

Roblon Multi Pay-Off, MPO-DA

Roblon Multi Pay-off's offer unmatched performance, reliability, and versatility, making them the ideal choice for cable manufacturers.

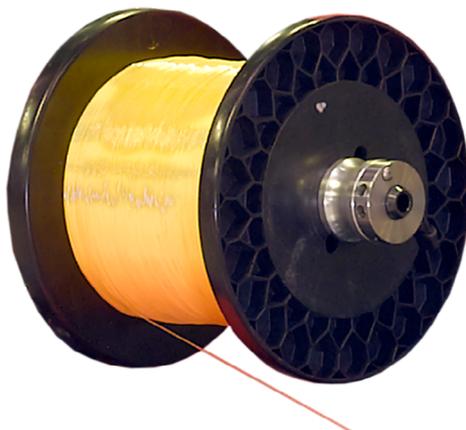
Roblon Multi Pay-Off, MPO-DA—a state-of-the-art driven pay-off unit engineered to deliver constant, gentle, and precisely controlled tension through an innovative pneumatic dancing arm system. Designed to meet the demands of various industries, this versatile pay-off solution ensures optimal performance in paying off tight buffered optical fibers, industrial yarns with functional coatings, impregnated glass or aramid yarns, and more.

The MPO-DA is specifically tailored to maintain constant tension levels for different types of materials, utilizing a pneumatic-controlled dancing arm system. This system operates within distinct tension ranges, offering low tension for delicate optical fibers and high tension for robust strength members, ensuring consistent performance across a wide range of materials.

Featuring a modular design, the MPO-DA offers flexibility with options for single or dual-sided pay-off configurations. Additionally, the unit can be easily upgraded with additional pay-off positions to accommodate evolving production needs.

Integration into new or existing production lines is seamless, and the unit can be operated either individually or as part of a line control, providing versatility and adaptability to various production setups.

- Constant tension regardless of bobbin diameter
- Yarn break detection
- Flexible, modular machine design



Roblon Multi Pay-Off can be used with fiber reels and cardboard tubes.

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Roblon

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Technical data	MPO-DA
Pay-off speed:	Max. 300 m/min.
Bobbin weight:	Max. 30 kg
Tension ranges:	
Low:	0,6 - 1,5 N
Mid:	1,5 - 6,0 N
High:	2,3 - 10 N
Number of positions:	According to customer requirements
Bobbin dimensions (ID x OD x L):	Ø77/94 x Ø300 x 300 mm
Reel weight:	Max. 15 kg
Reel dimensions (ID x OD x L):	Ø25,4 x Ø300 x 300 mm
Materials:	Glass, aramid, polyester etc.
Dimensions (L x W x H):	1435 x 1560 x 1906 mm (2x4 positions)
Shaft/adapter dimension:	According to customer requirements
One or two sided setup	
Interface:	Profinet/Profisafe

Optional equipment

Interface: Siemens ProfiBUS, Analogue/digital, Rockwell Ethernet IP

Expandable adapters for easy exchange

Wheel system for easy relocation

Customised adapters

Guide pulleys

