

# Roblon Server, SE-24LAN

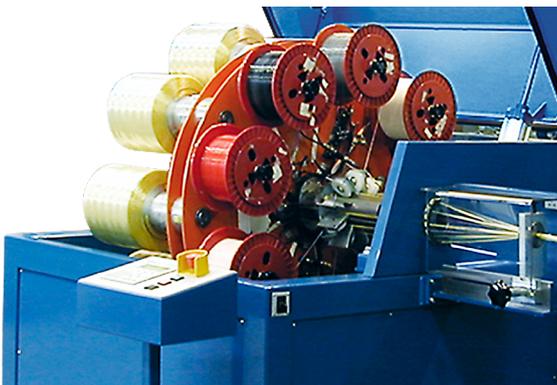
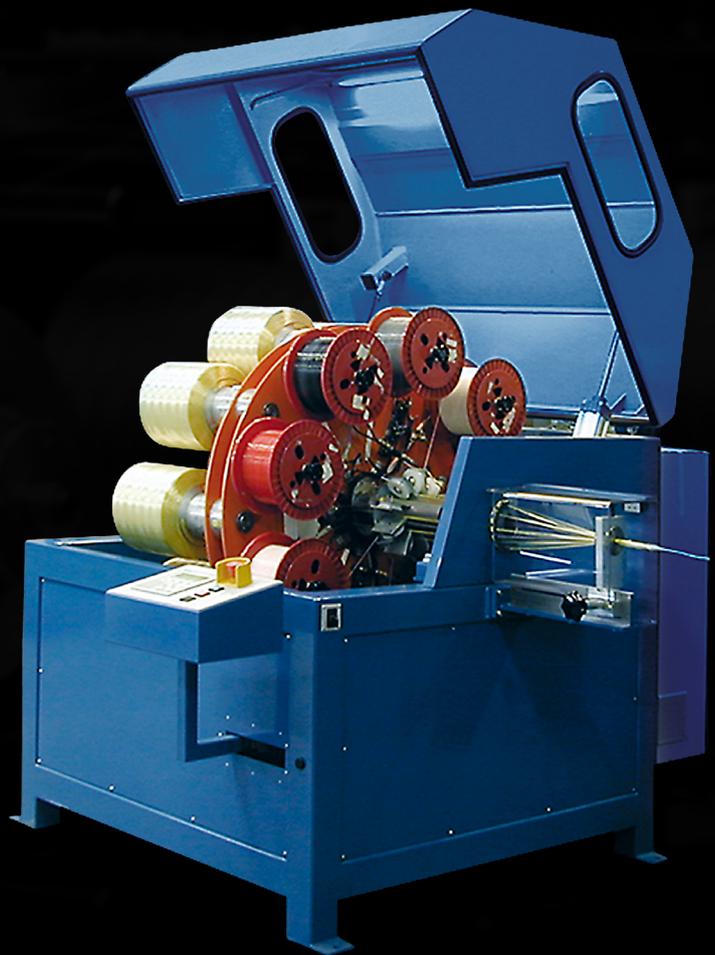
**Roblon yarn servers offer unmatched performance, reliability, and versatility, making them the ideal choice for cable manufacturers.**

Roblon SE-24LAN Server: Perfect for High-Speed Helical Stranding of Aramid, Glass Yarns, or TBF Fibers

The Roblon SE-24LAN Server boasts speeds of up to 200 rpm, making it the ideal choice for stranding aramid, glass yarns, or TBF fibers.

The SE-24 LAN Server enables the production of simple and one-process optical fiber cables. This streamlined approach offers via precise hysteresis brakes constant tension, regardless of bobbin diameter or rotating speed, and thereby ensuring a consistent quality output, higher efficiency and reduces the need for additional equipment investment.

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



Roblon LAN servers can be integrated in existing or new extrusion lines and are operating with a constant stranding tension.

Technical data	Strength member side	Tight-buffered side
Rotation speed:	200 rpm 300 rpm without tight-buffered fibers	
Bobbin weight:	Max. 30 kg	Max. 8 kg
Stranding tension:	3-24 N $\pm$ 10%	2-12 N $\pm$ 10%
Number of positions:	24/12	
Bobbin dimensions (ID x OD x L):	$\varnothing$ 94 x $\varnothing$ 300 x 290 mm	$\varnothing$ 25,4 x $\varnothing$ 300 x 200 mm
Centre bore:	$\varnothing$ 56 mm	
Stranding material:	Aramid, glass roving, impregnated glass yarn, water-blocking yarn, etc.	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	
Interface:	Profinet/Profisafe	

### 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. (Strength member side)

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.

