



WireTwister 3300 D

Twisting Machine

- Simple UI system for easy operation
- Program capacity up to 1'000 programs
- Optimal scanning function benefits 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 touch screen user interface makes it easy to enter and edit all twisting settings in a very short time. The movable carriage with two right side wire holders can be set in a precise position for the initial wire length. The ergonomic access to the wire holders and start buttons on the cabinet and carriage allows quick and easy operation of the machine. Automatic moveable safety shields in front of the rotating wire holders provide safe and comfortable operation. Thanks to its modular design, configuration from 1.8 m (71.0") up to 11.4 m (440.0") in length are available in 2.4 m (94.5") increments.

Function

The WireTwister 3300 D operates with two alternative twisting lines. While the first line twists the wires, the operator can load the next set of untwisted 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 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 carriage system
- Automatic unloading into deposit tray
- Wire sorting trays

Technical specifications	
Untwisted wire length	300 up to 1'800/4'200/6'600/9'000/11'400 mm (11.8" up to 71/165/260/354/499")
Length of lay (pitch)	10 – 50 mm (0.39 - 1.97")
Wire cross section	2 x 0.13 – 2 x 3 mm ² (2 x 26 AWG – 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")
Program capacity	up to 1'000 programs
Twisting speed	800 – 2'000 rpm
Power Supply	230 VAC +/-5%, 50/60 Hz, <1kw, compressed air 5 bar (73psi)
Dimensions (L x W x H) Net weight	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 electro-magnetic compatibility.