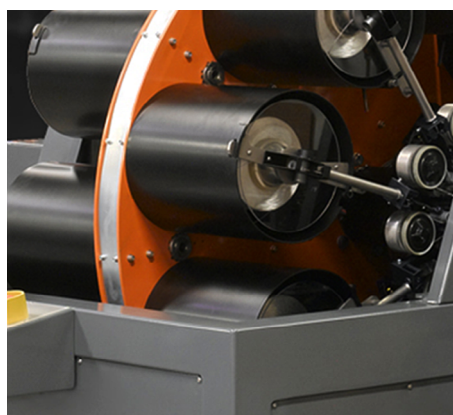# Roblon Server, SE-18HSLT

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

The Roblon HSLT server offer manufacturers of optical fiber cables the possibility of doubling their capacity. The Roblon HSLT server is designed for high speeds and low tension operation, using fly-off/ballooning as pay-off principle, which means that a few twists are added to the strength members during the process and consequently the Roblon HSLT servers are optimally used with lesser coated flexible strength members.

The Roblon HSLT servers can be easily integrated in any new or existing line and will be able to increase the line speed significantly.

- High-speed stranding of flexible strength members
- Up to 400 rpm
- Extra low tension control
- Unique pay-off principle
- Ideal for strength members with low impregnation

With these unique high-speed, low-tension servers, it is possible to double the line speed.

**Roblon**

| Technical data | Aramid | Glass |
|---|---|---|
| Rotation speed: | 400 rpm | 300 rpm |
| Bobbin weight: | Aramid max. 10 kg | Glass max. 15 kg |
| Stranding tension: | Min. 0.6 N ± 0.4 N | Min. 0.8 N ± 0.6 N |
| | Max. 18 N ± 10% | Max. 18 N ± 15% |
| Number of positions: | 18/12/9 | |
| Bobbin dimensions (ID x OD x L): | Ø94 x Ø245 x 290 mm | |
| Centre bore: | Ø56 mm | |
| Stranding material: | Aramid, Glass Roving, WB Glass, Light-flex, WB Light-flex | |
| 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. |
| Air condition/heater when working in environments with low/high temperatures and/or high humidity. |
| Low bobbin alarm |