



TWISTER TW4C

3 Twisting heads up to 4 cables per head

The Twister TW4C is an efficient machine for twisting up to 4 cables simultaneously. Thanks to its triple head design, it achieves high production performance compared to single or dual head designs. The user interface, accessible through a touchscreen, simplifies access and editing of the winding configuration. The mobile carriage allows setting the twisting start position for the cable length. The design of controls and buttons enables easy and quick operation.

- Simple user interface
- Program capacity of up to 1000 programs
- Reverse rotation at the end of the cycle
- Base machine length of 3 meters
- Selectable acceleration ramp
- Ability to select rotation direction
- Rubber clamps to prevent cable damage

Range of Application

Thanks to its modular design, configurations are available with lengths ranging from 3m to 12m in increments of 3m.

Operation

The TWISTER TW4C is equipped with 3 twisting heads. Loading all 4 cables into each head initiates individual tensioning for each cable before proceeding with the twisting operation. The mobile carriage itself has its tensioning system to ensure proper cable tension. An automatic sequence and constant tension ensure high-quality processing. At the end of the twisting process, the cable clamps automatically eject the cable onto the stacking tray.

Features

- Adjustable mobile carriage
- Automatic unloading onto the stacking tray
- Cable sorting trays
- Operating system with password protection

Options

- Optional Barcode Scanning function for job order selection
- Various options for mobile carriage
- Various possibilities for clamps on the rotating heads
- Various models of protection for the rotating heads
- Router for connection to process server
- Specialized design for specific functions

Technical information

Cable length (untwisted and depending on the twisting heads)	200 mm hasta 3000 / 4000 / 6000 / 8000 / 10000 / 12000 mm
Cross section	2 x 0.13 up to 2 x 3 mm ²
Length of ends (untwisted, without terminal)	24 – 100 mm
Difference in open ends	0 – 80 mm
Memory	Hasta 1,000 programas
Twisting speed	1000 – 2000 rpm
Power Supply	230 VAC +/-5%, 50/60 Hz, <1kw, Air 6 bar (90 psi)
Important	Special Spare Parts recommends that cable samples be provided in cases where there is uncertainty about the processing capabilities of a particular machine.