



WireTwister 3300 D

Twisting Machine

- Simple UI system for easy operation
- Program capacity up to 1,000 programs
- Optional scanning function to search jobs easily
- Different machine lengths for different twisting wire lengths

TWISTING

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Concept

The WireTwister 3300 D is an efficient machine for twisting single wires into twisted pairs. Thanks to its dual head design, the WireTwister 3300 D achieves high production performance compared to a single head design. A touchscreen user interface makes it easy to enter and edit all twisting settings in a very short time. The moveable carriage with the two right side wire holders can be set in a precise position to the initial wire length. The ergonomic access to the wire holders and start buttons on the cabinet and carriage allow quick and easy operation of the machine. Automatic moveable safety shields in front of the rotating wire holders provide safe and comfortable operation.

Function

The WireTwister 3300 D operates with two alternating twisting lines. While the first line twists the wires, the operator can load the next set of wires onto the second twisting line. Each operating line twists the wires with constant tension control. A programmable, automatic wire relaxing sequence ensures highly repeatable quality. At the end of the twisting process, the wire holders automatically eject the twisted cable into the integrated stacking channel.

Special Features

- Application range compatible with worldwide low voltage wire standards
- Programmable counter rotation at the end of the twisting cycle to reduce untwisting and keep pitch stable
- Adjustable carriers
- Automatic unloading into deposit tray
- Wire sorting trays

Technical Data	
Raw Material Length (untwisted)	300 mm up to 1'800 4'200 6'600 9'000 11'400 mm (11.8" up to 71 / 165 / 260 / 354 / 449")
Length of Lay (Pitch)	10 – 50 mm (0.39 - 1.97")
Conductor Cross-Section	2 x 0.13 – 2 x 3 mm ² (2 x 26 AWG up to 2 x 12 AWG)
Length of Open (untwisted) Ends	30 – 100 mm (1.18 - 3.94")
Difference in Open Ends	0 – 60 mm (0- 2.36")
Memory Capacity	up to 1'000 programs
Twisting Speed	800 – 2'000 rpm
Power Supply	230 VAC +/-5%, 50/60 Hz, <1kw, compressed air 6 bar (90 psi)
Dimensions (L x W x H)	2'800 x 800 x 1'300 mm, 200 kg (111.2 x 31.5 x 51.2", 440 lbs) 5'200 x 800 x 1'300 mm, 290 kg (204.7 x 31.5 x 51.2", 640 lbs) 7'600 x 800 x 1'300 mm, 380 kg (299.2 x 31.5 x 51.2", 840 lbs) 10'000 x 800 x 1'300 mm, 470 kg (393.7 x 31.5 x 51.2", 1,040 lbs) 12'400 x 800 x 1'300 mm, 470 kg (488.2 x 31.5 x 51.2", 1,240 lbs)
CE-Conformity	The WireTwister 3300 D fully complies with all CE and EMV equipment guidelines relative to mechanical and electrical safety and electromagnetic compatibility.
Important Note	Schleuniger recommends that wire sample be submitted in cases where there is doubt as to the processing capabilities of a particular machine.