



Metzner CRC 750

Fully automatic coiling system for fast and efficient cable coiling

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Fully automated coiling system

Metzner



The Metzner CRC 750 cable coiler coils cables of even large diameters fully synchronously with the work cycle of the cable processing machine.

With its flexibility, the simple programming and the ergonomically well-thought out handling, the Metzner CRC 750 is the perfect extension to the cable processing machine for further increasing production output and efficiency.

Automatic and synchronous operation

With its performance features, the Metzner CRC 750 goes ideally with the Metzner AM 5000 series. Here, the cable is automatically

fed through a feeding pipe to a winding mandrel and is wound to a cable coil fully synchronously with the movements of the AM 5000.

After coiling, the winding mandrels move down independently and the protective hood opens. This way, the completed cable coil can be conveniently removed.

Strong performance

With a coil weight of up to 80 kg (176 lbs) and an inner coil diameter of 250mm (7.87") – 600mm (23.62"), the CRC 750 is ready to take on the most difficult demands and is able to manage the entire cable spectrum of the AM

5000 series up to 35mm (1.39") in cable diameter with sufficient flexibility. The following functions can be programmed via the installed PLC control:

- Inner and outer diameter of the cable coil
- Pitch
- Cable length (synchronised with Metzner AM 5000)
- Coil length after cutting
- Coil speed (synchronised with the Metzner AM 5000 series)

| Performance | Metzner CRC 750 |
|---------------------------|---|
| Types of cable | Flexible cables up to 35mm (1.39") in diameter |
| Cable ring inner diameter | From 250mm (7.87") up to 600mm (23.62") |
| Cable ring outer diameter | From 400mm (15.75") up to 750mm (29.53") |
| Weight of a cable ring | max. 80 kg (176 lbs) |
| Speed of the winding disc | max. 133 rpm |
| Technical data | |
| Dimensions (L x W x H) | 1230 x 1060 x 1260mm (48.42" x 41.73" x 49.61") |
| Electrical connection | 230 V / 1 Ph / 50 Hz / 10 A |
| Drive system | Frequency controlled motor |
| Required air pressure | 6 bar (87 psi) |
| Weight | 225 kg (496 lbs) |

Specifications are subject to change without notice.

Advantages at a glance

- Synchronous operation with Metzner cable processing machines
- Ergonomic removal of the cable coils
- Programmable coil diameter
- Simple menu-guided operation and programming

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