

Roblon Fiber Binder, FB-4

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

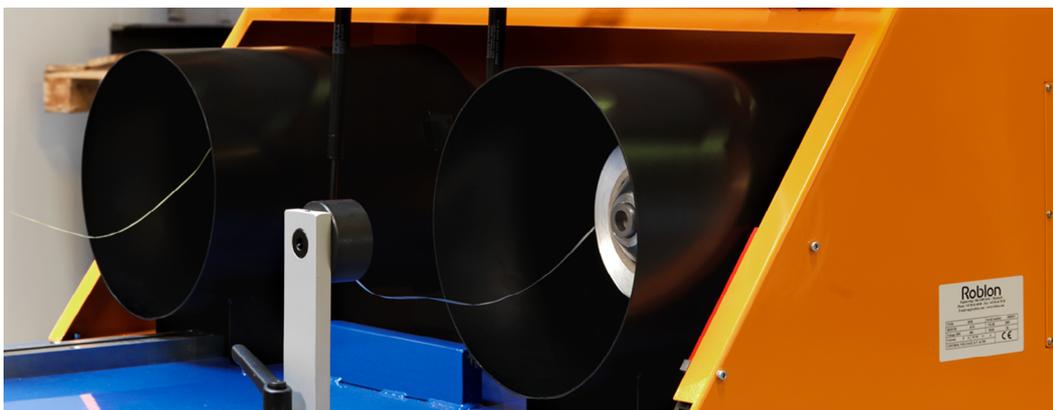
The Roblon Fiber Binder is used to colour code bundles of optical or tight buffered fibers, making it possible to identify the individual optical fibers later.

Consequently, the Fiber Binders are mainly used in optical fiber cables with large (optical) fiber counts.

The Roblon Fiber Binders can exceed speeds of 2000 rpm and the binding pitch is controlled by a combination of line speed and binding speed and is of course constant also during ramp up and down. Because of the simple set-up, this machine is easy to operate and integrate in any production line.

The Roblon Fiber Binder can be supplied with pulleys for both inlet and outlet.

- For color code binding
- Speeds exceeding 2000 rpm
- Low binding tension
- Easy to operate



The Fiber Binder is available with either two or four binder heads, making it possible to colour code optical fiber bundles.

Technical data	FB-4	FB-2
Binding heads:	4	2
Binding speed:	2000 rpm	
Line speed:	Max. 150 m/min.	
Centre bore:	Ø 18 mm	
Bobbin dimensions (ID x OD x L)	Ø90 x Ø220 x 220 mm	
Distance between binding heads:	700 mm	
Bobbin weight:	Max. 4.5 kg	
Binding material:	Industrial yarns, narrow tapes etc.	
Dimensions (L x W x H):	2500 x 880 x 1200	1100 x 880 x 1200
Motor:	3 kW AC	3.0 kW AC
Drive	Inverter drive	
Lay length:	Determined by binding speed and line speed	
Centre height:	1000 mm	
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

Low bobbin alarm

Guide pulley for inlet and outlet

Air conditioning system

