

# Roblon Eccentric Binder EB-6

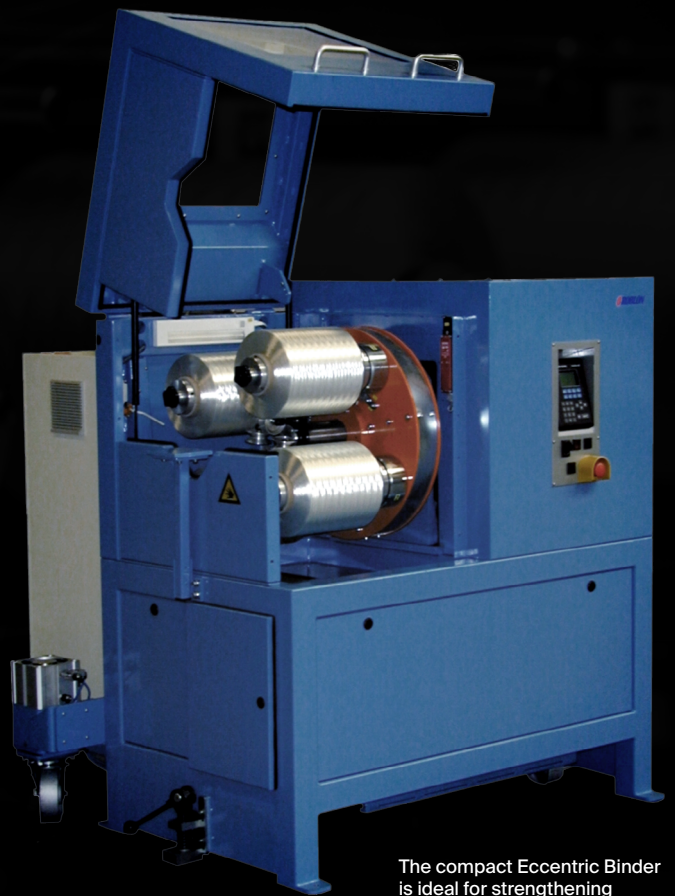
**Roblon binders offer unmatched performance, reliability, and versatility, making them the ideal choice for cable manufacturers.**

Roblon Eccentric binder is used for stranding industrial yarns around a cable center, very much like our renowned yarn servers. However, the unit stands out as very compact measuring less than 1.5 meters in all three dimensions, making it highly compact as well as easy and convenient to integrate into existing production lines.

With a small rotating disc, the machine can reach rotational speeds of up to 600 rpm, facilitating efficient stranding. The Pay-off tension is controlled using electrical hysteresis brakes, ensuring precise and consistent tension throughout the process. Additionally, operators can adjust the level of yarn tension during operation for fine-tuning according to specific requirements.

Overall, the Roblon Eccentric binder offers an alternative solution to traditional servers, particularly for line upgrades.

- High speed stranding of flexible elements
- Up to 600 rpm
- Constant binding tension
- Used for compact cable designs
- Optimally used with all Roblon strength members



The compact Eccentric Binder is ideal for strengthening cables at high speed.



Roblon strength members may be utilised in the Eccentric Binder.

Technical data	EB-6
Rotation speed:	600 rpm
Bobbin weight:	Max. 8 kg
Stranding tension:	5-24 N $\pm$ 10%
Number of positions:	6/4/2
Bobbin dimensions (ID x OD x L):	Ø94 x Ø215 x 290 mm
Centre bore:	Ø45 mm
Stranding material:	Industrial yarns and tapes (glass, aramid, polyester, polypropylene etc.)
Dimensions: (L x W x H):	1350 x 1130 x 1400 mm
Centre height:	1000 mm
Motor:	2.2 kW AC
Drive:	Inverter Drive
Stranding 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

Easy exchangeable pulley system for different yarn materials

Air conditioning system

Vacuum cleaning system

