

# Roblon Multi Pay-Off, MPO-HY

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

Roblon Multi Pay-Off MPO-HY, longitudinal paying off industrial yarns. Built on an innovative hysteresis brake control system, this pay-off unit eliminates the need for dancing arm tension control and offers unparalleled precision and control for a wide range of industrial yarns.

The MPO-HY is engineered to accommodate various industrial yarns and can be customized with different tension ranges to suit specific production requirements. Each position is individually and precisely controlled through advanced hysteresis brakes, ensuring consistent performance and quality throughout the pay-off process.

Featuring a modular design, the Multi Pay-Off MPO-HY offers scalability, allowing for easy upgrades to accommodate a larger number of positions as production needs evolve. Whether integrating into a new or existing production line, this pay-off unit seamlessly adapts, offering flexibility and ease of operation.

Equipped with features such as low bobbin and yarn break detection as standard, the Roblon Multi Pay-Off MPO-HY prioritizes reliability and efficiency, minimizing downtime and maximizing productivity. Experience unparalleled control, reliability, and efficiency in industrial yarn pay-off operations with the Roblon Multi Pay-Off MPO-HY. Whether operating individually or as part of a line control.

- Constant tension regardless of bobbin diameter
- Yarn break detection
- Low bobbin detection
- Flexible, modular design
- Easy to thread (no dancer)



Roblon Multi Pay-Off can be used with tubeless coils, cardboard tubes and reels.



Roblon MPO can be supplied with Roblon quick adapter or expandable, air compressed adapters for easy exchange of spools.

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**Roblon**

The data in this technical data sheet is provided for informational purpose only and does not constitute a specification. The latest update of the datasheet is always available on [www.roblon.com](http://www.roblon.com)

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Technical data	MPO-HY
Pay-off speed:	Max. 300 m/min.
Bobbin weight:	Max. 30 kg
Tension range:	3-24 N $\pm$ 10% max. 30 kg
Number of positions:	12 or according to customer requirements
Bobbin dimensions (ID x OD x L):	Ø94 x 330 x 290 mm
Materials:	Glass, aramid, polyester etc.
Dimensions (L x W x H):	1380 x 1300 x 1830 mm (2x6 positions)
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
Shaft/adaptor dimension: According to customer requirements
Adapter (optional): Ø60 - 94 mm

