

## Winding system for coils and spools, manual

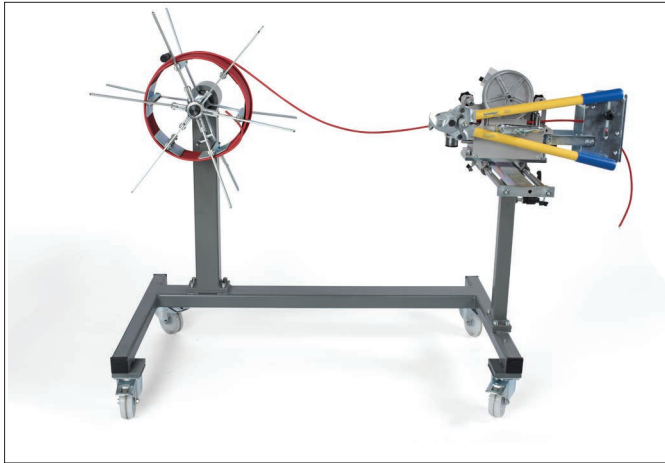


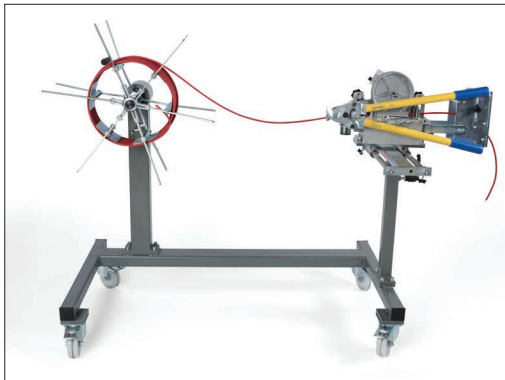
Fig. 1 MESSROL 1000 with MESSBOI 40 BAE , MATIS 25 M and RAPID 600SP



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 different coil sizes, spool winding axles, measuring and cutting units with various possibilities. 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.

### Complete devices



MESSROL 1000	Part No. 85100015
Complete device consisting of:	
Basic frame	Part No. 85100439
MESSBOI 40 BAE	Part No. 85100003
Inlet roller cage	Part No. 85100189
MATIS 25	Part No. 85100163
RAPID 600 SP	Part No. 85100091
L x W x H	approx. 1250 x 710 x 910 mm
Colour	RAL 7005 mouse grey
Weight	approx. 80 kg



MESSROL 670	Part No. 86100015
Complete device consisting of:	
Basic frame	Part No. 86180439
MESSBOI 30	Part No. 85001000
RAPID 600 SP	Part No. 85100091
L x W x H	approx. 880 x 680 x 1210 mm
Colour	RAL 7005 mouse grey
Weight	approx. 52 kg



MESSROL 1000 RM	Part No. 86180500
Complete device without measuring unit consisting of:	
Basic frame	Part No. 86180440
RAPID 850 ST	Part No. 85100466
L x W x H	approx. 1200 x 710 x 1135 mm
Colour	RAL 7005 mouse grey
Weight	approx. 75 kg

## Winding system for coils and spools, manual

### Basic frames



Basic frame	MESSROL 1000 Part No. 85100439	MESSROL 670 Part No. 86180439
Coiler head-Ø	max. Ø1000 mm	max. Ø 670 mm
Coiler head holder	30 mm	30 mm
Traversing width	250 mm	250 mm
L x W x H	approx. 1200 x 710 x 910 mm	approx. 860 x 680 x 910 mm
Weight	approx. 51 kg	approx. 41 kg
Scope: Steel profile frame, lockable steering rollers, traversing slide with holder for measuring unit		

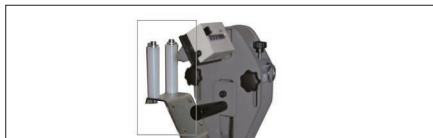


Basic frame	MESSROL 1000 RM Part No. 86180440
Coiler head-Ø	max. Ø1000 mm
Coiler head holder	30 mm
Traversing width	250 mm
L x W x H	ca. 1200 x 710 x 910 mm
Weight	approx. 35 kg
Scope: Steel profile frame, lockable steering rollers	

### Length measuring units



MESSBOI 30	Part No. 85001000
Measuring range	1 - 30 mm
Counter	9999,99 m
L x W x H (mm)	approx. 130 x 130 x 320 mm
Measuring wheel	aluminum
Colour	RAL 7005, mouse grey
Weight	approx. 2,2 kg



Roller cages for MESSBOI 30	Part No. 85100541
for winding process from an unwinder	
Additional roller cages for a better guidance of the material	



MESSBOI 40 BAE	Part No. 85100003
Measuring range	1 - 40 mm
Counter	9999,99 m
L x W x H	approx. 320 x 320 x 280 mm
Weight	approx. 12 kg
Measuring wheel	aluminum with synthetic surface
Length measuring accuracy with inlet and outlet roller cages: +/- 0,5 %	



Rollercages (Pair) In- and outlet roller cages for MESSBOI 40 BAE	Part Nr. 85100185	Part No. 85100186
	for winding process from an unwinder	for winding process from a cable drum rack
Measuring range	40 mm	40 mm
Roller-Ø Outlet	35 mm	35 mm
Roller-Ø Inlet	35 mm	80 mm
Weight	approx. 10 kg/Pair	approx. 10 kg/Pair
Housing	stainless, zinc plated	stainless, zinc plated
Guiding rollers inlet	stainless steel	synthetic
Guiding rollers outlet	stainless steel	stainless steel



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**Inlet roller cage (piece)** **Part. No. 85100189**  
for MESSBOI 40 BAE

Rollers horizontally adjustable

Material range 40 mm

Roller-Ø oben 80 mm

Rollen-Ø unten 35 mm

Housing steel, zinc plated

Guiding rollers stainless steel / synthetic

Weight 5 kg



**Inlet or outlet roller cage (piece)** **Part. No. 86001454**  
for MESSBOI 40 BAE

Rollers horizontally and vertically adjustable

Material range 40 mm

Roller-Ø (Up) 35 mm

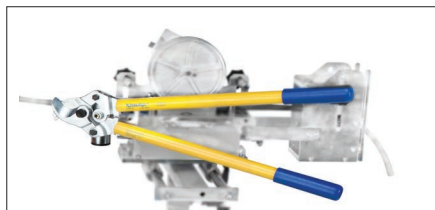
Roller-Ø (Down) 35 mm

Housing steel, zinc plated

Guiding rollers stainless steel

Weight 5 kg

### Cutting units



**MATIS 25 bolt cutter mounted** **Part. No. 85100163**  
on MESSBOI 40 BAE

Cutting material-Ø max. 25 mm

Weight approx. 4,9 kg

Colour plastic cover yellow



**MATIS 35 bolt cutter loose** **Part. No. 85100162**

Cutting material-Ø max. 35 mm

Weight approx. 3,9 kg

Colour plastic cover yellow



**MATIS 40 lever shear** **Part. No. 86001132**

for cables (fine wire)

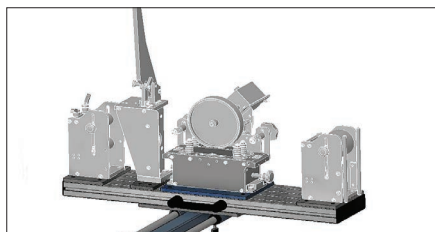
Cable-Ø max. 40 mm

B x D x H 110 x 130 x 720 mm

Weight 8,3 kg

Material blades made of oxide ceramics

Complete closed knife. Cut release via hand lever.



**Alu profile for lever shear** **Part. No. 86100005**

With mounting plates for roller cages, measuring unit and lever shear onto MESSROL

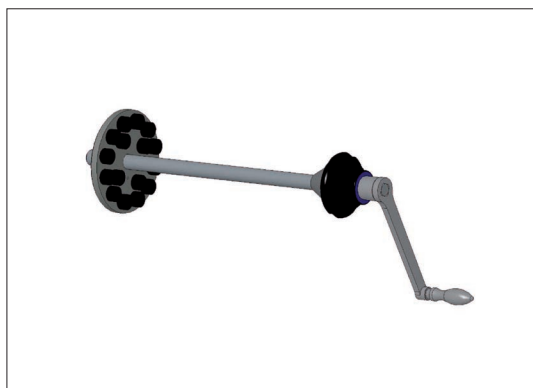
Note: Length of the alu profile depends on module-based structure

## Winding system for coils and spools, manual

### Winding axles for spool winding

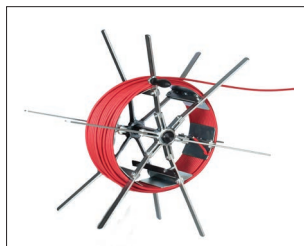


Winding axle	Part No. 85100435
Drum-Ø	max. 800 mm
Drum width	max. 520 mm
Loading capacity	max. 50 kg
Axle-Ø	30 mm
Driver-Ø	25 mm
Driver distance	70 - 170 mm
Drum bores	Ø 40- 80 mm
Weight	approx. 8,4 kg
Colour	zinc plated



Winding axle	Part No. 85100555
Drum-Ø	max. 800 mm
Drum width at a bore of 35 mm	max. 430 mm
Drum width at a bore of 50 mm	max. 445 mm
Drum width at a bore of 85 mm	max. 475 mm
Loading capacity	max. 100 kg
Axle-Ø	30 mm
Drum bores	35-85 mm
Weight	approx. 10 kg
Colour	zinc plated

### Coiler head / reeling winch for coil winding



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



Coiler head adjustable in steps	RAPID 480 ST Part No. 85100557	RAPID 670 ST Part No. 85100465	RAPID 850 ST Part No. 85100466	RAPID 1000 ST Part No. 85100884
Coil-Ø	max. 480 mm	max. 670 mm	max. 850 mm	max. 1000 mm
Core adjusting range	200/250/300/350 mm	250/400/500 mm	250/350/450 mm 550/650 mm	250/350/450 mm 550/650 mm
Coil width	80 - 250 mm	80 - 250 mm	80 -250 mm	80 -250 mm
Loading capacity	max. 50 kg	max. 80 kg	max. 80 kg	max. 80 kg
Axle holder-Ø	30 mm	30 mm	30 mm	30 mm
Weight	approx. 25 kg	approx. 28 kg	approx. 32 kg	approx. 38 kg
Colour	RAL 2004, orange	RAL 2004, orange	RAL 2004, orange	RAL 2004, orange



Coiler head continuously adjustable	RAPID 480 SL Part No. 85100083	RAPID 800 SL Part No. 85100174
Coil-Ø	max. 480 mm	max. 800 mm
Core adjusting range	200-370 mm	300-550 mm
Coil width	50- 250 mm	50-250 mm
Loading capacity	max. 65 kg	max. 80 kg
Axle holder-Ø	30 mm	30 mm
Weight	approx. 40 Kg	approx. 70 kg
Colour	RAL 2004, orange	RAL 2004, orange

