

# LF100/LF80/LF80HS



**MECATRONIC**

**Prefeeding Systems**

## DESCRIPTION

The Prefeeding Systems LF100/LF80/LF80HS can be integrated in processing lines with every cutting or cutting and stripping machine, marking machine and automatic cut-strip terminating machine, allowing a correct and linear feeding of the cable with a constant tension in both unwinding directions.

## FEATURES

- The prefeeders LF80 can be integrated in line with every cutting or cutting and stripping machine, marking machine and automatic cut-strip terminating machine, allowing a correct and linear feeding of the cable with a constant tension in both dereeling directions.
- The linear compensator is built by a transmission pulley set, reducing the traction load of the cable. The pulleys are kept in the correct position by a fine pressure pneumatic system that assures a steady reaction of the whole system.
- Adjustable exit of the cable
- Easy and short maintenance

## Technical Specification

	<b>LF100</b>	<b>LF80/LF80HS</b>
<b>Reel Diameter:</b>	max 1000 mm	max 800 mm
<b>Reel Weight:</b>	max 500 Kg	max 250 Kg
<b>Cable Dimensions:</b>	round cable max Ø14mm flat cable max width 12mm	round cable max Ø14mm flat cable max width 12mm
<b>Dimensions &amp; Weight:</b>	2000 x 1500 x 1500 mm / 200Kg	1550 x 1050 x 1300 mm / 150Kg
<b>Reservoir Capacity:</b>	approx 4 metri	
<b>Reservoir:</b>	Pneumatic adjustment of the cable tension (10-150N) by a fine pressure regulator. Possible pulleys' approach for an easy way of the cable	
<b>Control System:</b>	Speed control system for the reservoir. Emergency stop signal for inline processing.	
<b>Deereeling System:</b>	Inverter motorization.	
<b>Clamping System:</b>	Fast spool changeovers thanks to pneumatic piston with no effort for the operator.	
<b>RPM:</b>	max. 150 rpm	
<b>Power Supply</b>	220 VAC/ 50 HZ/ max 5 A	
<b>Compressed Air:</b>	6 Bar dry and not oiled.	
<b>Conformità CE:</b>	Prefeeding Systems LF100/LF80/LF80HS LF80 fully comply with all CE and EMC equipment guidelines relative to mechanical and electrical safety and electromagnetic compatibility.	
<b>Important:</b>	Mecatronic recommends to submit wire samples in case of doubt about the processing capabilities of a particular machine.	

Technical specifications are subject to change according to possible needs and without notice