

# Roblon Server, SE-24TBF

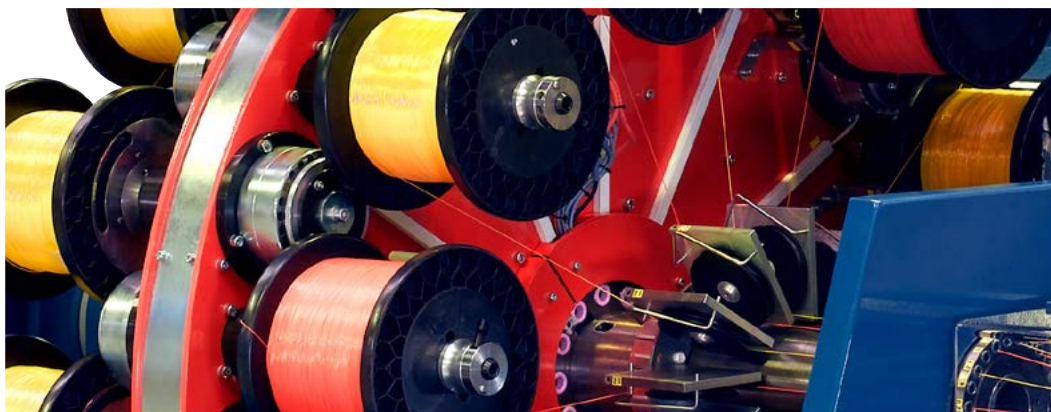
**Roblon TBF servers offer unmatched performance, reliability, and versatility, making them the ideal choice for cable manufacturers.**

Optimized for High-Speed Optical Tight-Buffered Fiber Stranding.

With speeds reaching up to 200 rpm, the Roblon SE-24TBF Server is specifically engineered for stranding optical tight-buffered fibers. Typically positioned just before the strength member server or extruder, the SE-24TBF Server offers an efficient alternative to SZ-stranding.

The SE-24TBF Server delivers higher efficiency and productivity, thanks to its innovative design and advanced features. Precise hysteresis brakes ensure constant tension throughout the process, regardless of reel diameter or rotating speed, guaranteeing consistent quality output.

- Helical stranding of tight buffered fibers
- Up to 200 rpm
- Low and constant tension
- Supports fast line speed



With this versatile server, tight-buffered fibers may be precision stranded in several layers on top of a central cable element.

Technical data	Tight buffered side
Rotation speed:	200 rpm
Bobbin weight:	Max. 8 kg
Stranding tension:	2-12 N $\pm$ 10%
Number of positions:	24/18/12/9
Bobbin dimensions (ID x OD x L):	$\varnothing$ 25,4 x $\varnothing$ 300 x 200 mm
Centre bore:	$\varnothing$ 56 mm
Stranding material:	Tight-buffered fibers
Dimensions: (L x W x H):	2270 x 2380 x 1850 mm
Centre height:	1000 mm
Motor:	7.5 kW AC
Drive:	Inverter Drive
Stranding direction:	Clockwise or counterclockwise
Operational direction:	Left to right/right to left

### Optional equipment

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

Rail system: The server is mounted with rail wheels and prepared for operation on rails. A motor is mounted on the rail system to facilitate moving the server in and out of line.

Transportation wheels: For moving the machine

Vacuum cleaning system for production with E-glass or similar materials, which are not allowed to affect the environment. The vacuum cleaner is not closed and both suction and exhaustion take place inside the machine. Note: Machine length will be extended to L = 2400 mm.

Adapter converter makes it possible to use  $\varnothing$ 77 or  $\varnothing$ 94 mm tubes.

Air condition/heater when working in environments with low/high temperatures and/or high humidity.

Easy exchangeable pulley system when operating with different types of yarns.

