

# 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.**

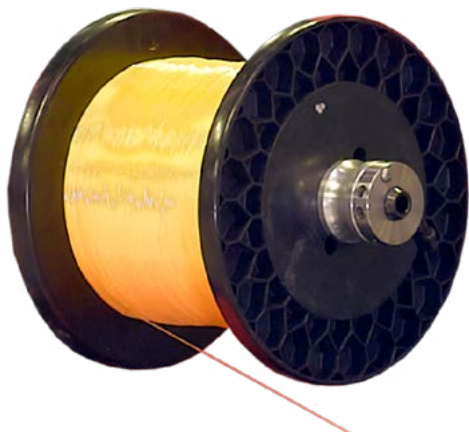
Roblon Multi Pay-Off, MPO-DA—a state-of-the-art driven pay-off unit engineered to deliver constant, gentle, and precisely controlled tension through an innovative pneumatic dancing arm system. Designed to meet the demands of various industries, this versatile pay-off solution ensures optimal performance 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
- Low bobbin 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) (high)	0.6-10 N $\pm$ 10% at max. 8 kg 3-24 N $\pm$ 10% at max. 30 kg
Number of positions:	According to customer requirements
Bobbin dimensions (ID x OD x L):	$\varnothing 77/94 \times \varnothing 300 \times 300$ mm
Reel weight:	Max. 30 kg
Reel dimensions (ID x OD x L):	$\varnothing 25,4 \times \varnothing 300 \times 300$ mm
Materials:	Glass, aramid, polyester etc.
Dimensions (L x W x H):	1080 x 1400 x 1700 mm (2x6 positions)
Shaft/adaptor dimension:	According to customer requirements
One or two sided setup	

### Optional equipment

Expandable adapters for easy exchange

Wheel system for easy relocation

Customised adapters

Guide pulleys

