

BASICS:

Cable recoil detection

The cable end is fastened to the cable spool.
The cable has jammed on the spool.
The cable is stuck.
The cable recoil detection reacts to the faulty feeding device by switching off the machine.

Hand-held remote control

This allows very simple operation for the clamping and threading of the cable in the cable reservoir (e.g. clamping, releasing, lifting, lowering, winding the cable spool forward and back).

Cable reservoir

The swinging arm mounted on the machine is responsible for the gentle transport with controlled tensile force. The reservoir filling (number of cable metres) also determines the possible processing speed with the downline processing machine.

Cable spool holder/clamping system/spool centering

This unique spool clamping system was developed by ramatech to allow the operator the easiest possible handling of the cable spools. Even heavy cable spools can be rolled into the dereeler and easily lifted and clamped using the hand-held control pendant. Special spool centering devices ensure safe operation, and driving pins and spool axles become superfluous.

Additional loops (option)

You are operating a machine with the reservoir for rigid and large diameters. With the additional loops option you can also easily process flexible and thinner cables. The option is available with 1 additional loop or with two additional loops, depending on the cable type.

Cable end control (option)

The cable end control detects when a cable spool has come to an end by means of a sensor. As soon as this message is received, the machine is switched off. The cable end control is also available in a version with cable end clamp; this additionally clamps the cable when the cable end is detected.

OPTIONS:



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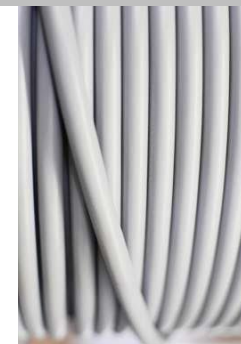
Cable Dereelers



ramatech
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- very sturdy and high performance
- the optimal cable feeder
- very easy handling

Technical specifications (subject to change without notice)

	rama 800	rama 1000	rama 1250
Cable spool diameter	up to 800 mm	up to 1050 mm	up to 1260 mm
Cable spool width	up to 650 mm	up to 750 mm	up to 850 mm
Cable spool weight	up to 300 kg	up to 600 kg	up to 1000 kg
Max. Cable outside diameter Version 18 Version 35	18 mm 35 mm	18 mm 35 mm	18 mm 35 mm
Max. Cable spool speed	285 min ⁻¹	285 min ⁻¹	190 min ⁻¹
Cable reservoir volume Version 18 with 1 additional loop (2 pulleys) 2 additional loops (4 pulleys) Version 35 with 1 additional loop (2 pulleys) 2 additional loops (4 pulleys)	1,5 – 3 m standard up to 4,5 m up to 6 m	1,5 – 3 m standard up to 4,5 m up to 6 m	with swinging arm reservoir
Spool clamping system	ramatech Spool clamping system	ramatech Spool clamping system	ramatech Spool clamping system
Operation	Hand-held remote control	Hand-held remote control	Hand-held remote control
Interfaces	Communication interface to cable processing machines		
Drive	Variable-frequency 3-phase AC motor with electro-mechanical brake		
Electrical connection	3x400 VAC, N 20A	3x400 VAC, N 30A	3x400 VAC, N 36A
Compressed air supply	6 bar	6 bar	6 bar
Dimension	150 x 110 x 100 cm width incl. reservoir 195 cm Extended accumulator height 265 cm	177 x 132 x 120 cm width incl. reservoir 195 cm Extended accumulator height 295 cm	approx. 192 x 158 x 138 cm + reservoir system
Weight	460 kg	625 kg	approx. 825 kg

Specials:

Hanging reservoir for very sensitive cable types (tension)



Automatic feeding of cables using the dereeling systems from ramatech

Are you looking for a system that can be easily integrated into new or existing production lines?

The processing speed of our easily operated dereelers adapts itself to the speed of the downline processing machine. The mounted reservoir transports your cables gently and with controlled tension. That avoids length deviations caused by uncontrolled elongation of the cable during feeding.

Cable spools can be quickly changed with no great effort, irrespective of their weight, by rolling in at floor level. Furthermore, additional loops on the cable reservoir allow thinner and flexible cables to be processed also without changing over.

Our dereelers which satisfy the high safety standard toCE are powerful and sturdy machines that can withstand even the highest loads. Minimised maintenance means low maintenance costs.

Your production is important to us. Just like you, we make high demands on our machine and invest a great deal of time in the development of perfect solutions for you.

Benefit from our decades of experience in this special field

