

Roblon Server, SE-24

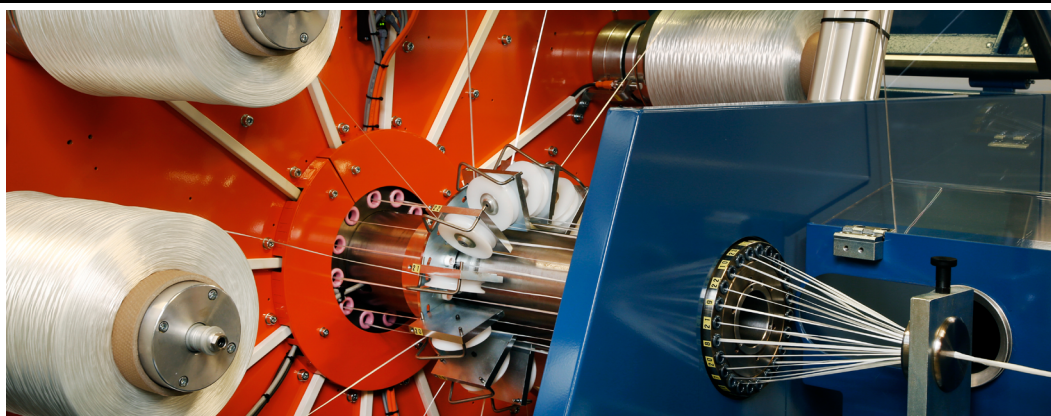
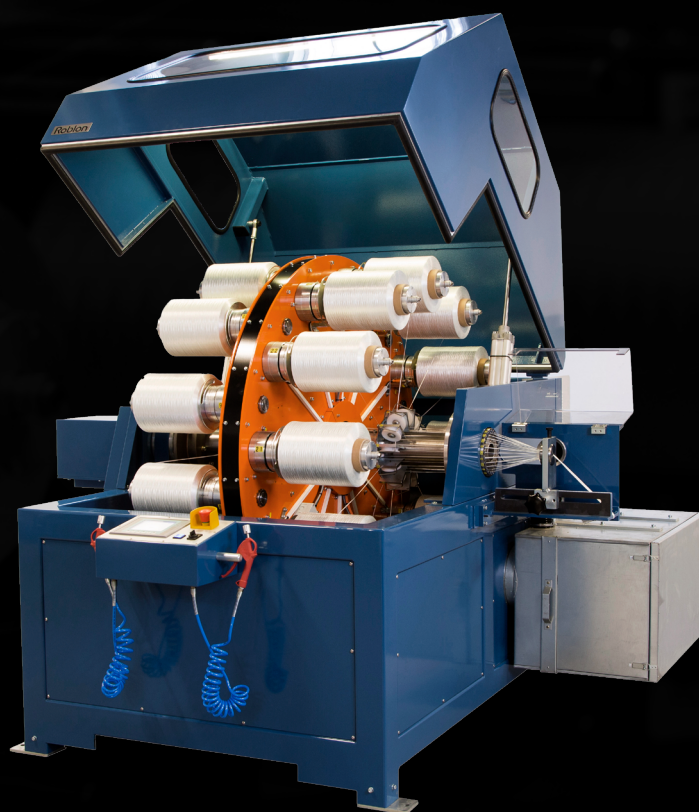
Roblon yarn servers offer unmatched performance, reliability, and versatility, making them the ideal choice for cable manufacturers.

Roblon SE-24 servers are the cornerstone of efficient industrial yarn stranding processes, renowned for their precise tension control and reliability.

The servers apply strength members to the cable center and are ideal for paying off both round, flat, flexible and rigid strength members. The tension is individually controlled during production by means of hysteresis brakes and in-state of the art control software.

The Roblon servers can be easily integrated in any production line, both new and existing lines.

- For stranding flexible strength members
- Up to 300 rpm
- Accurate tension control system
- Easily integrated into production lines
- Proven track record
- Optimally used with all Roblon strength members



Roblon servers utilise a unique tension system, where yarns are controlled individually and precisely by a combination of hysteresis brakes and state of the art control software.

The design ensures that rigid and flexible strength members are stranded around the cable core with high precision.

Technical data	SE 24/12	SE 18/9
Rotation speed:	300 rpm (max. 20 kg bobbins)	
Bobbin weight:	Max. 30 kg (max. speed 200 rpm)	
Stranding tension:	3-24 N \pm 10%	
Number of positions:	24/12	18/9
Bobbin dimensions: (ID x OD x L):	$\varnothing 94 \times \varnothing 300 \times 290$ mm	$\varnothing 94 \times \varnothing 330 \times 290$ mm
Centre bore:	$\varnothing 56$ mm	
Stranding material:	Aramid, glass roving, coated glass yarns, water-blocking yarns, GFRP, etc.	
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.

$\varnothing 76$ manual adapter.

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.

Direct Yarn Tension Control System with closed loop feedback

