



PreFeeder 4300

Prefeeding Machine Dereeler Type

- Cable reels weighting up to 400 kg (880 lbs)
- All axes are electrically driven
- Shaftless design for easy loading and unloading of reels
- Controlled drive of the dereeling system with integrated brake
- Surveillance functions and security circuits with interface to downstream processing machines

PREFEEDING

PreFeeder 4300

Concept

The PreFeeder 4300 is a compact cable feeding system for cable reels weighting up to 400 kg (880 lbs). The system distinguishes itself through its simple design and ease of use. All axes are electrically driven. The PreFeeder 4300 features a shaftless design for easy loading and unloading of reels. The integrated cable accumulator controls the speed of the dereeler driver motor. Surveillance functions integrated into the control system ensure safe and reliable operation. With this concept, a cost efficient solution for a wide range of applications is achieved.

Function

- Electric reel clamping system
- Electric reel lifting system
- Controlled drive of the dereeling system with integrated brake
- Surveillance functions and security circuits with interface to downstream processing machines

Customer Benefit

- The PreFeeder 4300 is a powerful cable feeding system with an excellent price to performance ratio
- The simple operation concept with motorized axes allows reel handling by one person
- The high feeding dynamic allows higher production rates and increases the economic efficiency of the processing line
- Compact design

Options

- Centering cone sets (available in several sizes) to match the inner diameter of the cable reel arbor hole
- Custom made pulley sets for special cable types
- Reverse sensing system

Technical specifications	
Reel Diameter	400 – 900 mm (16 – 36")
Reel Width	280 – 660 mm (11 – 26")
Reel Arbor Diameter	40 – 125 mm (1.6 – 5.0")
Reel Weight	400 kg (880 lbs)
Maximum Cable Diameter	35 mm (1.4")
Maximum Dereeling Speed	140 rpm
Cable Accumulator Volume	1.42 m (56")
Dimensions (L x W x H) Net Weight	2'730 x 1'750 x 1'700 mm (107 x 68 x 67") 840 kg (1'848 lbs)
Power Supply	3 x 400 VAC, 5 KW, comp. air 6 bar (90 psi)
CE-Conformity	The PreFeeder 4300 fully complies with all CE and EMV equipment guidelines relative to mechanical and electrical safety and electro-magnetic compatibility.
Important Notice	Schleuniger recommends that wire samples be submitted in case where there is doubt as to the processing capabilities of a particular machine.