

Winding system for coils and spools, manual

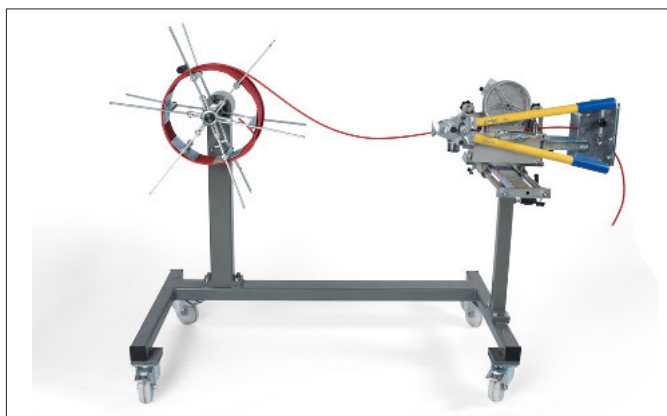
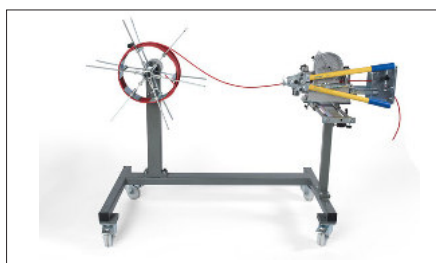


Fig. 1 MESSROL 1000 with MESSBOI 40 BAE , MATIS 25 M and RAPID 600SP



Fig. 2 MESSROL 670 with MESSBOI 30 and RAPID 600 SP

The MESSROL generation is a flexible modular system for manual winding jobs. The flexibility of this system is made up by the different coil sizes, the measuring and cutting units with their various operational possibility as well as by the different coiling winches. Lockable steering rollers allow its use in smaller drum stores. Of course, the MESSROL system is also suitable for direct winding out of drum storage racks, pay-off systems or drum pay-out devices. It guarantees easy winding with simultaneous length measuring.



MESSROL 1000 Part No. 85100015

Complete device consisting of:

| | | | |
|-------------------|------------------|--------------|---------------------|
| Basic frame | Art-Nr. 85100439 | RAPID 600 SP | Art.Nr. 85100091 |
| MESSBOI 40 BAE | Art-Nr. 85100003 | | |
| Inlet roller cage | Art-Nr. 85100189 | Colour | RAL 7005 mouse grey |
| MATIS 25 | Art-Nr. 85100163 | Weight | abt. 80 kg |

| Base frame | MESSROL 1000 Part No. 85100439 | MESSROL 670 Part No. 86180439 |
|------------|-----------------------------------|----------------------------------|
|------------|-----------------------------------|----------------------------------|

| | | |
|--------------------|--------------------------|-------------------------|
| Coiling head-Ø | max. 1000 mm | max. 670 mm |
| Coiler head holder | 30 mm | 30 mm |
| Traversing width | 250 mm | 250 mm |
| L x W x H | abt. 1200 x 710 x 910 mm | abt. 860 x 680 x 910 mm |
| Colour | RAL 7005, mouse grey | RAL 7005, mouse grey |
| Weight | abt. 51 kg | abt. 41 kg |

Scope: Steel profile frame, braked steering rollers, traversing slide with holder for measuring unit

| MESSBOI 40 BAE | without roller cages | Part No. | 85100003 |
|----------------|----------------------|----------|----------|
|----------------|----------------------|----------|----------|

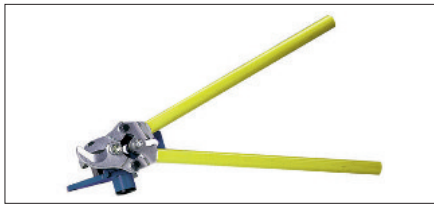
| | | | |
|--------------------|----------------------|----------|---------------------------------|
| Winding material-Ø | 1- 40 mm | Material | Steel/Stainless steel/Aluminium |
| Display | 9999,99 m | | |
| L x W x H (mm) | abt. 320 x 320 x 280 | | |
| Weight | abt. 12 kg | | |

Length measuring accuracy with inlet and outlet roller cages: +/- 0,5 %

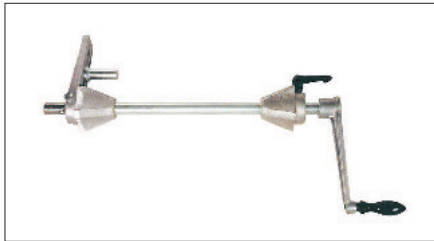
| Roller cages (2 pcs.) | 85100185 | 85100186 |
|-----------------------|----------|----------|
|-----------------------|----------|----------|

| | | |
|-------------------------------------|-------------------|--|
| for direct winding out from pay off | | for direct winding out of the storage rack |
| Roller-Ø outlet | 35 mm | 35 mm |
| Roller-Ø inlet | 35 mm | 80 mm |
| Material-Ø | 40 mm | 40 mm |
| Weight | abt. 10 kg/pair | abt. 10 kg/pair |
| Material | | |
| Housing | Steel zinc plated | Steel zinc plated |
| Guiding rollers inlet | Stainless steel | Plastic |
| Guiding rollers outlet | Stainless steel | Stainless steel |

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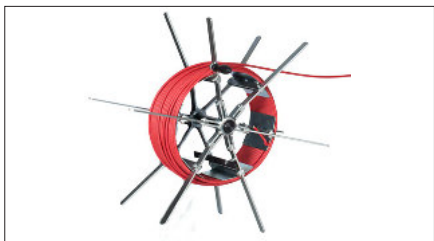
| MATIS 25 M | Part No. 85100163 | MATIS 35 M | Part No. 85100162 |
|------------------------|-------------------|------------------------|-------------------|
| Material-Ø | max. 25 mm | Material-Ø | max. 35 mm |
| Weight | abt. 4,9 kg | Weight | abt. 3,9 kg |
| Colour plastic coating | yellow | Colour plastic coating | yellow |



| Winding axle | | Part No. 85100435 | |
|------------------|-------------|-------------------|--------------|
| Drum-Ø | max. 800 mm | Driver distance | 70 - 170 mm |
| Drum width | max. 520 mm | Drum bores | Ø 40 - 80 mm |
| Loading capacity | max. 50 kg | Weight | abt. 8,4 kg |
| Axle-Ø | 30 mm | Colour | zinc plated |
| Driver-Ø | 25 mm | | |



| Winding axle | | Part No. 85100555 | |
|-----------------------------|--|-------------------|-------------|
| Spool width (at bore 35 mm) | | | max. 430 mm |
| Spool width (at bore 50 mm) | | | max. 445 mm |
| Spool width (at bore 85 mm) | | | max. 475 mm |
| Axle-Ø | | | 30 mm |
| Core hole of the spool | | | 35-85 mm |
| Loading capacity | | | max. 100 kg |
| Weight | | | abt. 10 kg |
| Colour | | | zinc plated |



| RAPID 600 SP | | Part No. 85100091 | |
|---------------|-------------|-------------------|-------------|
| Coil-Ø | max. 600 mm | Axle holder-Ø | 30 mm |
| Winding width | 120 mm | Weight | abt. 8 kg |
| Core-Ø | 300 mm | Colour | zinc plated |
| Coil weight | max. 25 kg | | |



| | RAPID 670 ST Part No. 85100465 | RAPID 850 ST Part No. 85100466 | RAPID 1000 ST Part No. 85100884 |
|----------------------|-----------------------------------|-----------------------------------|------------------------------------|
| Coil-Ø | max. 670 mm | max. 850 mm | max. 1000 mm |
| Core adjusting range | 250/400/500 mm | 250/350/450 mm 550/650 mm | 250/350/450 mm 550/650 mm |
| Coiling width | 80 - 250 mm | 80 - 250 mm | 80 - 250 mm |
| Loading capacity | max. 80 kg | max. 80 kg | max. 80 kg |
| Axle holder-Ø | 30 mm | 30 mm | 30 mm |
| Weight | abt. 25 kg | abt. 30 kg | abt. 35 kg |
| Colour | RAL 2004, orange | RAL 2004, orange | RAL 2004, orange |



| RAPID 480 SL | | Part No. 85100083 | |
|----------------------|-------------|-------------------|------------------|
| Coil-Ø | max. 480 mm | Axle holder-Ø | 30 mm |
| Core adjusting range | 200-370 mm | Weight | abt. 40 kg |
| Coiling width | 50 - 250 mm | Colour | RAL 2004, orange |
| Loading capacity | max. 65 kg | | |



| RAPID 800 SL | | Part No. 85100174 | |
|----------------------|-------------|-------------------|------------------|
| Coil-Ø | max. 800 mm | Axle holder-Ø | 30 mm |
| Core adjusting range | 300-550 mm | Weight | abt. 70 kg |
| Coiling width | 50 - 250 mm | Colour | RAL 2004, orange |
| Loading capacity | max. 80 kg | | |

Dimensions and specifications may be changed without prior notice. Issue 01/2017.