



CABLE COILERS



**COILING
LAYING
CUTTING**

COIL CABLES QUICKLY AND EFFICIENTLY

The cable coilers from ramatech are outstandingly powerful and flexible peripherals. Cables and flexible wires up to a diameter of 35 mm can be processed with the cable coilers. Parameters can be quickly and easily programmed at an LCD operator terminal. The fully automatic cable coilers feature interfaces to different cable processing machines, making them ideally suited as ancillary units and for effortlessly creating a complete processing line.

The KRI 400 SV cable coiler was specifically designed for tidily laying cables. This device is suitable for coiling cables onto spools as well as producing cable coils. Special adapters can also be used to coil cables directly onto plastic spools. This cable coiler is fitted with a separate length measuring and cutting unit. All parameters, as well as the length and laying pitch, can be easily programmed at the operator terminal with this coiler as well.

KRI SERIES

Fully automatic coiling system

The cable is fed from the cutting machine via a guide tube directly into the winding mandrel on the rotating cable coiler. The coiling diameters are individually adjustable.

After the coiling process, the mandrels are lowered automatically, the protection cover opens, and the cable coil can be removed. Even extremely heavy cable coils can be easily pushed away flat across a table.

The „SV“ version features a separate length measuring unit and is equipped with a laying unit with servo axle. This allows cables to be tidily coiled layer by layer.

To do this, the cable must always be slightly tensioned. All ramatech prefeeding systems with controlled cable storage systems are suitable for feeding the cable into the machine.

Coil cables efficiently and quickly!



KRI 400 T

Cable diameter up to max. 15 mm
Cable coils weight approx. up to 40 kg
Individual adjustable coiling diameter
After coiling process, the mandrels are lowered automatically

KRI 800 T

Cable diameter up to max. 35 mm
Cable coils weight approx. up to 80 kg
Individual adjustable coiling diameter
After coiling process, the mandrels are lowered automatically

KRI 400 SV

Cable diameter up to max. 15 mm (cutting unit)
The KRI 400 SV has its own length measuring and cutting unit
The servomotor layering unit ensures a high standard of layering quality to coils or spools.

TECHNICAL SPECIFICATIONS:

Performance	KRI 400 T	KRI 800 T	KRI 400 SV
Coil inner diameter	min. 120 mm	min. 250 mm / max. 600 mm	min. 120 - 250 mm
Coil outer diameter	max. 380 mm	max. 750 mm	max. 400 mm
Flexible cables diameter up to	max. 20 mm	max. 35 mm	max. 15 mm
Coil weight	40 Kg	80 Kg	
Control system	<ul style="list-style-type: none"> - SPS and operators LCD Terminal - Programmable parameters: - Inner and outer diameter of the coil - Pitch of the coil - Coiling distance after cutting - Retract time of pins 	<ul style="list-style-type: none"> - SPS and operators LCD Terminal - Programmable parameters: - Inner and outer diameter of the coil - Pitch of the coil - Coiling distance after cutting - Retract time of pins 	
Interfades	Synchronization with several types of prefeeding systems and cable processing machines ¹	Synchronization with several types of prefeeding systems and cable processing machines ¹	Synchronization with several types of prefeeding and cable rack systems
Speed	Coiling speed synchronized with the cable processing machine/ max. 2.5 m/s	Coiling speed synchronized with the cable processing machine/ max. 2.5 m/s	max. 3 m/s
Driving system	Frequency inverter controlled motor	Frequency inverter controlled motor	Servomotor
Power supply	230 VAC / 10 AT	230 VAC / 10 AT	3 x 380 VAC / 16 AT
Pneumatic	6 bar	6 bar	6 bar
Revolution	max. 310 min.-1	max. 133 min.-1	max. 310 min.-1
Weight	105 Kg	225 Kg	180 Kg
Dimension (LxWxH)	680 x 720 x 1130 mm	1230 x 1060 x 1260 mm	1200 x 720 x 1500 mm
Special	Base frame with four lockable castor rollers	Base frame with four lockable castor rollers	Base frame with four lockable castor rollers



Fully automatic coiling systems

The perfect coiler for your production line

Interfaces to prefeeding systems and cable processing machines



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