

Roblon Tape Binder, TB-460

Roblon tape binders offer unmatched performance, reliability, and versatility, making them the ideal choice for cable manufacturers.

Roblon Tape Binder TB-460, an advanced solution for high-speed wrapping of industrial tapes around cables, seamlessly integratable into any production line. Versatility is at the core of its design, capable of applying a wide range of tape materials—from plastic and paper tapes to aluminum or Teflon foils—with precision and efficiency.

The TB-460 set the industry bar with its constant and accurately controlled tape tension, achieved through a two-motor torque solution. This not only ensures ease of use but also minimizes downtime, optimizing productivity. Notably, the ability to adjust lay-length without halting production distinguishes this binder, offering unparalleled flexibility and adaptability.

The TB-460's operate both clockwise and counterclockwise directions, catering to diverse production requirements with ease. As standard, this unit comes equipped with essential features such as a low tape pad alarm, tape break detection system, and integrated pad storage, enhancing operational efficiency and reliability.

- For concentric tape wrapping
- Up to 2000 rpm
- Constant wrapping tension
- Adjustable lay length during production
- Can be used with a variety of materials

With the Roblon Tape Binder TB-460, you can expect seamless integration, exceptional performance, and unmatched versatility, empowering your production processes to meet the demands of today's dynamic industrial landscape with confidence and precision.



The tape is precision-guided onto the cable, and both binding angle and lay length can be adjusted during production.

Technical data		TB-460
Binding speed:		2000 rpm
Binding tension:		5-40 N
Lay length:		5-80 mm, determined by cable diameter and tape width
Centre bore:		Ø30 mm
Pad storage:		600 mm
Pad dimensions (ID x OD):		Ø76 x Ø460 mm
Tape width:		10-40 mm
Pad weight:		Max. 5 kg
Tape material:		Plastic, paper, water-blocking, fire-retardant, aluminium, teflon etc.
Dimensions (L x W x H):		1450 x 1150 x 1340 mm
Motor:		5.5 kW, AC
Drive:		Servo drive
Binding direction:		Clockwise or counterclockwise
Operational direction:		Left to right/right to left
Interface:		Profinet/Profisafe

Optional equipment

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

Wheel or rail system for easy relocation

Temperature and vibration sensor

External bobbin storage

Air conditioning system

