

# MECATRONIC

*Solutions & Service*

*Macchine ed Attrezzature per il Cablaggio*

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## LF45



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## Electrical dereeler

## DESCRIPTION

The electrical dereeler LF45 allows to dereel cable or wire reels up to 400 mm in diameter.

## FEATURES

- It 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 operating machine can be placed on the upper bench top of the dereeler, thus underlining the compactness of the line.
- 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
- It can be connected with right feeding operating machines (optional)
- Bench top (optional)
- Easy and short maintenance

## Technical features

|                                 |  |
|---------------------------------|--|
| <b>Reel Diameter:</b>           | max 400 mm   |
| <b>Reel Weight:</b>             | max 50 Kg  |
| <b>Cable Diameter:</b>          | round cable max 6.5 mm<br>flat cable max 9 mm.   |
| <b>Dimensions &amp; Weight:</b> | 600x500x1000 mm / 60 Kg  |
| <b>Reservoir Capacity:</b>      | ~ 2.3 m  |
| <b>Reservoir:</b>               | Reservoir with dancer arm (keeping position sensor)  |
| <b>Control System:</b>          | Speed control system for the reservoir.<br>Emergency stop signal for inline processing.  |
| <b>Dereeling System:</b>        | Inverter motorization.   |
| <b>Clamping System:</b>         | Fast spool changeovers thanks to the clamping pin with no effort for the operator.   |
| <b>RPM:</b>                     | max. 85 rpm / min.   |
| <b>Power Supply:</b>            | 220 VAC/50HZ/max 5A  |
| <b>Compressed Air:</b>          | 6 Bar dry and not oiled.   |
| <b>CE Conformity:</b>           | LF45 fully complies with all CE and EMC equipment guidelines relative to mechanical and electrical safety and electromagnetic compatibility. |
| <b>Important:</b>               | Mecatronic recommend to submit wire samples in case of doubt about the processing capabilities of a particular machine.                      |

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

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