

Winding head and winding axle

Winding options for precision and comfort

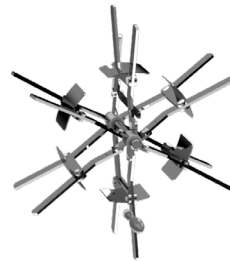
Our various winding heads and winding axles offer you the flexibility to wind rings, spools and reels with maximum precision. Whether for different materials, diameters or lengths - our solutions adapt to your requirements and enable effortless winding for an optimised winding process.



Winding head RAPID SL
Stepless adjustment
of the inner ring Ø



Winding head RAPID ST
Adjustment of the
inner ring Ø in steps



Winding head RAPID SP
Foldable with fixed
inner ring Ø



Winding axles
For holding
spools and reels

Winding head

Our RAPID winding heads enable rings to be wound quickly, easily and precisely. Depending on the material diameter and desired winding length, we offer the perfect solution for your application thanks to a wide range of winding heads. Variable core adjustments or the simple folding of smaller winding heads save time and offer a high level of operating convenience. Large recesses on the winding head make it easier to tie the finished cable ring. Thanks to the high load capacity, even heavy rings can be wound almost effortlessly.

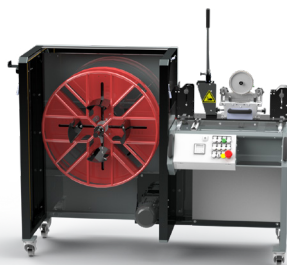
Winding axle

From small spools to large reels. A large selection of winding axles enables winding on spools and reels of different dimensions. Winding axles with drive pins or quick-release fasteners guarantee perfect reel entrainment.

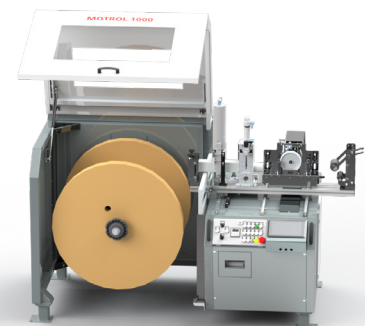
Application examples



RAPID SP winding head in combination
with our MESSROL 450 manual ring and
spool rewinder



RAPID SL winding head in combination
with our MESSROL 800 EASY winding
machine



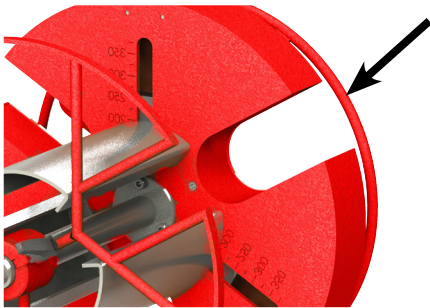
Winding axle with reel in combination
with our MOTROL 1000 winding
machine

Winding head

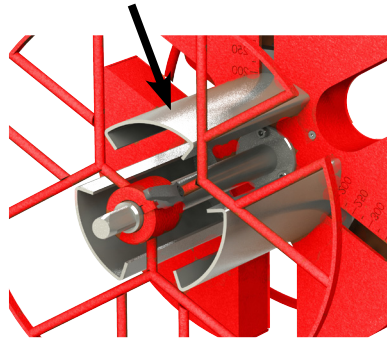
RAPID SL

Winding head with stepless adjustment of the inner ring Ø

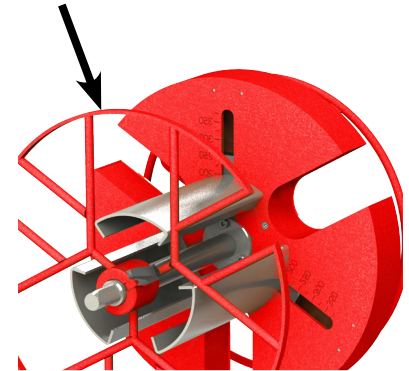
For short set-up times, we recommend this RAPID SL series **with stepless adjustment of the inner ring Ø**. The inner ring diameter can be changed in seconds by simply turning the handwheel. The winding material can be removed very easily. The winding head is available with or without an additional hand crank. The attachable hand crank is required for manual winding. Shown here without crank handle.



Inner ring Ø, steplessly and flexibly adjustable by turning the wheel



Wind the material onto the core. Outer ring diameter depends on the winding head size



Tie off the ring, remove the counter ring and remove the ring

Shown here without hand crank



RAPID 480 SL with hand crank for MESSROL 500 / 670 / 1000 TISCHROL 1000		Part no. 85100083	
RAPID 480 SL without hand crank for MOTROL KOMBITRAK 800		Part no. 85100082	
Outer ring Ø	max. 480 mm	Load capacity	max. 65 kg
Inner ring Ø (stepless)	200 - 370 mm	Weight	approx. 40 kg
Ring width	50 - 250 mm	Colour	RAL 3020, traffic red
Axle mounting Ø	30 mm	Core segments	3 pieces



RAPID 800 SL with hand crank for MESSROL 670 / 1000 TISCHROL 1000		Part no. 85100174	
RAPID 800 SL without hand crank for MOTROL UMROL KOMBITRAK 800		Part no. 85100101	
Outer ring Ø	max. 800 mm	Load capacity	max. 80 kg
Inner ring Ø (stepless)	300 - 500 mm	Weight	approx. 70 kg
Ring width	50 - 250 mm	Colour	RAL 3020, traffic red
Axle mounting Ø	30 mm	Core segments	4 pieces



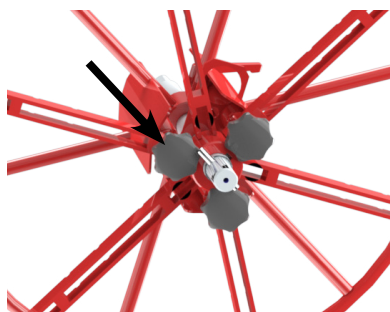
RAPID 1000 SL with hand crank for MESSROL 670 / 1000 TISCHROL 1000		Part no. 86001457	
RAPID 1000 SL without hand crank for MOTROL UMROL		Part no. 86000671	
Outer ring Ø	max. 1000 mm	Load capacity	max. 100 kg
Inner ring Ø (stepless)	550 - 800 mm	Weight	approx. 85 kg
Ring width	50 - 250 mm	Colour	RAL 3020, traffic red
Axle mounting Ø	30 mm	Core segments	5 pieces

Winding head

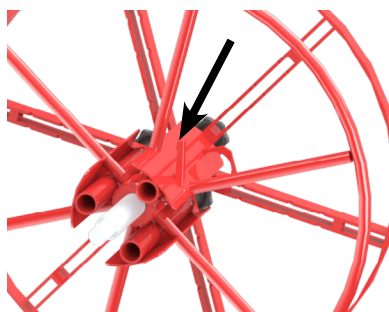
RAPID ST

Winding head with adjustment of the inner ring Ø in steps

These winding heads are suitable for winding different material diameters and winding lengths. The inner diameter of **the ring can be individually adjusted in steps** so that the inner diameter of the finished ring is variable. The winding head is available with or without an additional hand crank. The attachable hand crank is required for manual winding. Shown here with hand crank.



Inner ring Ø, adjustable in steps by loosening the adjusting screws



Wind the material onto the core. Outer ring diameter depends on the winding head size



Tie off the ring, remove the counter ring and remove the ring

Shown here with hand crank



RAPID 480 ST with hand crank for MESSROL 500 / 670 / 1000 TISCHROL 1000			Part no. 85100557
RAPID 480 ST without hand crank for MOTROL			Part no. 85100556
Outer ring Ø	max. 480 mm	Load capacity	max. 50 kg
Inner ring Ø (in steps)	200 / 250 / 300 / 350 mm	Weight	approx. 25 kg
Ring width	80 - 250 mm	Colour	RAL 3020, traffic red
Axle mounting Ø	30 mm		



RAPID 670 ST with hand crank for MESSROL 670 / 1000 TISCHROL 1000			Part no. 85100465
RAPID 670 ST without hand crank for MOTROL			Part no. 85100527
Outer ring Ø	max. 670 mm	Load capacity	max. 80 kg
Inner ring Ø (in steps)	250 / 400 / 500 mm	Weight	approx. 28 kg
Ring width	80 - 250 mm	Colour	RAL 3020, traffic red
Axle mounting Ø	30 mm		



RAPID 850 ST with hand crank for MESSROL 670 / 1000 TISCHROL 1000			Part no. 85100466
RAPID 850 ST without hand crank for MOTROL			Part no. 85100458
Outer ring Ø	max. 850 mm	Load capacity	max. 80 kg
Inner ring Ø (in steps)	250 / 350 / 450 / 550 / 650 mm	Weight	approx. 32 kg
Ring width	80 - 250 mm	Colour	RAL 3020, traffic red
Axle mounting Ø	30 mm		



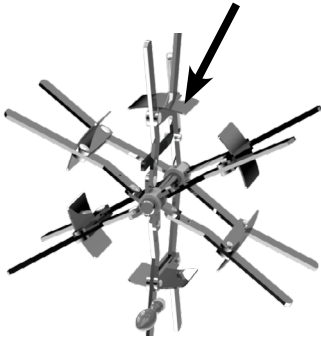
RAPID 1000 ST with hand crank for MESSROL 670 / 1000 TISCHROL 1000			Part no. 85100884
RAPID 1000 ST without hand crank for MOTROL			Part no. 85004250
Outer ring Ø	max. 1000 mm	Load capacity	max. 80 kg
Inner ring Ø (in steps)	250 / 350 / 450 / 550 / 650 mm	Weight	approx. 38 kg
Ring width	80 - 250 mm	Colour	RAL 3020, traffic red
Axle mounting Ø	30 mm		

Ringwickelkopf

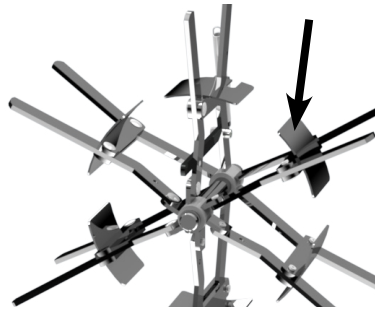
RAPID SP

Folding winding head with fixed inner ring Ø

The inner **ring diameter of these winding heads is constant**. They are characterised by their simple ring removal after winding. Six hinged bars can be folded in on themselves in one movement, making handling quick and easy.



The inner ring diameter is constant and cannot be changed



Wind the material onto the core. Outer ring diameter depends on the winding head size



Tie off the ring, fold the bars inwards and remove the ring



RAPID 400 SP for MESSROL 450 TISCHROL 450 MOTROL			Part no. 85100089
Outer ring Ø	max. 400 mm	Load capacity	max. 15 kg
Inner ring Ø (fixed)	130 mm	Weight	approx. 4 kg
Ring width	max. 70 mm	Surface	galvanised
Axle mounting Ø	20 mm		



RAPID 450 SP for MESSROL 450 TISCHROL 450 MOTROL			Part no. 85100090
Outer ring Ø	max. 450 mm	Load capacity	max. 15 kg
Inner ring Ø (fixed)	250 mm	Weight	approx. 4.5 kg
Ring width	max. 70 mm	Surface	galvanised
Axle mounting Ø	20 mm		



RAPID 600 SP for MESSROL 670 / 100 TISCHROL 1000 MOTROL			Part no. 85100091
Outer ring Ø	max. 600 mm	Load capacity	max. 25 kg
Inner ring Ø (fixed)	300 mm	Weight	approx. 8 kg
Ring width	max. 120 mm	Surface	galvanised
Axle mounting Ø	30 mm		



Adapter for winding heads		Part no. 85100106
Mounting size 30 mm to 20 mm		
Necessary for the articles 85100086 - 85100090, 85100100, 87000188		

Winding head

RAPID 320 | Zubehör

Winding head with fixed inner ring Ø

This winding head is suitable for winding different material diameters and winding lengths. The **core segments fold together when the counter flange is removed**. This makes it easy and convenient to remove the previously tied ring. No hand crank is available for this winding head.



RAPID 320 for TISCHROL 450 MOTROL 500 / 800			Part no. 85004230
Outer ring Ø	max. 320 mm	Load capacity	max. 15 kg
Inner ring Ø (fixed)	130 mm	Weight	approx. 8.5 kg
Ring width	max. 70 mm	Surface	Steel / Aluminium
Axle mounting Ø	20 mm		

Accessories for winding heads



Wire rope loop suitable for RAPID SL and RAPID ST winding heads	Part no. 85100882
For cable fastening at the start of the cable (thicker cables)	
Winding material Ø	max. 40 mm



Cable clamp suitable for RAPID SL winding heads	Part no. 86001456
For cable fastening at the start of the cable (thinner cables)	
Winding material Ø	max. 12 mm



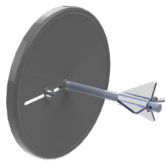
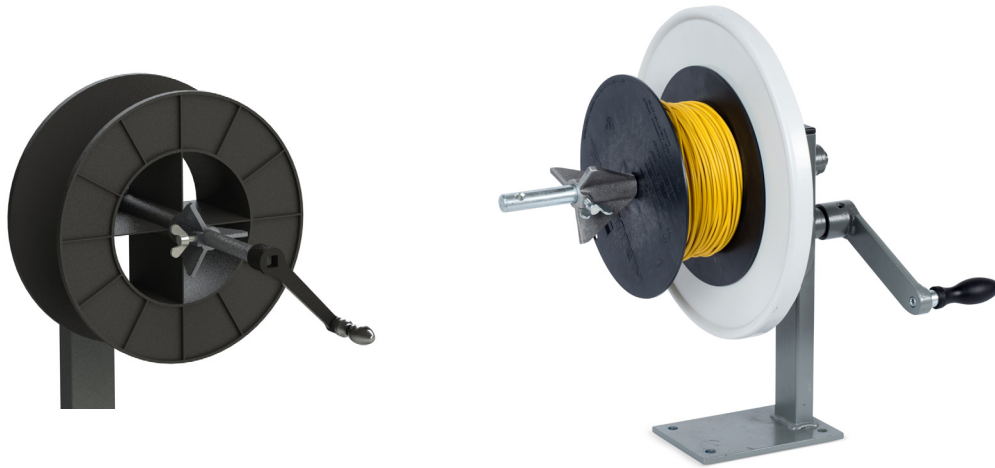
Transport trolley for winding heads	Part no. 85100105
Winding head Ø	max. 800 mm
L x W x H	600 x 500 x 150 mm
Weight	approx. 15 kg
Colour	RAL 3020, traffic red
incl. four swivel castors with brakes	

Winding axle

For spools and reels

Winding axle

From small spools to large reels. A large selection of winding axles enables winding on spools and reels of different dimensions.



Winding axle for TISCHROL 450			Part no. 85100100
Spool / reel outer Ø	max. 300 mm	Axle Ø	16 mm
Spool / reel width (depending on core bore)	max. 165 mm	Load capacity	max. 10 kg
Core bore	Ø 25 - 80 mm	Weight	approx. 1.5 kg
Axle mounting Ø	20 mm	Colour	RAL 7035, light grey



Winding axle with hand crank for MESSROL 450			Part no. 86118100
Spool / reel outer Ø	max. 310 mm	Axle Ø	16 mm
Spool / reel width (depending on core bore)	max. 220 mm	Load capacity	max. 10 kg
Core bore	Ø 25 - 80 mm	Weight	approx. 8 kg
Axle mounting Ø	20 mm	Colour	RAL 7035, light grey



Winding axle with driving pin & hand crank for MESSROL 500 / 670 / 1000 TISCHROL 1000			Part no. 85100435
Spool / reel outer Ø	max. 800 mm	Axle Ø	30 mm
Spool / reel width (depending on core bore)	max. 520 mm	Load capacity	max. 60 kg
Driving pin	Ø 25 mm with adjustment range 70 - 170 mm	Weight	approx. 8 kg
Core bore	Ø 40 - 80 mm	Surface	galvanised
Axle mounting Ø	30 mm		

Winding axle

For spools and reels

Winding axles with quick-release fastener

One side is **driven by a rubber buffer**, so no driving pin is required. On the other side, a conical centring piece is used. The quick-release fastener makes it possible to change spools or reels quickly.



Winding axle with hand crank for MESSROL 500 / 670 / 1000 TISCHROL 1000			Part no. 85100555
Spool / reel outer Ø	max. 800 mm	Axle Ø	30 mm
Spool / reel width (depending on core bore)	max. 475 mm	Load capacity	max. 100 kg
Core bore	Ø 35 - 85 mm	Weight	approx. 10 kg
Axle mounting Ø	30 mm	Surface	galvanised



Winding axle Ø 20 for MOTROL 500 / 800 EASY / 800			Part no. 87000249
Spool / reel outer Ø	max. 500 mm (bei MOTROL 500)	Axle Ø	Ø 20 mm
	max. 800 mm (bei MOTROL 800 EASY / 800)	Load capacity	max. 45 kg
Spool / reel width (depending on core bore)	max. 310 mm	Weight	approx. 9 kg
Core bore	22 - 50 mm	Surface	galvanised
Axle mounting Ø	30 mm		



Winding axle Ø 30 for MOTROL 500 / 800 EASY			Part no. 87000223
Spool / reel outer Ø	max. 500 mm (bei MOTROL 500)	Axle Ø	Ø 30 mm
	max. 800 mm (bei MOTROL 800 EASY / 800)	Load capacity	max. 100 kg
Spool / reel width (depending on core bore)	max. 340 mm	Weight	approx. 10 kg
Core bore	36 - 80 mm	Surface	galvanised
Axle mounting Ø	30 mm		



Winding axle Ø 30 for MOTROL 800 / 1000			Part no. 87000224
Spool / reel outer Ø	max. 800 mm (bei MOTROL 800)	Axle Ø	Ø 30 mm
	max. 1000 mm (bei MOTROL 1000)	Load capacity	max. 100 kg
Spool / reel width (depending on core bore)	max. 450 mm	Weight	approx. 10 kg
Core bore	36 - 80 mm	Surface	galvanised
Axle mounting Ø	30 mm		



Winding axle Ø 55 / 79 (stepped) for MOTROL 1000			Part no. 87000090
Spool / reel outer Ø	max. 1000 mm	Axle Ø	Ø 55 / 79 mm
Spool / reel width (depending on core bore)	max. 740 mm	Load capacity	max. 350 kg
Core bore	56 - 107 mm	Weight	approx. 28 kg
Axle mounting Ø	30 mm	Surface	galvanised