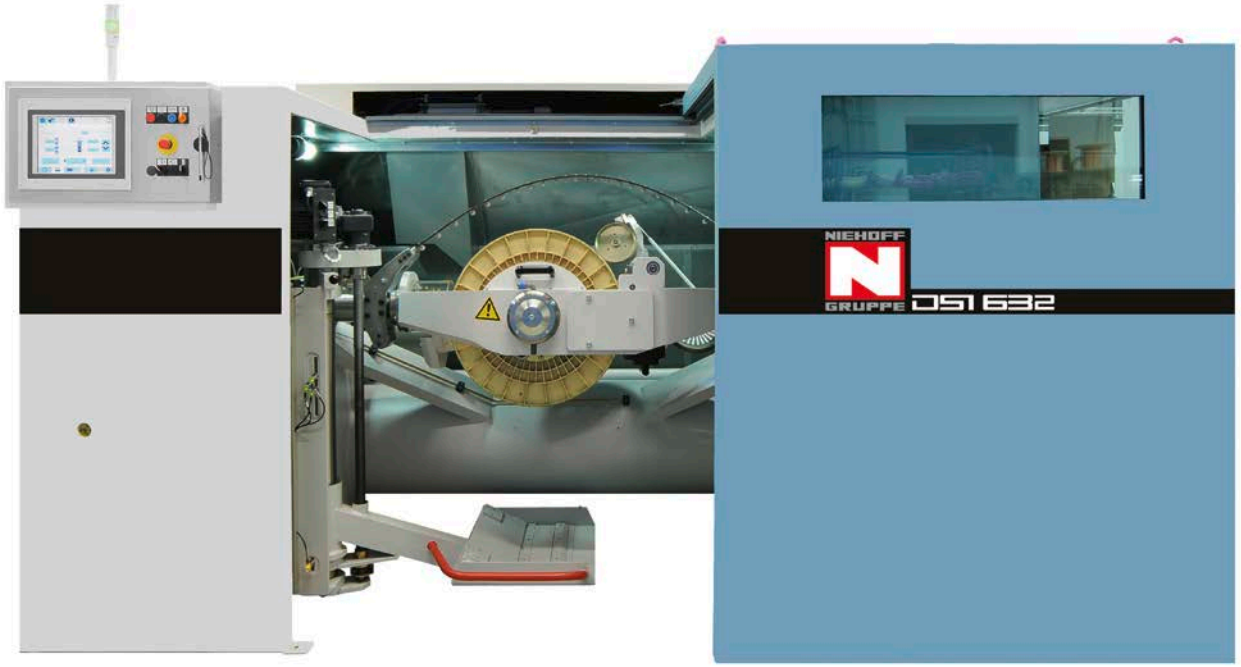

DSI 632
Double Twist Stranding Machine

Expertise, Customer Driven, Service – in Good Hands with NIEHOFF

NIEHOFF
GRUPPE

DSI 632

Design:

- product can be hauled off directly via the spool
- foundation-free installation on vibration damping elements
- prepared for application of shielding with Al-laminated polyester film

Increase in quality:

- maximum production reliability and production quality (overturn monitoring, wire break sensors and length measurement in the spool carrier, monitoring of the bearing temperature)
- designed for the production of pairs, quads and cable bundles to the highest quality standards and for the twisting of bundles and data cables

Increase in productivity:

- good accessibility in the spool carrier for easy insertion of the product

Energy and cost efficiency:

- user-friendly operation through infinitely variable adjustment of the production parameters at the control panel (number of twists, lay length, twist diameter, traverse width correction)
- all drives feature three-phase AC drive technology and digital technology, offering precise synchronization and reduced maintenance by virtue of contactless data transfer
- use of a single bow system for reduced energy consumption and reduced noise emission

Technical data			
max. production speed		m/min fpm	300 985
production range	lay length, infinitely variable max. no. of twists, infinitely variable	mm twists/min	6 … 180 5,600
spool dimensions	max. spool flange dia. total length	mm mm	630 475
max. stranding dia.	standard machine reinforced execution	mm mm	6.0 8.5
single wire dia.	solid flexible	AWG AWG	30 … 18 25 … 15
drive for	rotor bow winding spool		standard AC motor AC servo motor
max. sound pressure level (acc. to EN ISO 3743-2 and DIN 45635-1)		dBA	80
machine dimensions (W x D x H)		m	3.10 x 1.81 x 1.85
weight		kg	approx. 3,500

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