Schleuniger

PreFeeder 2500

Prefeeding Machine Dereeler Type

- Quick loading and unloading
- Simple assembly of the required control elements for easy handling
- Adjustable forward and backward feed direction

PREFEEDING

PreFeeder 2500

Concept
The Prefeeder 2500 is the ideal feeding system for wire, small cables and tubing. The feeding process allows rapid acceleration of the reel while maintaining low forces on the material being fed. The feed adjustment is carried out through a dancer arm accumulator.

Function
The PreFeeder 2500 is the perfect solution for feeding a wide spectrum of materials, as it is easy to integrate into a processing line.

Customer Benefit
The PreFeeder 2500 is the perfect accessory for feeding material to downstream processing machines. The PreFeeder 2500 feeds material at variable speeds while minimizing stress to the material being fed. This allows the material to be processed with the highest possible precision by downstream processing units.

Easy handling when changing reels allows for short changeover time.

Applications
With Dancer Arm Accumulator
- Flexible wire, cable and tubing up to 12 mm (0.5“) in diameter

Technical Specifications	
Spool diameter	630 mm (24.3“)
Spool width	475 mm (18.7)
Spool arbor diameter	30 mm (1.18“)
Wire spool weight	80 kg (176 lbs.)
Wire diameter	Up to 12 mm (0.5“) with dancer arm accumulator Larger cables in diamter with PrefeederControl 3
Maximum dereeling speed	265 rpm
Minimum wire tension force	2.5 N (0.6 lbf) (depending on the wire)
Maximum wire storage volume	5.3 m (17.3 ft) (when using 9 pulleys on dancer arm accumulator)
Power supply	100/115 VAC at 60 Hz or 240 VAC at 50 Hz
Compressed air	6 bar (90 psi) required for dancer arm pressure control
Dimensions	1220 x 900 x 1560 mm (48.0“ x 35.4“ x 61.4“)
Weight	89 kg (198 lbs)
CE – conformity	The PreFeeder 2500 fully complies with all CE and EMC equipment guidelines relative to mechanical and electrical safety and electromagnetic compatibility.
Important note	Schleuniger recommends that wire samples be submitted in cases where there is doubt as to the processing capabilities of a particular machine.