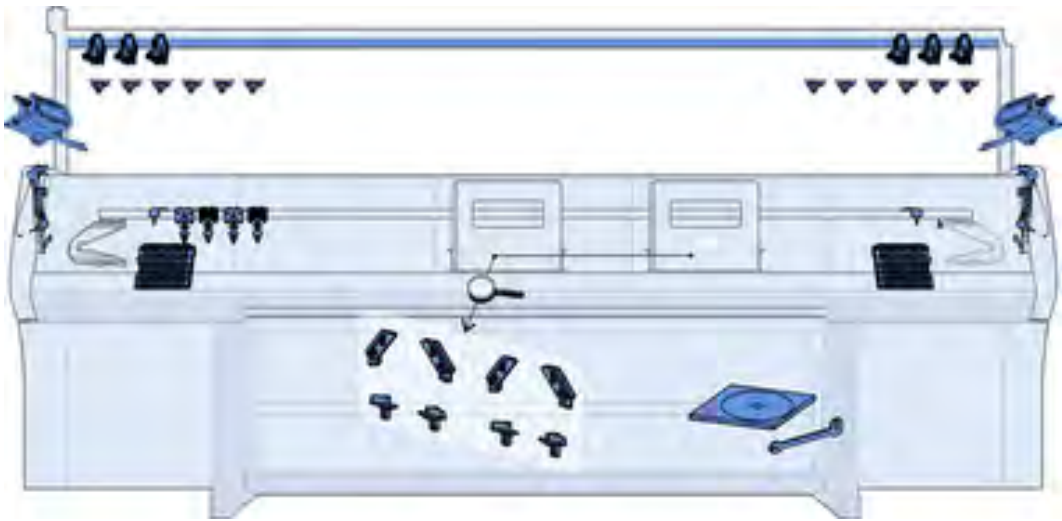


16.14 Additional board at the bottom

Notes:

# 17 Conversion kit with 24 and 32 IFF Type 2

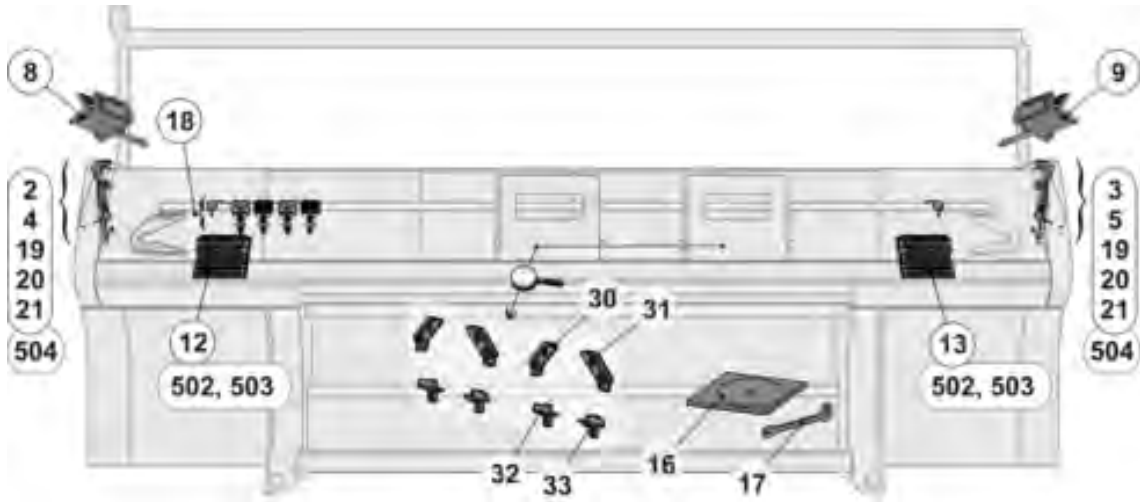
|         | Designation                                              | ID      |
|---------|----------------------------------------------------------|---------|
| 24 IFF: | Conversion kit 24 IFF Type 2 E5   E2,5.2   E3,5.2   E5.2 | 257 456 |
|         | Conversion kit 24 IFF Type 2 E7   E8                     | 257 457 |
| 32 IFF: | Conversion kit 32 IFF Type 2 E5   E2,5.2   E3,5.2   E5.2 | 256 991 |
|         | Conversion kit 32 IFF Type 2 E7   E8                     | 257 387 |



17.1 Overview of conversion kit (24 IFF) E5 | E2,5.2 | E3,5.2 | E5.2

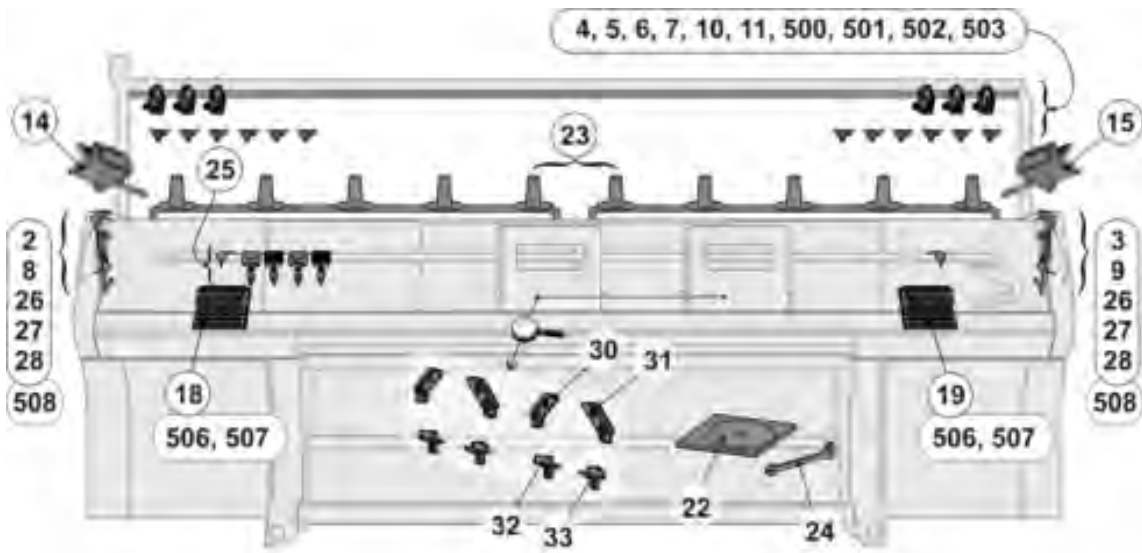
17.1 Overview of conversion kit (24 IFF) E5 | E2,5.2 | E3,5.2 | E5.2

| Pos | Designation                                       | ID      |  | Pos | Designation                                     | ID      |
|-----|---------------------------------------------------|---------|--|-----|-------------------------------------------------|---------|
| Σ   | Conversion kit 24 IFFE5                           | 257 456 |  | 18  | Yarn guide complete E5 IFF 24                   | 256 934 |
| 2   | Yarn tensioner on the left completeE5             | 244 498 |  | 19  | Yarn brake complete                             | 244 347 |
| 3   | Yarn tensioner on the right complete E5           | 244 501 |  | 20  | Clamping bow                                    | 244 409 |
| 4   | Deflector on the left complete                    | 259 573 |  | 21  | Ceramic eyelet                                  | 240 640 |
| 5   | Deflector on the right complete                   | 259 570 |  | 30  | Stitch cam on the left E5 short tuck            | 212 130 |
| 8   | Friction feed wheel 16 fold on the left complete  | 244 991 |  | 31  | Stitch cam on the right E5 short tuck           | 212 129 |
| 9   | Friction feed wheel 16 fold on the right complete | 244 992 |  | 32  | Pressure part receiving on the left short tuck  | 240 697 |
| 12  | Left clamping and cutting bed E5-8                | 253 653 |  | 33  | Pressure part receiving on the right short tuck | 240 698 |
| 13  | Clamping and cutting bed on the right E5-8        | 253 652 |  | 502 | Dowel pin 6x16                                  | 020 677 |
| 16  | DVD instructions conversion kit IFF               | 245 169 |  | 503 | Screw M6x20                                     | 244 824 |
| 17  | Adjusting part for yarn carrier bow               | 250 119 |  | 504 | Screw KB60x20                                   | 237 682 |



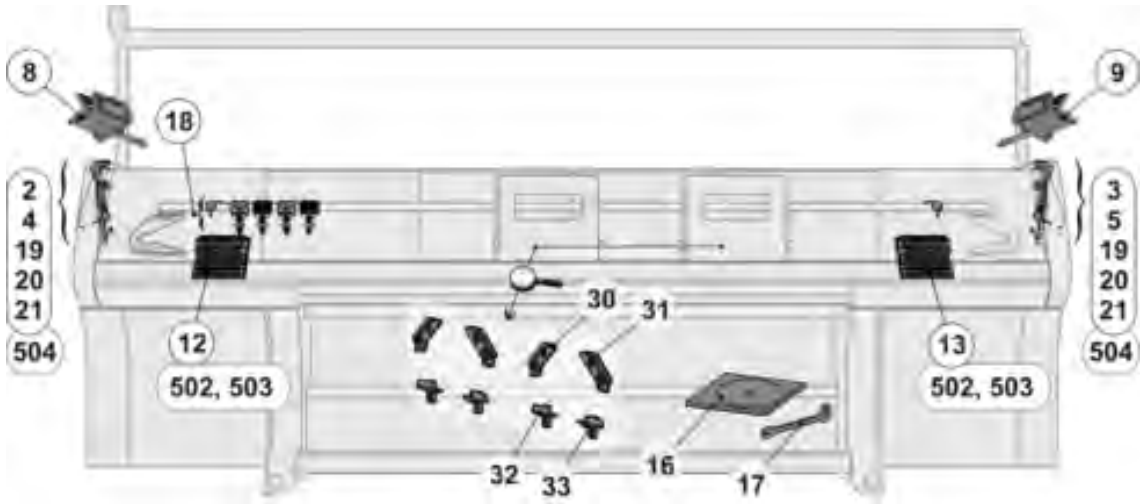
17.2 Overview of conversion kit (24 IFF) E7 | E8

| Pos | Designation                                       | ID      |  | Pos | Designation                                     | ID      |
|-----|---------------------------------------------------|---------|--|-----|-------------------------------------------------|---------|
| Σ   | Conversion kit 24 IFFE7-8                         | 257 457 |  |     |                                                 |         |
| 2   | Yarn tensioner on the left completeE7-8           | 244 499 |  | 24  | Adjusting part for yarn carrier bow             | 250 119 |
| 3   | Yarn tensioner on the right complete E7-8         | 244 502 |  | 25  | Yarn guide complete E7-8 IFF 24                 | 256 935 |
| 4   | Yarn guide bar84"                                 | 236 932 |  | 26  | Yarn brake complete                             | 244 347 |
| 5   | Support on the left                               | 243 602 |  | 27  | Clamping bow                                    | 244 409 |
| 6   | Support on the right                              | 243 603 |  | 28  | Ceramic eyelet                                  | 240 640 |
| 7   | Support                                           | 239 295 |  | 30  | Stitch cam on the left E7-8 short tuck          | 212 057 |
| 8   | Deflector on the left complete                    | 259 573 |  | 31  | Stitch cam on the right E7-8 short tuck         | 212 056 |
| 9   | Deflector on the right complete                   | 259 570 |  | 32  | Pressure part receiving on the left short tuck  | 240 697 |
| 10  | Yarn control device                               | 237 124 |  | 33  | Pressure part receiving on the right short tuck | 240 698 |
| 11  | Yarn guide bracket complete                       | 241 581 |  | 500 | Self-locking screw M6x12                        | 023 415 |
| 14  | Friction feed wheel 16 fold on the left complete  | 244 991 |  | 501 | Serrated nut M6-10                              | 023 414 |
| 15  | Friction feed wheel 16 fold on the right complete | 244 992 |  | 502 | Square nut M8                                   | 023 269 |
| 18  | Left clamping and cutting bed E5-8                | 253 653 |  | 503 | Pan-head screw M8x16                            | 023 113 |
| 19  | Clamping and cutting bed on the right E5-8        | 253 652 |  | 506 | Dowel pin 6x16                                  | 020 677 |
| 22  | DVD instructions conversion kit IFF               | 245 169 |  | 507 | Screw M6x20                                     | 244 824 |
| 23  | Additional bobbin board 7XX/8XX                   | 241 928 |  | 508 | Screw KB60x20                                   | 237 682 |



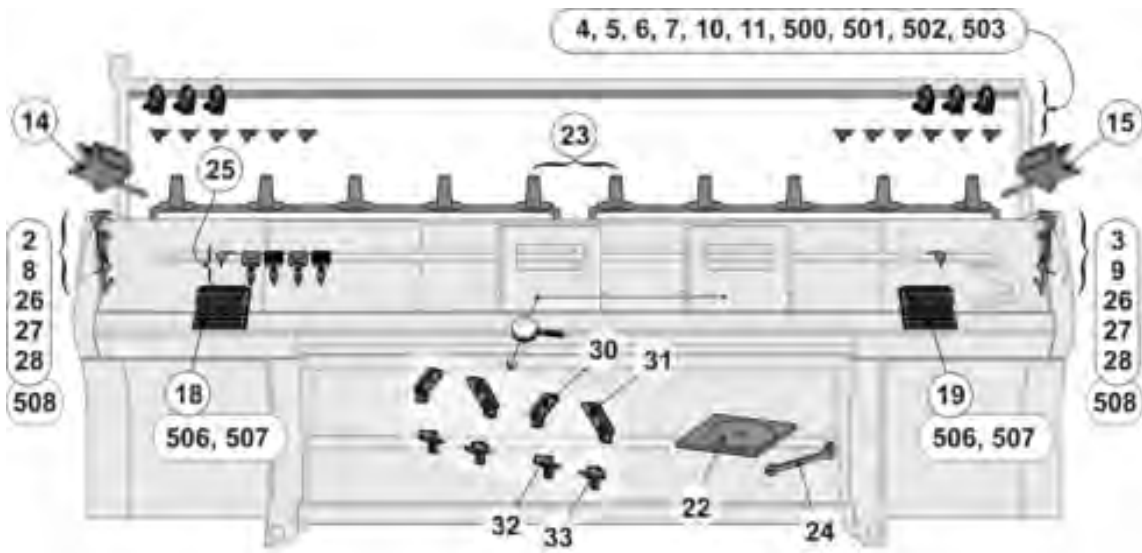
17.3 Overview of conversion kit (32 IFF) E5 | E2,5.2 | E3,5.2 | E5.2

| Pos | Designation                                       | ID      |  | Pos | Designation                                     | ID      |
|-----|---------------------------------------------------|---------|--|-----|-------------------------------------------------|---------|
| Σ   | Conversion kit 32 IFFE5                           | 256 991 |  | 18  | Yarn guide complete IFF E5                      | 245 161 |
| 2   | Yarn tensioner on the left completeE5             | 244 498 |  | 19  | Yarn brake complete                             | 244 347 |
| 3   | Yarn tensioner on the right complete E5           | 244 501 |  | 20  | Clamping bow                                    | 244 409 |
| 4   | Deflector on the left complete                    | 259 573 |  | 21  | Ceramic eyelet                                  | 240 640 |
| 5   | Deflector on the right complete                   | 259 570 |  | 30  | Stitch cam on the left E5 short tuck            | 212 130 |
| 8   | Friction feed wheel 16 fold on the left complete  | 244 991 |  | 31  | Stitch cam on the right E5 short tuck           | 212 129 |
| 9   | Friction feed wheel 16 fold on the right complete | 244 992 |  | 32  | Pressure part receiving on the left short tuck  | 240 697 |
| 12  | Left clamping and cutting bed E5-8                | 253 653 |  | 33  | Pressure part receiving on the right short tuck | 240 698 |
| 13  | Clamping and cutting bed on the right E5-8        | 253 652 |  | 502 | Dowel pin 6x16                                  | 020 677 |
| 16  | DVD instructions conversion kit IFF               | 245 169 |  | 503 | Screw M6x20                                     | 244 824 |
| 17  | Adjusting part for yarn carrier bow               | 250 119 |  | 504 | Screw KB60x20                                   | 237 682 |



17.4 Overview of conversion kit (32 IFF) E7 | E8

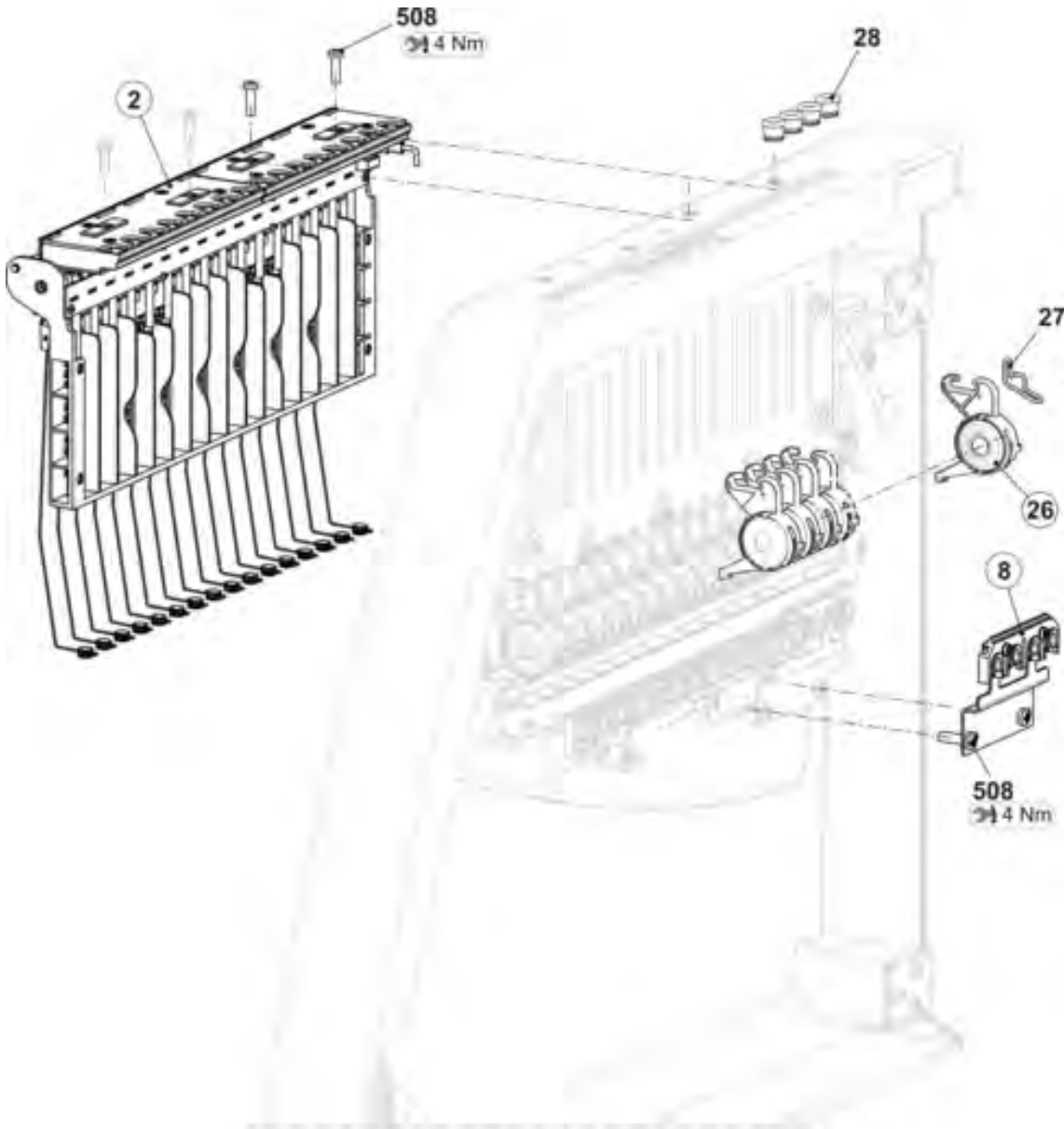
| Pos | Designation                                       | ID      | Pos | Designation                                     | ID      |
|-----|---------------------------------------------------|---------|-----|-------------------------------------------------|---------|
| Σ   | Conversion kit 32 IFF E7-8                        | 257 387 |     |                                                 |         |
| 2   | Yarn tensioner on the left completeE7-8           | 244 499 | 24  | Adjusting part for yarn carrier bow             | 250 119 |
| 3   | Yarn tensioner on the right complete E7-8         | 244 502 | 25  | Yarn guide complete E7-8 IFF                    | 245 162 |
| 4   | Yarn guide bar84"                                 | 236 932 | 26  | Yarn brake complete                             | 244 347 |
| 5   | Support on the left                               | 243 602 | 27  | Clamping bow                                    | 244 409 |
| 6   | Support on the right                              | 243 603 | 28  | Ceramic eyelet                                  | 240 640 |
| 7   | Support                                           | 239 295 | 30  | Stitch cam on the left E7-8 short tuck          | 212 057 |
| 8   | Deflector on the left complete                    | 259 573 | 31  | Stitch cam on the right E7-8 short tuck         | 212 056 |
| 9   | Deflector on the right complete                   | 259 570 | 32  | Pressure part receiving on the left short tuck  | 240 697 |
| 10  | Yarn control device                               | 237 124 | 33  | Pressure part receiving on the right short tuck | 240 698 |
| 11  | Yarn guide bracket complete                       | 241 581 | 500 | Self-locking screw M6x12                        | 023 415 |
| 14  | Friction feed wheel 16 fold on the left complete  | 244 991 | 501 | Serrated nut M6-10                              | 023 414 |
| 15  | Friction feed wheel 16 fold on the right complete | 244 992 | 502 | Square nut M8                                   | 023 269 |
| 18  | Left clamping and cutting bed E5-8                | 253 653 | 503 | Pan-head screwM8x16                             | 023 113 |
| 19  | Clamping and cutting bed on the right E5-8        | 253 652 | 506 | Dowel pin 6x16                                  | 020 677 |
| 22  | DVD instructions conversion kit IFF               | 245 169 | 507 | Screw M6x20                                     | 244 824 |
| 23  | Additional bobbin board 7XX/8XX                   | 241 928 | 508 | Screw KB60x20                                   | 237 682 |



17.5 Parts for the left safety door

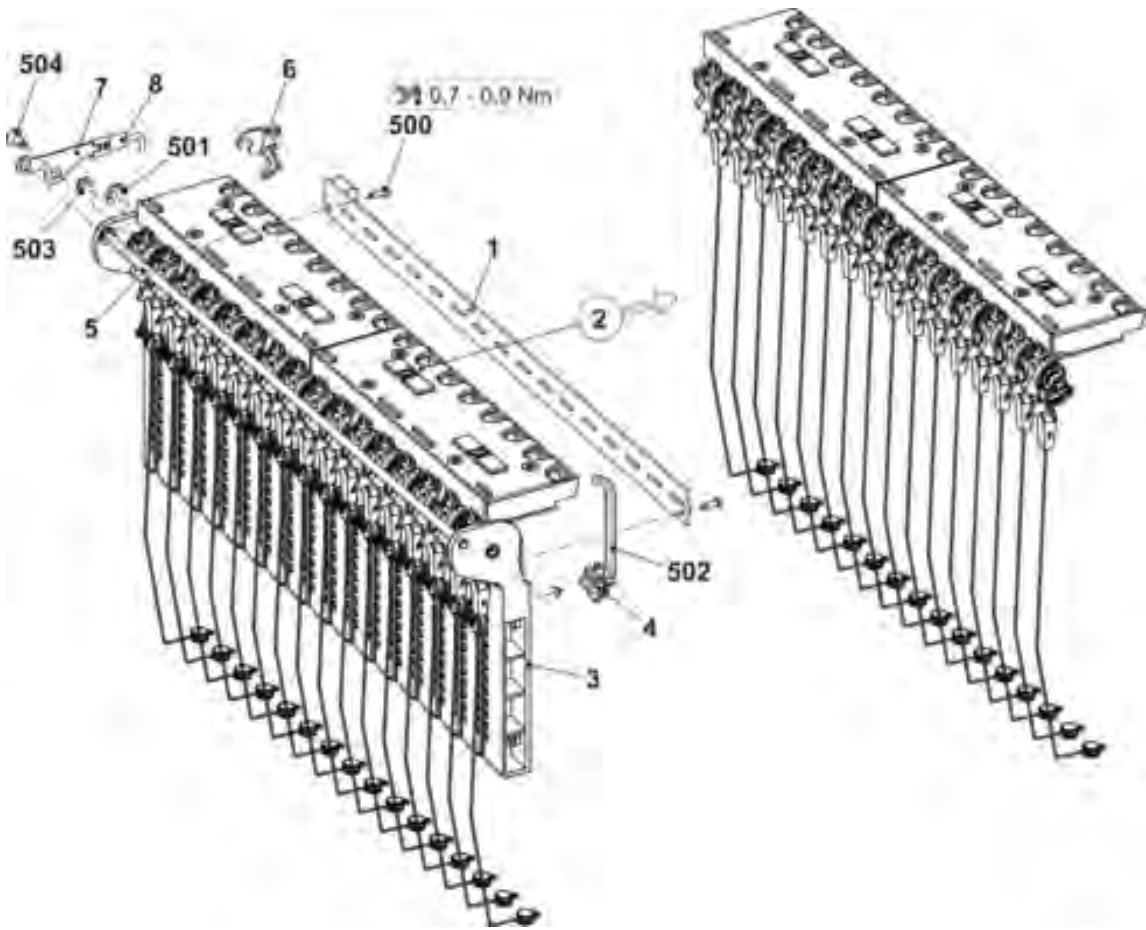
17.5 Parts for the left safety door

| Pos | Designation                         | ID      |  | Pos | Designation         | ID      |
|-----|-------------------------------------|---------|--|-----|---------------------|---------|
| 2   | Yarn tensioner on the left complete |         |  | 26  | Yarn brake complete | 244 347 |
|     | E5   E2,5.2   E3,5.2   E5.2         | 244 498 |  | 27  | Clamping bow        | 244 409 |
|     | E7   E8                             | 244 499 |  | 28  | Ceramic eyelet      | 240 640 |
| 8   | Deflector on the left complete      | 259 573 |  | 508 | Screw KB60x20       | 237 682 |



17.5.1 Yarn tensioner on the left

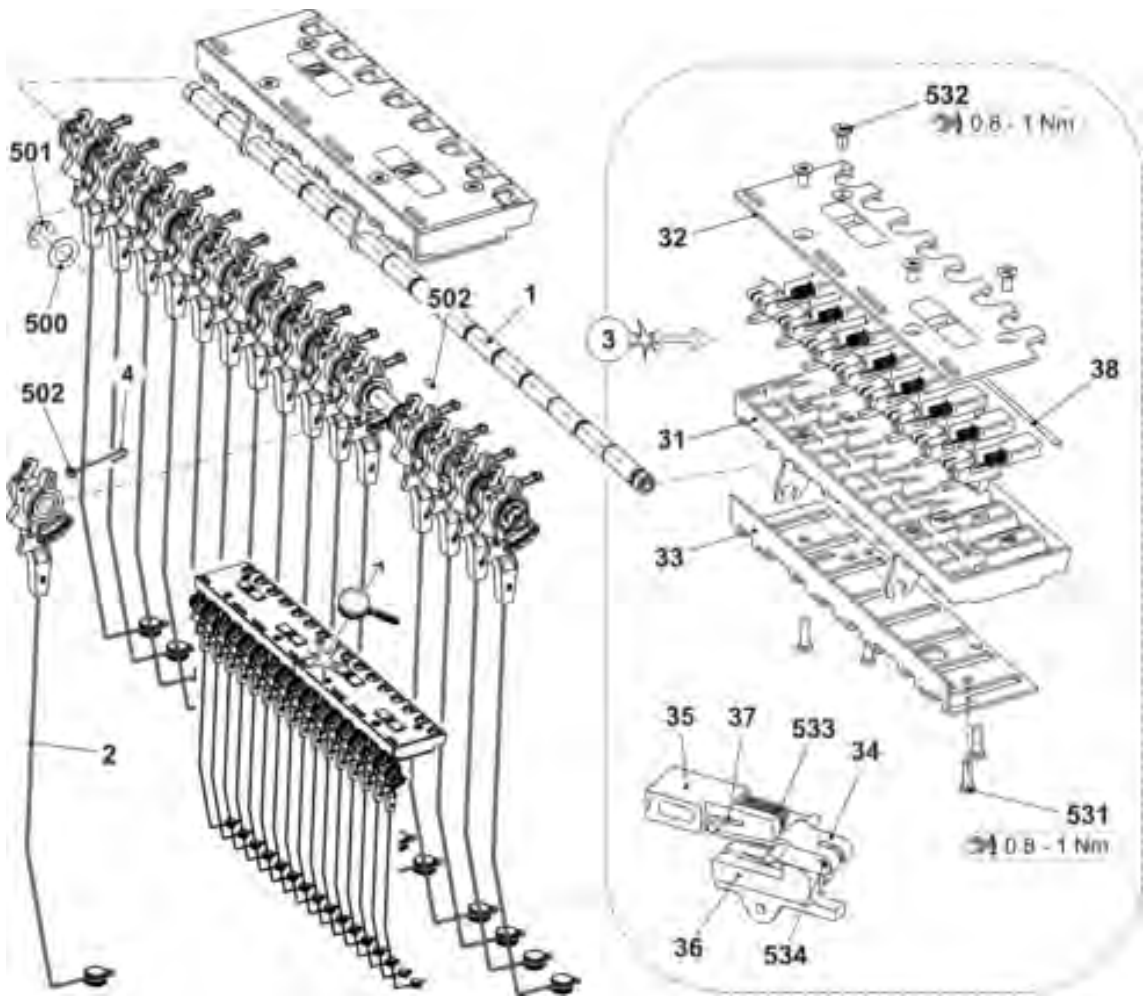
| Pos | Designation                             | ID      |  | Pos | Designation                        | ID      |
|-----|-----------------------------------------|---------|--|-----|------------------------------------|---------|
| Σ   | Yarn tensioner on the left complete     |         |  |     |                                    |         |
|     | E5   E2,5.2   E3,5.2   E5.2             | 244 498 |  | 7   | Grounding plate of tension axle    | 243 121 |
|     | E7   E8                                 | 244 499 |  | 8   | Ground cable yarn tensionerokc     | 243 105 |
| 1   | Card yarn tensioner 16-fold on the left | 241 345 |  | 500 | Screw KB30x8                       | 236 228 |
| 2   | Tension axle completeE3-8               | 244 494 |  | 501 | Circlip                            | 021 022 |
| 3   | Housing                                 | 241 367 |  | 502 | Tension spring 5,05x0,55x53 (E3-5) | 023 502 |
| 4   | Slider                                  | 241 694 |  |     | Tension spring 4,9x0,5x53 (E7-8)   | 023 503 |
| 5   | Stop point                              | 241 368 |  | 503 | Circlip                            | 021 020 |
| 6   | Spacer                                  | 242 048 |  | 504 | Countersunk screw M4x10            | 241 914 |



17.5 Parts for the left safety door

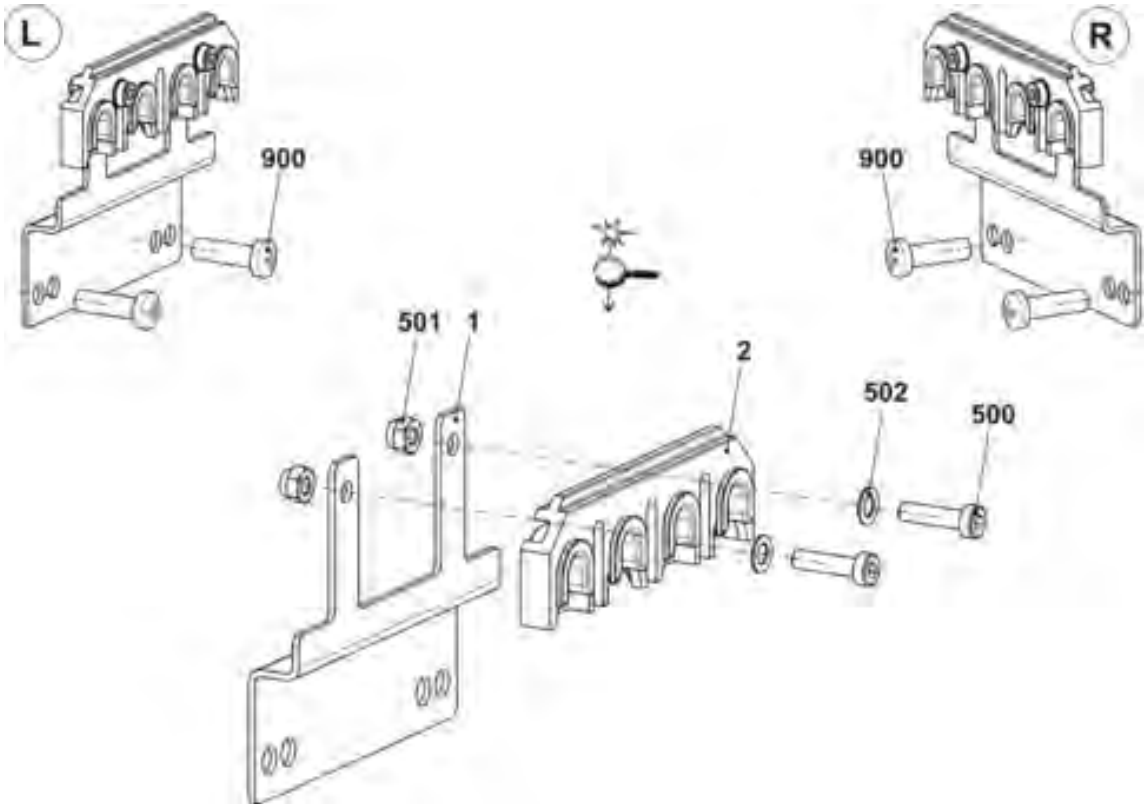
17.5.1.1 Tension axle

| Pos | Designation                   | ID      |  | Pos | Designation                             | ID      |
|-----|-------------------------------|---------|--|-----|-----------------------------------------|---------|
| Σ   | Tension axle completeE3-8     | 244 494 |  | 33  | Sheet metal at the bottom (housing AKF) | 240 719 |
| 1   | Axle                          | 244 522 |  | 34  | Lever AKF                               | 238 692 |
| 2   | Tension arm pre-assembledE3-8 | 259 448 |  | 35  | Pressure piece AKF                      | 238 690 |
| 4   | Wire bow                      | 238 694 |  | 36  | SliderAKF                               | 238 691 |
| 500 | Shim ring 8x14x0,5            | 023 501 |  | 37  | Wire bow                                | 238 694 |
| 501 | Circlip                       | 021 022 |  | 38  | Wire                                    | 237 940 |
| 502 | Grooved pin 2x6               | 243 172 |  | 531 | Screw KB 35x12                          | 237 681 |
| 3   | Thread clamp AKF              | 238 695 |  | 532 | Screw KB 40x8                           | 236 227 |
| 31  | HousingAKF                    | 238 689 |  | 533 | Compression spring 0,30x4,50x18,50      | 241 437 |
| 32  | Cover AKF                     | 237 926 |  | 534 | Grooved pin 2x6                         | 243 172 |



17.5.2 Deflector on the left and on the right

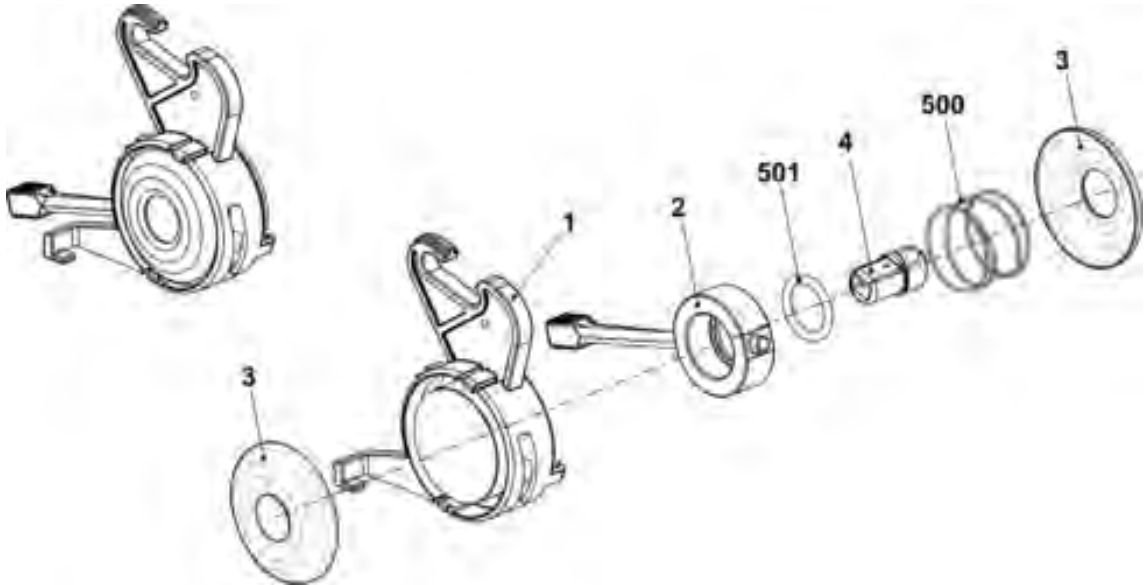
| Pos | Designation                    | ID      |  | Pos | Designation                     | ID      |
|-----|--------------------------------|---------|--|-----|---------------------------------|---------|
| ΣL  | Deflector on the left complete | 259 573 |  | ΣR  | Deflector on the right complete | 259 570 |
| 1   | Support of yarn deflector      | 257 286 |  | 1   | Support of yarn deflector       | 257 286 |
| 2   | Yarn deflector on the left     | 259 572 |  | 2   | Yarn deflector on the right     | 259 569 |
| 500 | Cap screwM4x16                 | 023 123 |  | 500 | Cap screwM4x16                  | 023 123 |
| 501 | Hexagon nut M4-8               | 023 046 |  | 501 | Hexagon nut M4-8                | 023 046 |
| 502 | Washer4                        | 020 879 |  | 502 | Washer4                         | 020 879 |
| 900 | Screw KB60x20                  | 237 682 |  | 900 | Screw KB60x20                   | 237 682 |



17.5 Parts for the left safety door

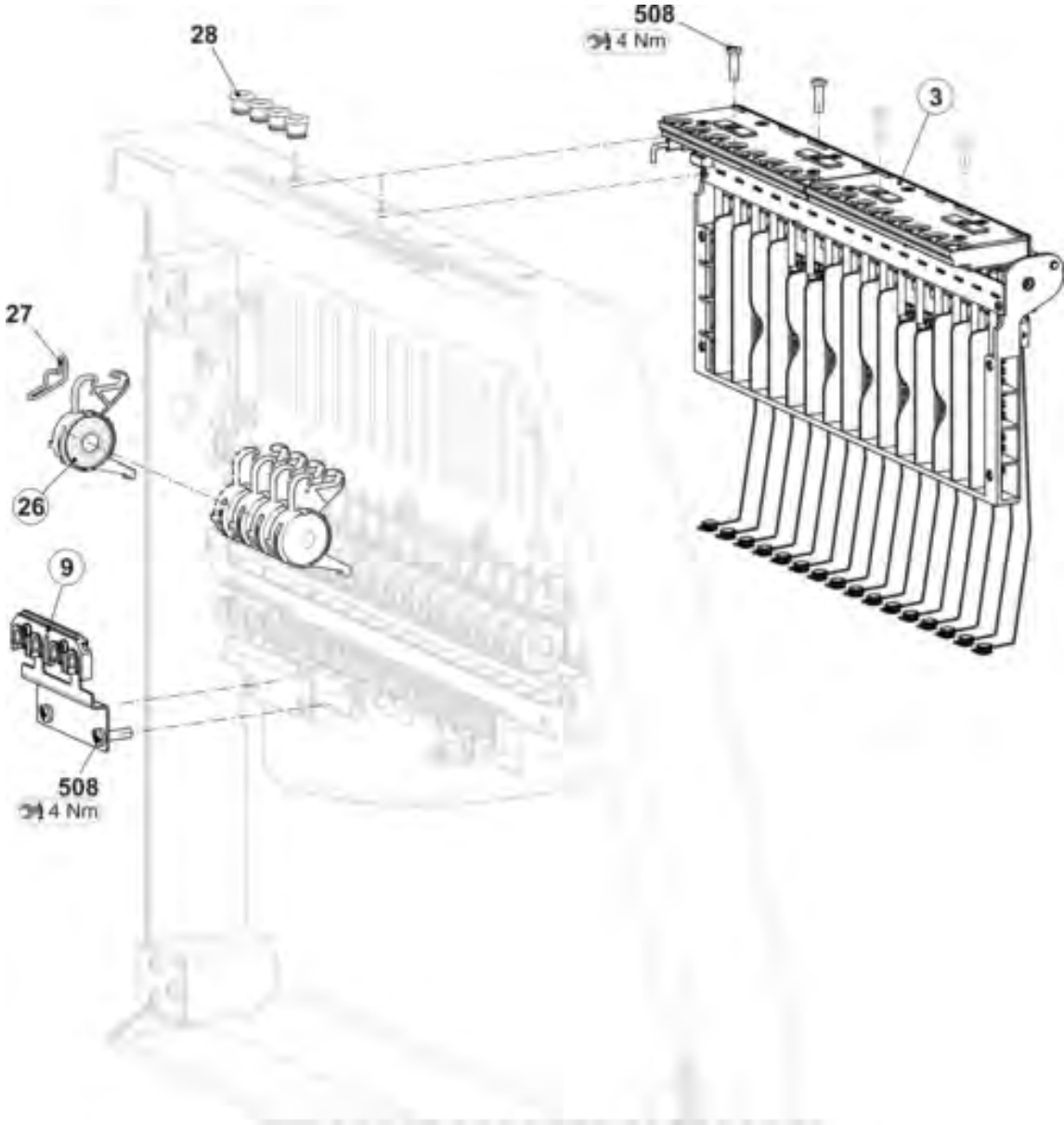
17.5.3 Yarn brake

| Pos | Designation         | ID      |  | Pos | Designation                         | ID      |
|-----|---------------------|---------|--|-----|-------------------------------------|---------|
| Σ   | Yarn brake complete | 244 347 |  |     |                                     |         |
| 1   | Support             | 240 607 |  | 4   | Ceramic eyelet open                 | 243 778 |
| 2   | Slider              | 240 606 |  | 500 | Compression spring 0,65x20,15x14,80 | 241 361 |
| 3   | Brake disk          | 244 355 |  | 501 | O-ring 11x2                         | 241 434 |



17.6 Parts for the right safety door

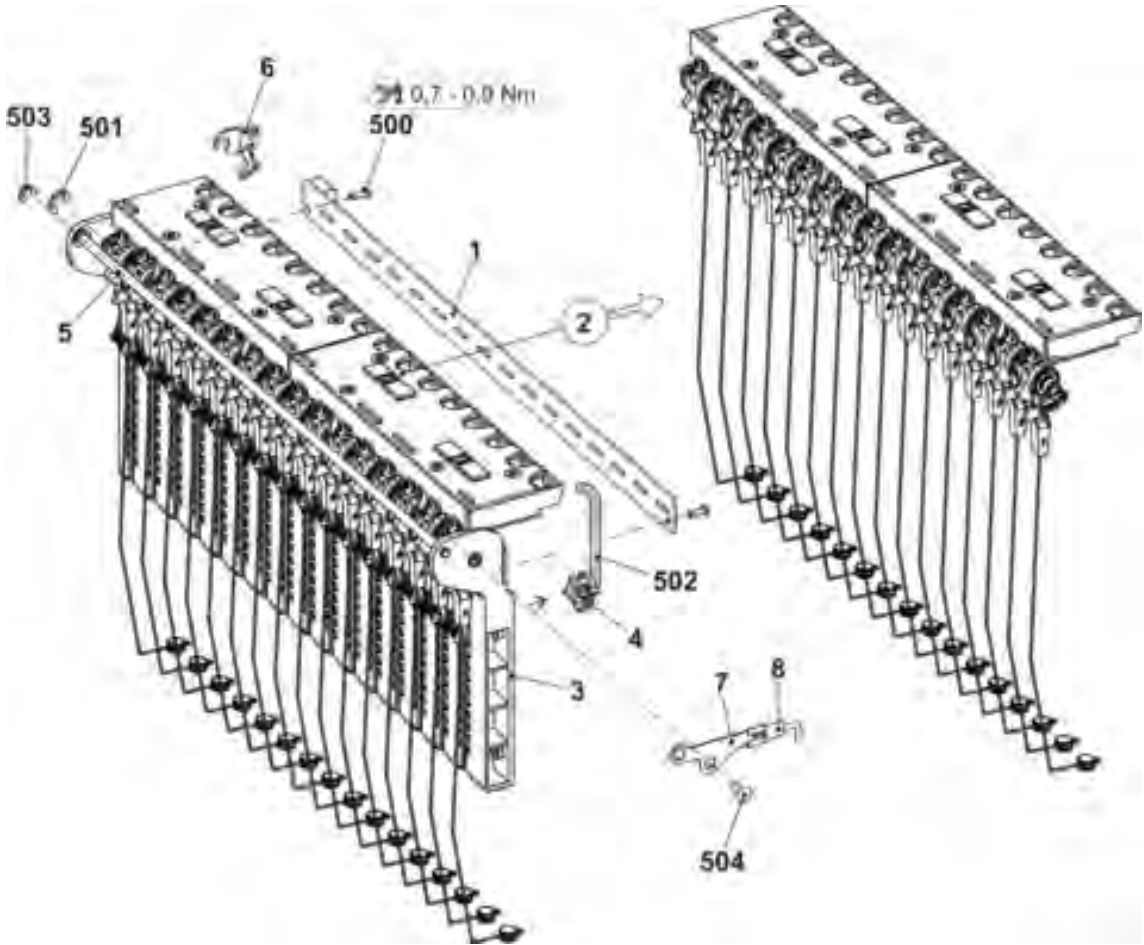
| Pos | Designation                          | ID      | Pos | Designation         | ID      |
|-----|--------------------------------------|---------|-----|---------------------|---------|
| 3   | Yarn tensioner on the right complete |         | 26  | Yarn brake complete | 244 347 |
|     | E5   E2,5.2   E3,5.2   E5.2          | 244 501 | 27  | Clamping bow        | 244 409 |
|     | E7   E8                              | 244 502 | 28  | Ceramic eyelet      | 240 640 |
| 9   | Deflector on the right complete      | 259 570 | 508 | Screw KB60x20       | 237 682 |



17.6 Parts for the right safety door

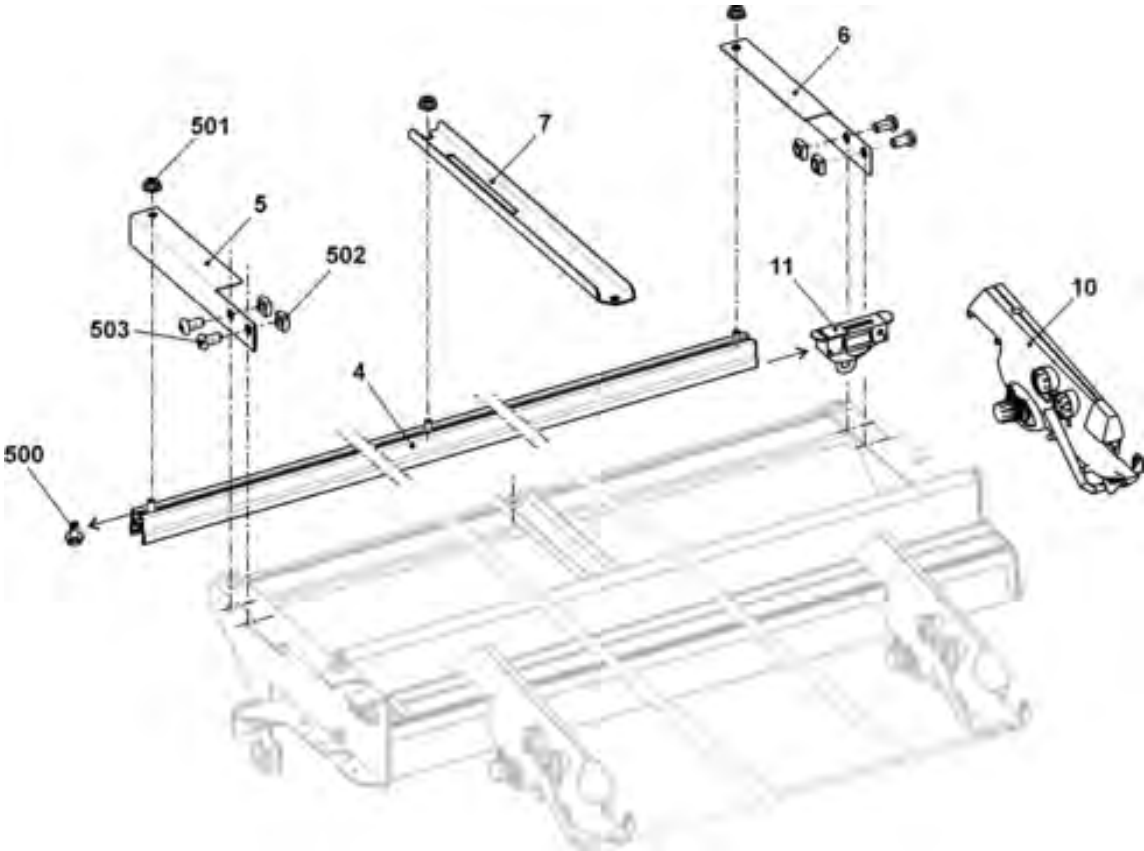
17.6.1 Yarn tensioner on the right

| Pos | Designation                              | ID      |  | Pos | Designation                                       | ID      |
|-----|------------------------------------------|---------|--|-----|---------------------------------------------------|---------|
| Σ   | Yarn tensioner on the right complete     |         |  |     |                                                   |         |
|     | E5   E2,5.2   E3,5.2   E5.2              | 244 501 |  | 7   | Grounding plate of tension axle                   | 243 121 |
|     | E7   E8                                  | 244 502 |  | 8   | Ground cable yarn tensionerokc                    | 243 105 |
| 1   | Card yarn tensioner 16-fold on the right | 241 346 |  | 500 | Screw KB30x8                                      | 236 228 |
| 2   | Tension axle completeE3-8                | 244 494 |  | 501 | Circlip                                           | 021 022 |
| 3   | Housing                                  | 241 367 |  | 502 | Tension spring 5,05x0,55x53 (E3-5)                | 023 502 |
| 4   | Slider                                   | 241 694 |  |     | Tension spring 4,9x0,5x53 (E7-8)Tension spring () | 023 503 |
| 5   | Stop point                               | 241 368 |  | 503 | Circlip                                           | 021 020 |
| 6   | Spacer                                   | 242 048 |  | 504 | Countersunk screw M4x10                           | 241 914 |



17.7 Parts for the yarn guide system

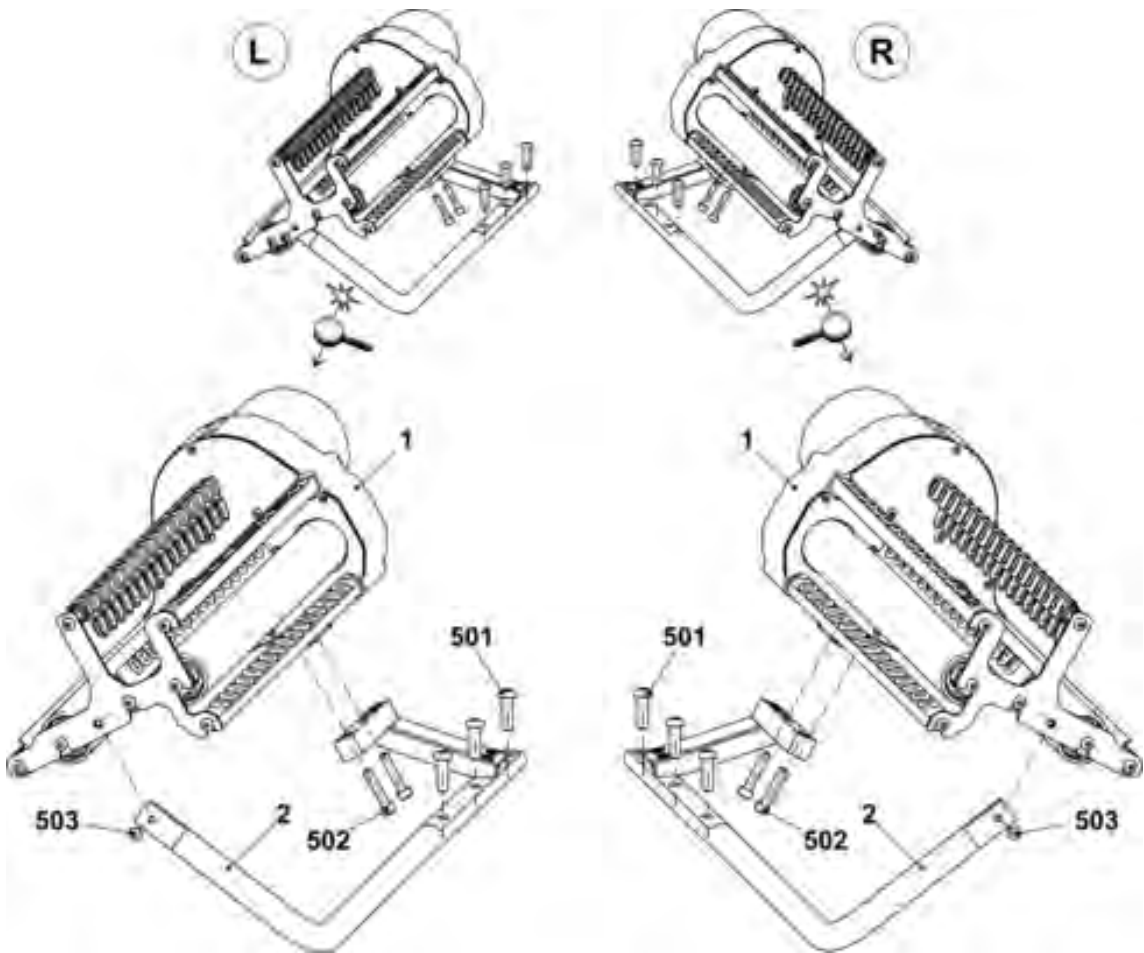
| Pos | Designation          | ID      |  | Pos | Designation                 | ID      |
|-----|----------------------|---------|--|-----|-----------------------------|---------|
| Σ   | Yarn guide system    |         |  |     |                             |         |
| 4   | Yarn guide bar84"    | 236 932 |  | 11  | Yarn guide bracket complete | 241 581 |
| 5   | Support on the left  | 243 602 |  | 500 | Self-locking screw M6x12    | 023 415 |
| 6   | Support on the right | 243 603 |  | 501 | Serrated nut M6-10          | 023 414 |
| 7   | Support              | 239 295 |  | 502 | Square nut M8               | 023 269 |
| 10  | Yarn control device  | 237 124 |  | 503 | Pan-head screwM8x16         | 023 113 |



17.8 Friction feed wheel on the left and on the right complete

17.8 Friction feed wheel on the left and on the right complete

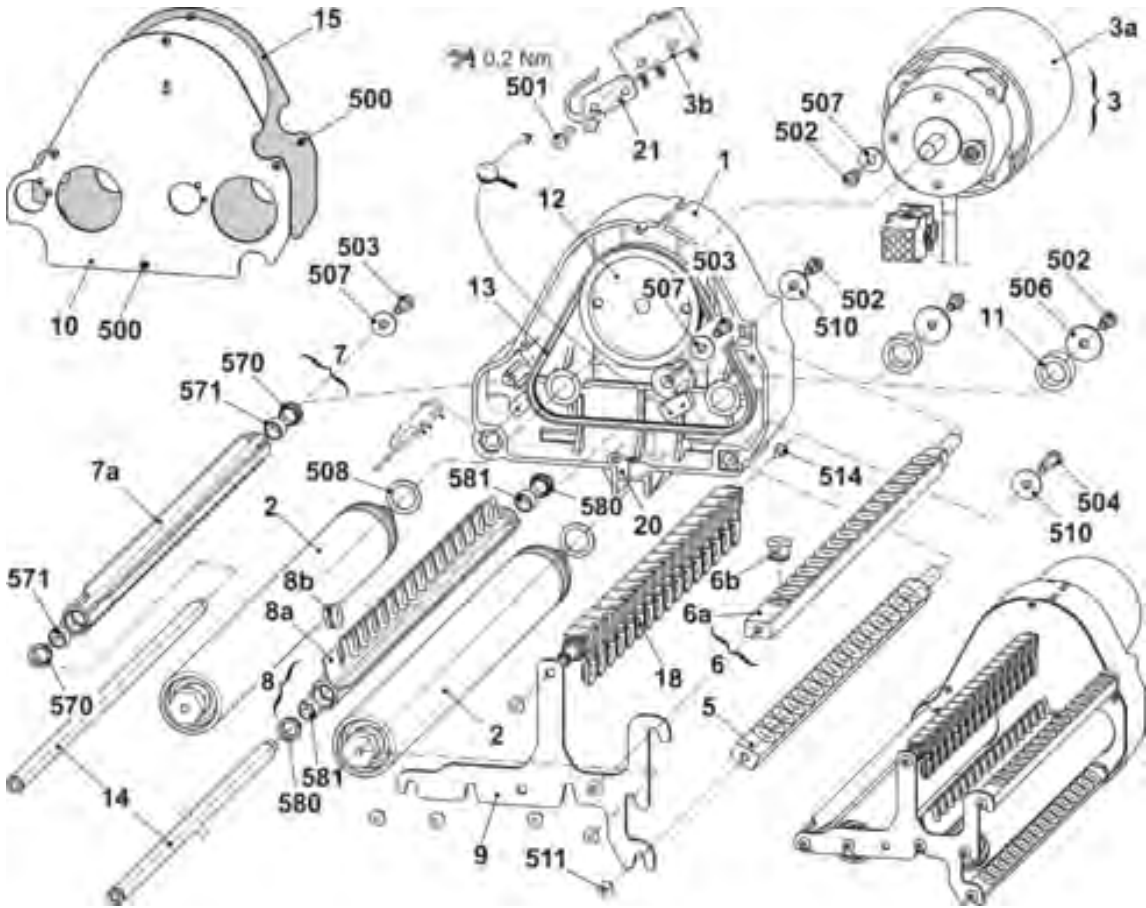
| Pos | Designation                                      | ID      |  | Pos | Designation                                       | ID      |
|-----|--------------------------------------------------|---------|--|-----|---------------------------------------------------|---------|
| ΣL  | Friction feed wheel 16 fold on the left complete | 244 991 |  | ΣR  | Friction feed wheel 16 fold on the right complete | 244 992 |
| 1   | Friction feed wheel on the left                  | 244 185 |  | 1   | Friction feed wheel on the right                  | 244 186 |
| 2   | Support on the left                              | 243 869 |  | 2   | Support right                                     | 244 142 |
| 501 | Pan-head screwM8x25                              | 023 027 |  | 501 | Pan-head screwM8x25                               | 023 027 |
| 502 | Cap screwM6x16                                   | 020 135 |  | 502 | Cap screwM6x30                                    | 020 138 |
| 503 | Pan-head screwM5x8                               | 239 408 |  | 503 | Pan-head screwM5x8                                | 239 408 |



17.8 Friction feed wheel on the left and on the right complete

17.8.1 Friction feed wheel on the left

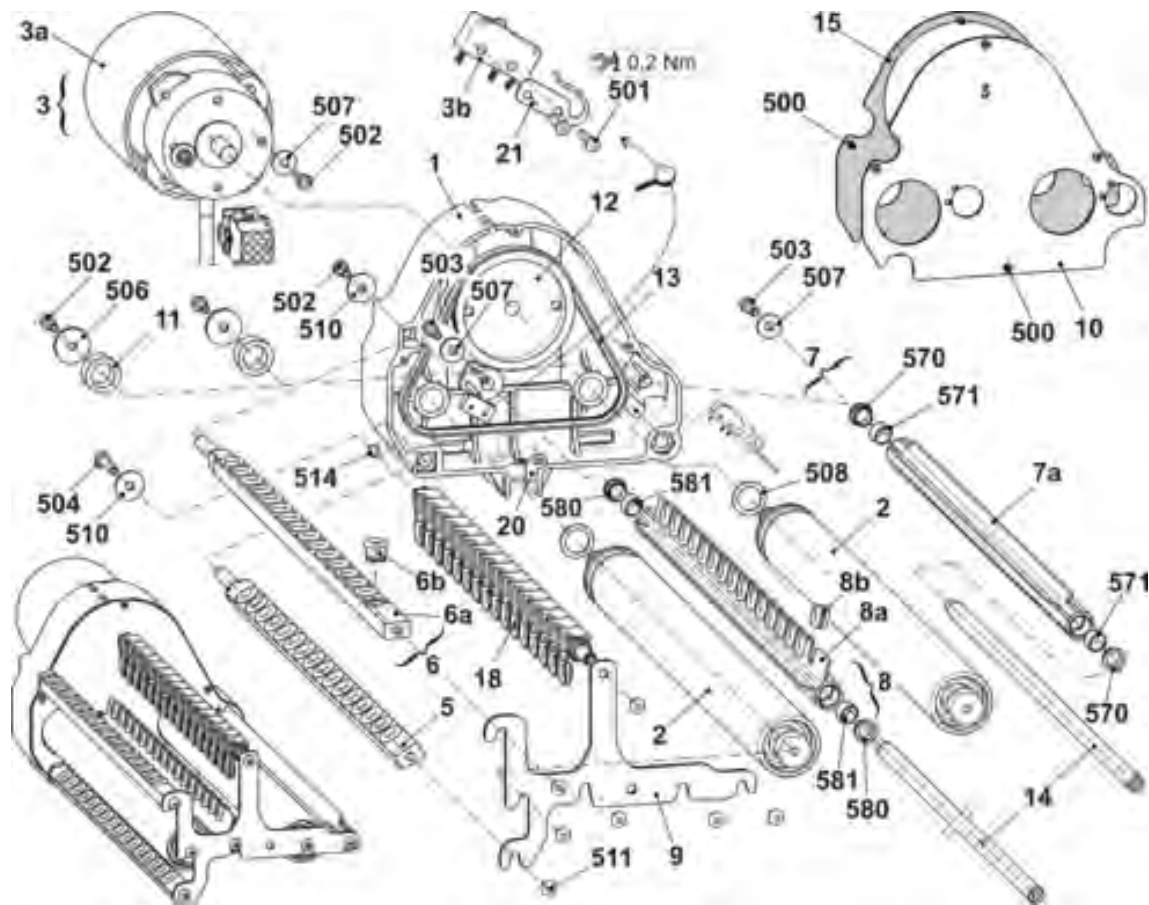
| Pos | Designation                                      |                               | ID      |  | Pos | Designation                | ID      |
|-----|--------------------------------------------------|-------------------------------|---------|--|-----|----------------------------|---------|
| Σ   | Friction feed wheel 16 fold on the left complete |                               | 244 185 |  | 10  | Cover                      | 251 098 |
| 1   | Housing                                          |                               | 240 368 |  | 11  | Bush                       | 221 391 |
| 2   | Friction roller complete                         |                               | 243 860 |  | 12  | V-ribbed belt pulley       | 221 268 |
| 3   | Three-phase AC motor 3x42V complete              |                               | 219 800 |  | 13  | Ribbed V-belt              | 206 927 |
|     | 3a                                               | Three-phase AC motor          | 220 161 |  | 14  | Rod                        | 243 868 |
|     | 3b                                               | Microswitch                   | 008 664 |  | 15  | Cover                      | 230 758 |
| 5   | Yarn guide rod 16-fold complete                  |                               | 244 576 |  | 18  | Deflector complete 16-fold | 250 102 |
| 6   | Yarn guide rod 16-fold complete                  |                               | 244 578 |  | 20  | Grounding plate            | 256 622 |
|     | 6a                                               | Yarn guide rod 16-fold        | 244 577 |  | 21  | Spring plate               | 256 702 |
|     | 6b                                               | Ceramic eyelet                | 240 640 |  | 500 | Screw KB30x8               | 236 228 |
| 7   | Stop motion rail on the right complete           |                               | 243 863 |  | 501 | Screw M20x10               | 244 736 |
|     | 7a                                               | Stop motion rail on the right | 243 864 |  | 502 | Cap screwM5x12             | 020 132 |
|     | 570                                              | Slide bearing GFM-101214-07   | 023 627 |  | 503 | Cap screwM5x16             | 022 726 |
|     | 571                                              | Guide piece                   | 259 453 |  | 504 | Cap screwM5x25             | 023 523 |
| 8   | Stop motion rail on the left complete            |                               | 243 865 |  | 506 | Washer5,3x22x2,5           | 023 219 |
|     | 8a                                               | Stop motion rail on the left  | 243 866 |  | 507 | Washer5                    | 020 901 |
|     | 8b                                               | Eyelet                        | 230 662 |  | 508 | Shim ring 15x21x1          | 023 216 |
|     | 580                                              | Slide bearing GFM-101214-07   | 023 627 |  | 510 | Washer5                    | 023 542 |
|     | 581                                              | Guide piece                   | 259 453 |  | 511 | Pan-head screwM5x8         | 239 408 |
| 9   | Bracket                                          |                               | 251 113 |  | 514 | Pan-head screwM4x8         | 023 579 |



17.8 Friction feed wheel on the left and on the right complete

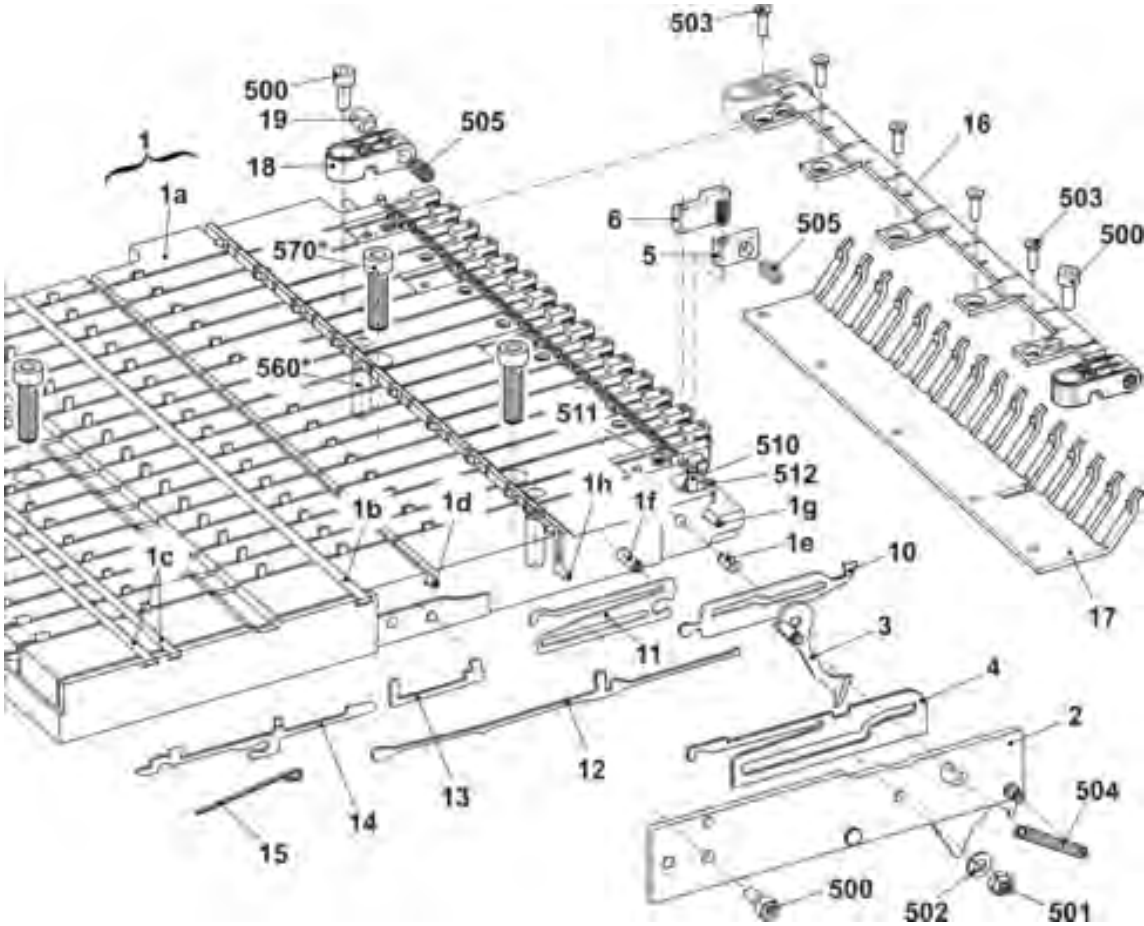
17.8.2 Friction feed wheel on the right

| Pos | Designation                                       | ID      | Pos | Designation                | ID      |
|-----|---------------------------------------------------|---------|-----|----------------------------|---------|
| Σ   | Friction feed wheel 16 fold on the right complete | 244 186 | 10  | Cover                      | 251 098 |
| 1   | Housing                                           | 240 368 | 11  | Bush                       | 221 391 |
| 2   | Friction roller complete                          | 243 860 | 12  | V-ribbed belt pulley       | 221 268 |
| 3   | Three-phase AC motor 3x42V complete               | 219 800 | 13  | Ribbed V-belt              | 206 927 |
|     | 3a Three-phase AC motor                           | 220 161 | 14  | Rod                        | 243 868 |
|     | 3b Microswitch                                    | 008 664 | 15  | Cover                      | 230 758 |
| 5   | Yarn guide rod 16-fold complete                   | 244 772 | 18  | Deflector complete 16-fold | 250 102 |
| 6   | Yarn guide rod 16-fold complete                   | 244 578 | 20  | Grounding plate            | 256 622 |
|     | 6a Yarn guide rod 16-fold                         | 244 577 | 21  | Spring plate               | 256 702 |
|     | 6b Ceramic eyelet                                 | 240 640 | 500 | Screw KB30x8               | 236 228 |
| 7   | Stop motion rail on the right complete            | 243 863 | 501 | Screw M20x10               | 244 736 |
|     | 7a Stop motion rail on the right                  | 243 864 | 502 | Cap screwM5x12             | 020 132 |
|     | 570 Slide bearing GFM-101214-07                   | 023 627 | 503 | Cap screwM5x16             | 022 726 |
|     | 571 Guide piece                                   | 259 453 | 504 | Cap screwM5x25             | 023 523 |
| 8   | Stop motion rail on the right complete            | 244 530 | 506 | Washer5,3x22x2,5           | 023 219 |
|     | 8a Stop motion rail on the right                  | 244 531 | 507 | Washer5                    | 020 901 |
|     | 8b Eyelet                                         | 230 662 | 508 | Shim ring 15x21x1          | 023 216 |
|     | 580 Slide bearing GFM-101214-07                   | 023 627 | 510 | Washer5                    | 023 542 |
|     | 581 Guide piece                                   | 259 453 | 511 | Pan-head screwM5x8         | 239 408 |
| 9   | Bracket                                           | 251 113 | 514 | Pan-head screwM4x8         | 023 579 |



17.9 Left clamping and cutting bed

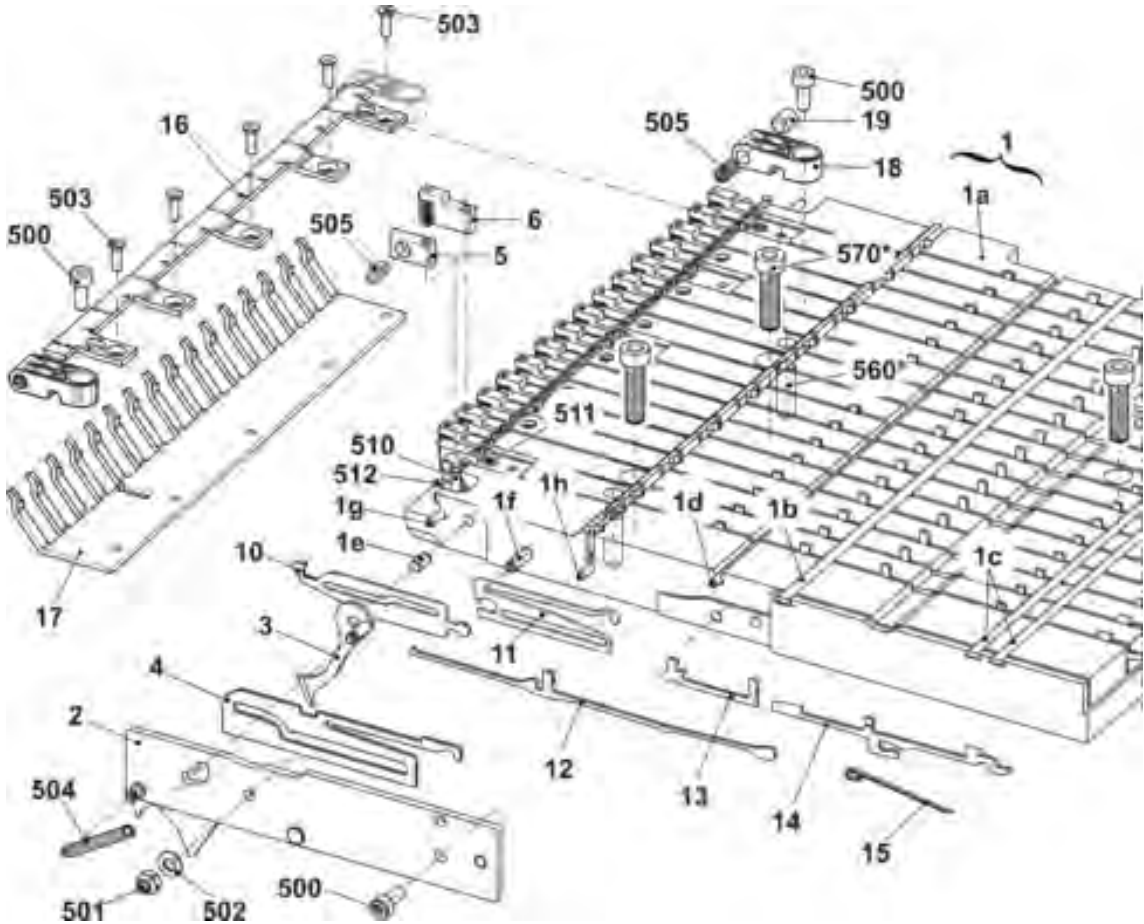
| Pos | Designation                                                                   | ID      | Pos  | Designation                         | ID      |
|-----|-------------------------------------------------------------------------------|---------|------|-------------------------------------|---------|
| Σ   | Left clamping and cutting bed E5-8<br>(E5   E7   E8   E2,5.2   E3,5.2   E5.2) | 253 653 | 10   | Tuck needle on the left E5-8        | 244 729 |
| 1   | Guide plate on the left E5-14                                                 | 257 236 | 11   | Intermediate cam E10-14             | 244 591 |
|     | 1a Guide plate on the left E5-14                                              | 257 232 | 12   | Coupling part E4-8                  | 200 682 |
|     | 1b Cover rail                                                                 | 243 923 | 13   | Intermediate slider with brake E5-8 | 237 323 |
|     | 1c Cover rail                                                                 | 243 924 | 14   | Selection jack E4-8                 | 200 687 |
|     | 1d Locating wire                                                              | 243 925 | 15   | Selector spring E4-8                | 200 690 |
|     | 1e Axle                                                                       | 257 201 | 16   | Holding strip on the left           | 256 996 |
|     | 1f Guide pin                                                                  | 211 351 | 17   | Deflector plate on the left         | 255 556 |
|     | 1g Locating wire                                                              | 215 927 | 18   | Spring holder                       | 255 724 |
|     | 1h Locating wire                                                              | 244 589 | 19   | Threaded bolt                       | 255 723 |
|     | 510 Dowel pin 3x14                                                            | 252 771 | 500  | Cap screwM4x10                      | 023 136 |
|     | 511 SetscrewM5x5                                                              | 236 061 | 501  | Hexagon nut M4-8                    | 023 046 |
|     | 512 Dowel pin 3x8                                                             | 020 644 | 502  | Washer4                             | 020 870 |
| 2   | Cover on the left complete E10-14                                             | 251 120 | 503  | Countersunk head screw M3x10        | 242 029 |
| 3   | Catch hook on the left E10-14                                                 | 251 377 | 504  | Tension spring 5x0,5x17,4           | 023 377 |
| 4   | SliderE5-14                                                                   | 253 084 | 505  | Compression spring 07x4,3x12,1      | 023 521 |
| 5   | Blade                                                                         | 243 948 | 560* | Dowel pin 6x16                      | 020 677 |
| 6   | Clamp on the left complete                                                    | 244 633 | 570* | Cap screwM6x20                      | 244 824 |



17.10 Clamping and cutting bed on the right

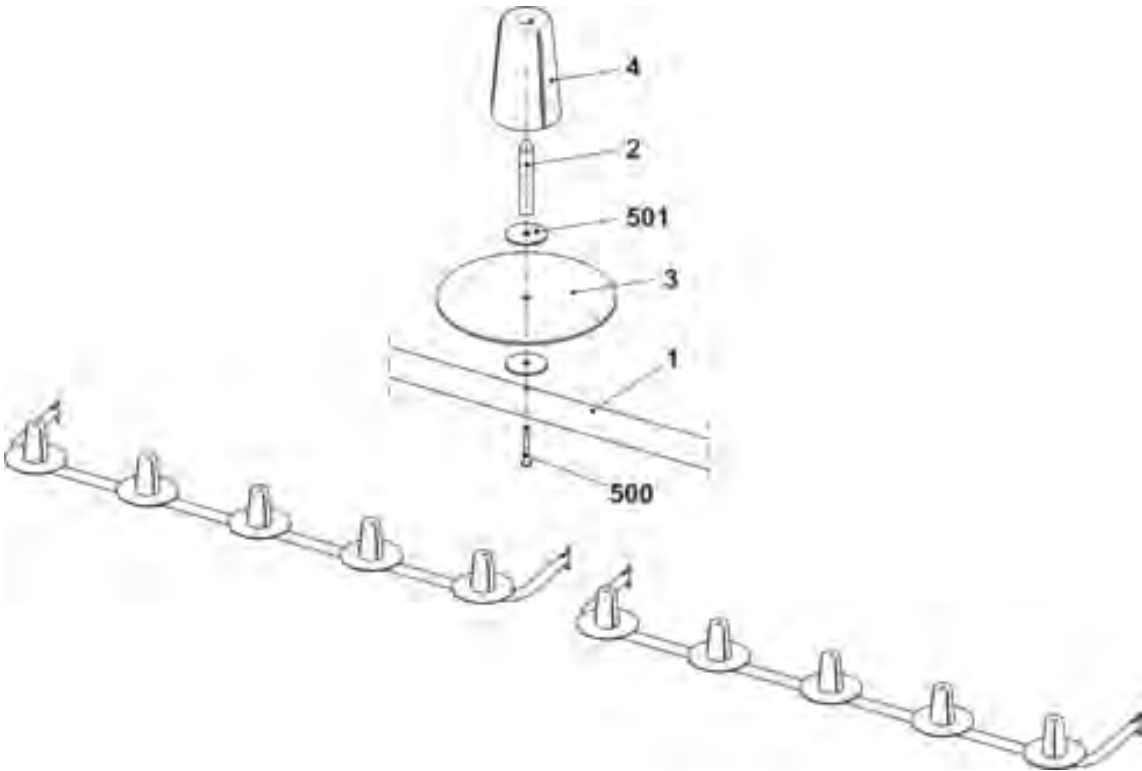
17.10 Clamping and cutting bed on the right

| Pos | Designation                                                                           | ID      | Pos  | Designation                         | ID      |
|-----|---------------------------------------------------------------------------------------|---------|------|-------------------------------------|---------|
| Σ   | Clamping and cutting bed on the right E5-8<br>(E5   E7   E8   E2,5.2   E3,5.2   E5.2) | 253 652 | 10   | Tuck needle on the right E5-8       | 244 728 |
| 1   | Guide plate on the rightE5-14                                                         | 257 235 | 11   | Intermediate cam E10-14             | 244 591 |
| 1a  | Guide plate on the rightE5-14                                                         | 257 231 | 12   | Coupling part E4-8                  | 200 682 |
| 1b  | Cover rail                                                                            | 243 923 | 13   | Intermediate slider with brake E5-8 | 237 323 |
| 1c  | Cover rail                                                                            | 243 924 | 14   | Selection jack E4-8                 | 200 687 |
| 1d  | Locating wire                                                                         | 243 925 | 15   | Selector spring E4-8                | 200 690 |
| 1e  | Axle                                                                                  | 257 201 | 16   | Holding strip on the right          | 256 995 |
| 1f  | Guide pin                                                                             | 211 351 | 17   | Deflector plate on the right        | 255 555 |
| 1g  | Locating wire                                                                         | 215 927 | 18   | Spring holder                       | 255 724 |
| 1h  | Locating wire                                                                         | 244 589 | 19   | Threaded bolt                       | 255 723 |
| 510 | Dowel pin 3x14                                                                        | 252 771 | 500  | Cap screwM4x10                      | 023 136 |
| 511 | SetscrewM5x5                                                                          | 236 061 | 501  | Hexagon nut M4-8                    | 023 046 |
| 512 | Dowel pin 3x8                                                                         | 020 644 | 502  | Washer4                             | 020 870 |
| 2   | Cover on the right complete E10-14                                                    | 251 119 | 503  | Countersunk head screw M3x10        | 242 029 |
| 3   | Catch hook on the right E10-14                                                        | 251 378 | 504  | Tension spring 5x0,5x17,4           | 023 377 |
| 4   | SliderE5-14                                                                           | 253 084 | 505  | Compression spring 07x4,3x12,1      | 023 521 |
| 5   | Blade                                                                                 | 243 948 | 560* | Dowel pin 6x16                      | 020 677 |
| 6   | Clamp on the right complete                                                           | 244 602 | 570* | Cap screwM6x20                      | 244 824 |



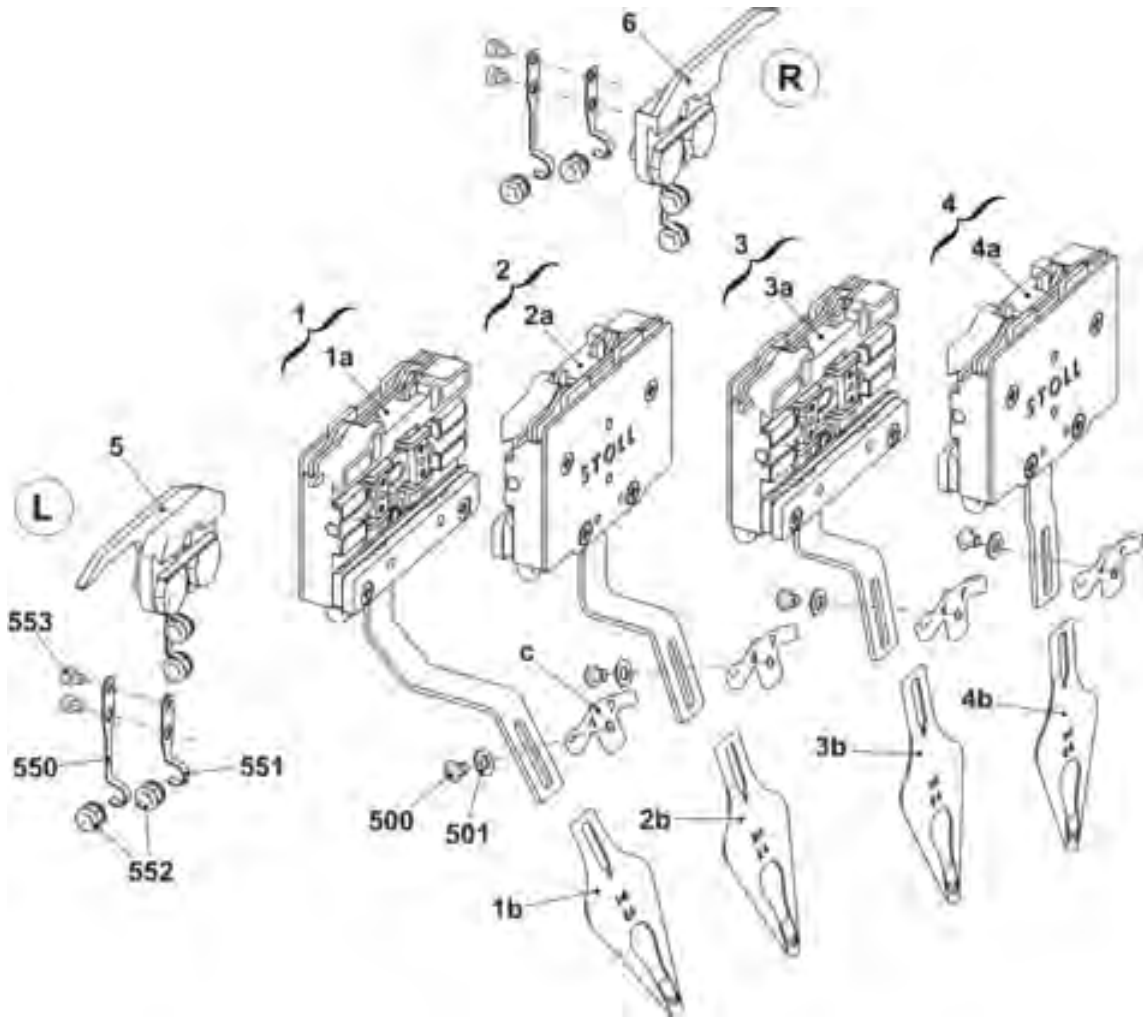
17.11 Additional bobbin board

| Pos | Designation                    | ID      |  | Pos | Designation         | ID      |
|-----|--------------------------------|---------|--|-----|---------------------|---------|
| Σ   | Zusatztisch 7XX/8XX            | 241 928 |  |     |                     |         |
| 1   | Additional bobbin board welded | 241 927 |  | 4   | Bobbin support      | 200 363 |
| 2   | Positioning pin                | 202 777 |  | 500 | Pan-head screwM4x30 | 023 681 |
| 3   | DiskD=130                      | 062 385 |  | 501 | Washer5,3x30x1,25   | 023 556 |



17.12 Yarn guide complete IFF E5 | E2.5.2 | E3.5.2 | E5.2

| Pos | Designation                          | ID      |  | Pos | Designation                           | ID      |
|-----|--------------------------------------|---------|--|-----|---------------------------------------|---------|
| Σ   | Yarn guide complete IFF 24 E5        | 256 934 |  |     |                                       |         |
|     | Yarn guide complete IFF 32 E5        | 245 161 |  |     |                                       |         |
| 1   | IFF carriage complete 1+8 E5         | 259 732 |  | 5   | Limiter on the left with two eyelets  | 244 446 |
|     | 1a IFF carriage 1+8                  | 259 728 |  |     | 550 Eyelet holder complete            | 022 324 |
|     | 1b Yarn carrier head 1+8 complete E5 | 244 076 |  |     | 551 Eyelet holder complete            | 022 323 |
| 2   | IFF carriage complete 2+7 E5         | 259 733 |  |     | 552 Eyelet 4,2                        | 021 499 |
|     | 2a IFF carriage 2+7                  | 259 729 |  |     | 553 Cap screwM3,5x4                   | 020 011 |
|     | 2b Yarn carrier head 2+7 complete E5 | 244 077 |  | 6   | Limiter on the right with two eyelets | 244 445 |
| 3   | IFF carriage complete 3+6 E5         | 259 734 |  | c   | Yarn guide angle                      | 242 863 |
|     | 3a IFF carriage 3+6                  | 259 730 |  | 500 | Pan-head screw M4x5                   | 239 549 |
|     | 3b Yarn carrier head 3-6 complete E5 | 244 078 |  | 501 | Washer4                               | 020 870 |
| 4   | IFF carriage complete 4+5 E5         | 259 735 |  |     |                                       |         |
|     | 4a IFF carriage 4+5                  | 259 731 |  |     |                                       |         |
|     | 4b Yarn carrier head 3-6 complete E5 | 244 078 |  |     |                                       |         |



17.13 Yarn guide complete IFF E7 | E8

| Pos | Designation                            | ID      |  | Pos | Designation                           | ID      |
|-----|----------------------------------------|---------|--|-----|---------------------------------------|---------|
| Σ   | Yarn guide complete E7-8 IFF 24        | 256 935 |  |     |                                       |         |
|     | Yarn guide complete E7-8 IFF 32        | 245 162 |  |     |                                       |         |
| 1   | IFF carriage complete 1+8 E7-8         | 259 736 |  | 5   | Limiter on the left with two eyelets  | 244 446 |
|     | 1a IFF carriage 1+8                    | 259 728 |  |     | 550 Eyelet holder complete            | 022 324 |
|     | 1b Yarn carrier head 1+8 complete E7-8 | 244 082 |  |     | 551 Eyelet holder complete            | 022 323 |
| 2   | IFF carriage complete 2+7 E7-8         | 259 737 |  |     | 552 Eyelet 4,2                        | 021 499 |
|     | 2a IFF carriage 2+7                    | 259 729 |  |     | 553 Cap screw M3,5x4                  | 020 011 |
|     | 2b Yarn carrier head 2+7 complete E7-8 | 244 083 |  | 6   | Limiter on the right with two eyelets | 244 445 |
| 3   | IFF carriage complete 3+6 E7-8         | 259 738 |  | c   | Yarn guide angle                      | 242 863 |
|     | 3a IFF carriage 3+6                    | 259 730 |  | 500 | Pan-head screw M4x5                   | 239 549 |
|     | 3b Yarn carrier head 3-6 complete E7-8 | 244 084 |  | 501 | Washer4                               | 020 870 |
| 4   | IFF carriage complete 4+5 E7-8         | 259 739 |  |     |                                       |         |
|     | 4a IFF carriage 4+5                    | 259 731 |  |     |                                       |         |
|     | 4b Yarn carrier head 3-6 complete E7-8 | 244 084 |  |     |                                       |         |

