

# Roblon Fiber Binder, FB-4

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

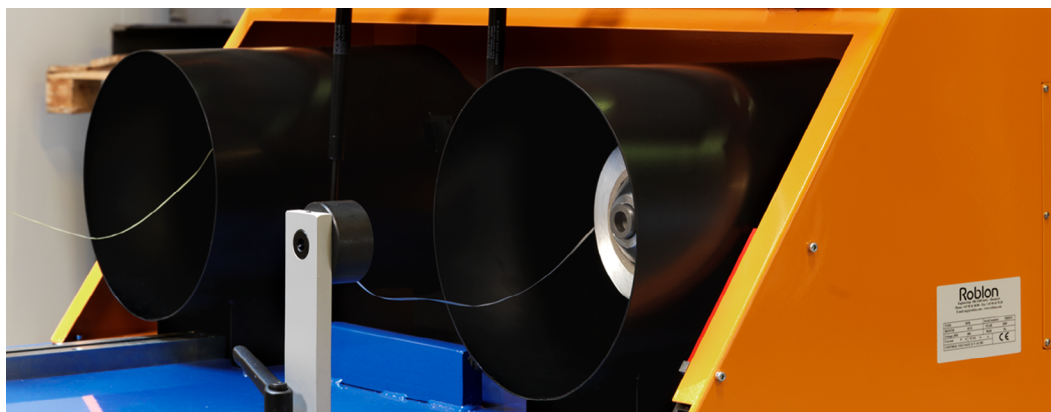
The Roblon Fiber Binder is used to colour code bundles of optical or tight buffered fibers, making it possible to identify the individual optical fibers later.

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.

**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)

[info@roblon.com](mailto:info@roblon.com)

[www.roblon.com](http://www.roblon.com)

| 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

