

MOTORIZED DEREELER

MAC
1000-1300

For reeled flexible round
and flat cables



MAC1000 is designed to dereel flexible round or flat cables and feed cutting machines or cut / strip machines. Continuous cable adjustment is achieved by the pulleys through which the cable passes.

This system prepares a cable reserve for cut / strip machines and cutting machines, and automatically adjusts the machine's parameters.

The MAC1000 dereeler is independent and dereels the cable only when it is pulled by cut / strip machines or cutting machines. When it is connected to the cut / strip machine, both machines must be set to START to begin cable processing.

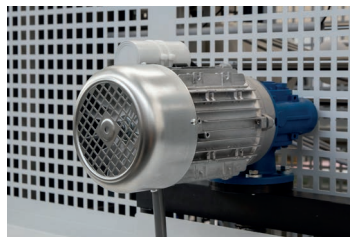
Movement transmission is achieved through an automatic braking gear motor which stops the coil in case of an emergency or if the doors of the dereeler are opened. The entire unit is mounted on swiveling wheels to facilitate the insertion of the reel, and contains a mechanical system to raise the reel.

A safety device mounted on the first pulley halts the machine in case of emergency, if the cable is not dereeling correctly. The unit is cased in perforated metal screen which protects the operator from all moving parts yet allows constantly visibility of the job at hand.

Manufactured using high quality methods and materials, the machine guarantees long term durability. All mechanical details are treated to prevent environmental oxidation.

The mechanical movement components are assembled on bearings and the sliding shafts are ground, hardened and mounted on bushings.

Electronic parts are produced with reliability and functionality in mind, using high integration components, while the top quality pneumatic parts can be easily found in Europe and abroad. The electrical system conforms to EN60204-1 industry regulations.





Some details

TECHNICAL SPECIFICATIONS

	MAC 1000	MAC1300
Reel lifting		Motorized
Instantaneous electronic braking device in case of back-stop in the dereeling phase	✓	✓
Reel diameter to be lifted	min. 500 mm - max. 1000 mm	min. 500 mm - max. 1300 mm
Reel width	max. 650 mm	730 mm
Reel weight to be lifted	max. 450 Kg	700 Kg
Diameter of flexible multicore cables	max. 18 mm (check cable flexibility)	
Width of flexible flat cables	max. 18 mm (check flat cable flexibility)	
Reel hole	min. 65 - max. 90 mm	min. 70 - max.90 mm
Dereeling speed	2 mt/sec	
Power supply absorption	230V 50-60Hz - 7A	230V - 50-60Hz - 9A
Air supply	max. 6 bar	
Overall dimensions	1700 x 1600 x H1720 mm	1880 x 1630 x H1930 mm
Weight	Kg. 500	Kg. 560



Inline assembly example:
 1 Motorized dereeler
 2 Cut, strip & unjacket machine

ACCESSORIES INCLUDED

The machine is delivered with the following accessories:

- Reel rod kit
- Reel rods and centering cones for reels with holes with diameter = 65 mm – 90 mm

ACCESSORIES AVAILABLE UPON REQUEST

- Special reel rods with personalized centering cones
- Pulleys with special dimensions for big diameters
- Non-motorized dancer