

Roblon Concentric Low Tension Binder, CB-2LT

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

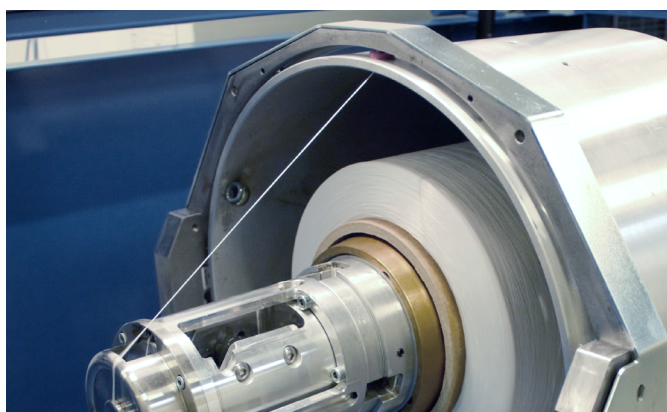
The Roblon Concentric Low Tension Binder, CB-2LT, is specifically engineered to meet the challenges related to the production of small dimensioned fiber optical cables, including micro and mini cables. These cables often demand stringent requirements for both materials and equipment.

One of the standout features of the CB-2LT is its incorporation of cutting-edge technology, including direct tension measuring. This innovation allows for the application of a more constant and lower tension during the binding process. By maintaining consistent and lower tension levels, the CB-2LT facilitates higher accuracy and enhanced control over the yarn during binding. Additionally, the ability to measure tension directly provides valuable data for process optimization and quality control. The inclusion of tension data logging throughout the entire binding process further enhances the capabilities of the CB-2LT, allowing for comprehensive monitoring and analysis of production parameters.

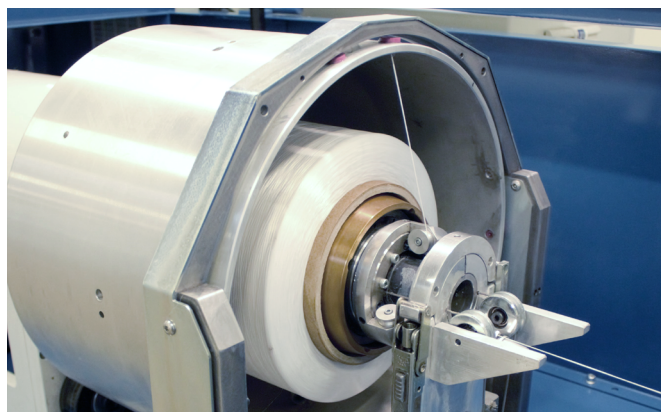
Building upon the success of the Roblon Concentric Cross Binder CB-2, the CB-2LT retains key benefits such as a single point of binding, which ensures better fixation and storage of multiple spools. This feature enables long length SZ-stranding, contributing to increased efficiency and productivity in cable manufacturing processes.

- Low tension binding
- Direct tension measuring
- Tension logging
- One point cross binding

Moreover, the CB-2LT incorporates features designed to enhance user experience and ease of operation. Display functionalities for binding points and tension measurement on the binder head provide operators with real-time feedback, facilitating adjustments and ensuring optimal performance.



Displaying binding point and tension measuring for binder head no. 1.



Tension measuring for binder head no. 2.

Technical data	CB-2LT
Binding speed:	3000 rpm
Binding tension:	3-10 N
Cable diameter:	2-12 mm
Bobbin dimensions (ID x OD x L):	Ø127 x Ø250 x 220 mm
Bobbin weight:	Max. 6 kg
Binding material:	Industrial yarns, polyester, water-blocking yarns, aramid
Dimensions (L x W x H):	3500 x 1100 x 1200 mm
Centre height:	1000 mm
Motor:	2 x 4 kW AC; 2 x 1.23 kW AC
Drive:	Servo Drive
Operation 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

Storage for 3 or 4 bobbins

Temperature and vibration sensor

Operation light

Air conditioning system

