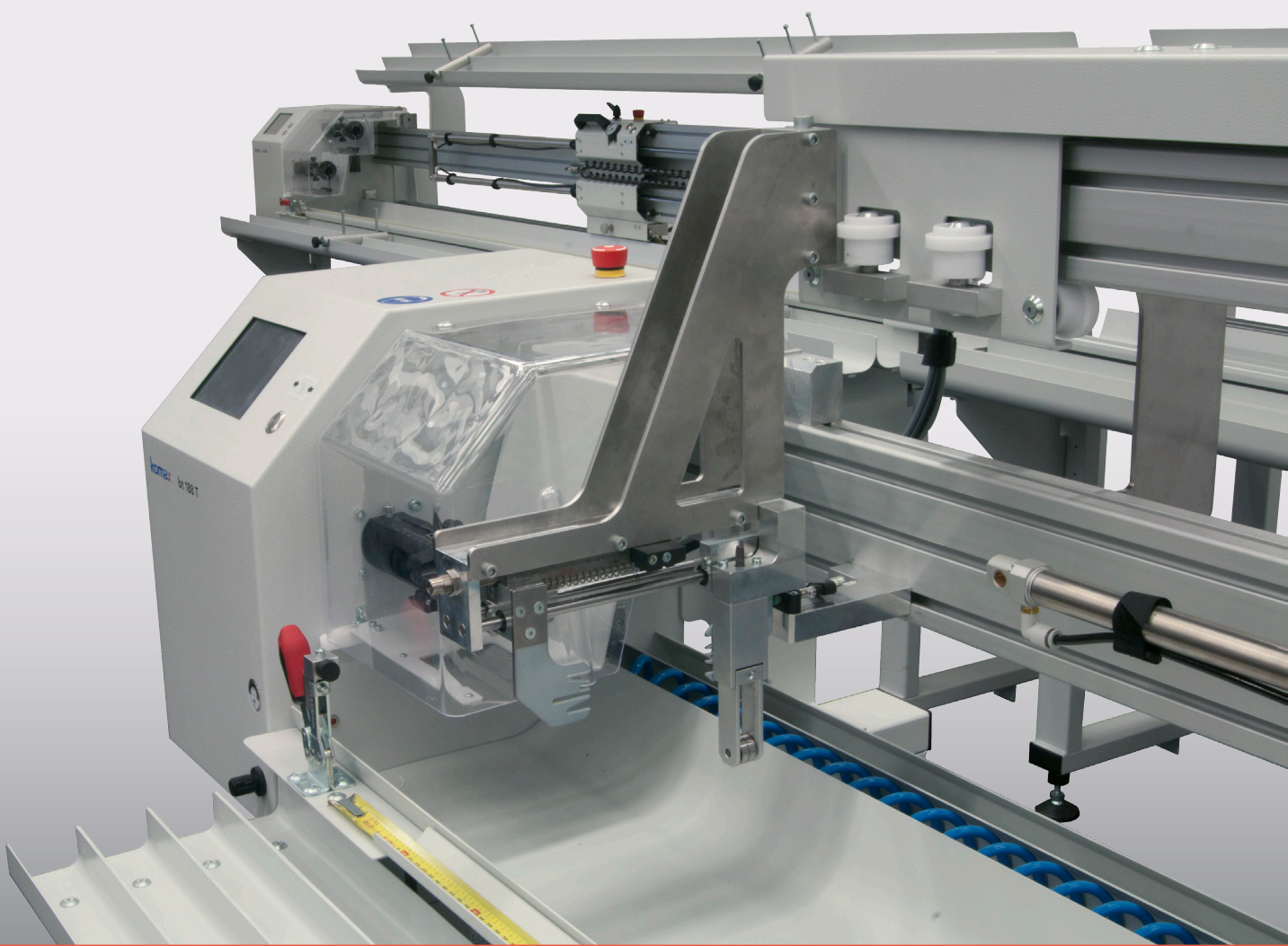


bt 188 T / bt 288

Semiautomatic twisters

komax WIRE



THE WAY TO MAKE IT | QUALITY

Our semiautomatic twisters bt 188 T and bt 288 excel in top quality twisting at high speeds and are so easy to operate. Both are a great value for the money. A second twisting line and the high quality machine design of the bt 288 allow even pre-cut and pre-terminated conductors to be twisted perfectly and efficiently in larger quantities.

bt 188 T

The bt 188 T semiautomatic twister can twist two conductors. The 188 T automatically calculates the trim length from the end length, length of lay, cable cross-section, outside cable diameter and the open ends. With this advantage, a new product can be set up with minimum use of test material and quickly made ready for the commencement of production. With the precise multi-conductor twisting option, three or four conductors can be twisted perfectly. As with twisted pairs, the result is a uniform length of lay with a high degree of reproducibility over the entire twisted length of the cable.

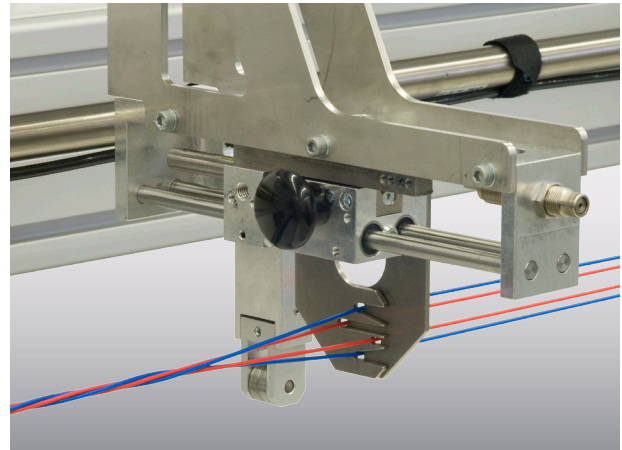
bt 288

The bt 288 semiautomatic twister is based largely on the bt 188 technology, which has been used reliably for years. In addition, a second twisting line increases its efficiency. The bt 288 retains a minimal footprint while its performance and precision allow productivity to be maximized. The bt 288 also calculates the trim length automatically and offers the optional possibility of twisting three or four conductors using flat grippers.

◀ **bt 188 T / bt 288** Semiautomatic twisters



▲ **bt 188 T** Semiautomatic twister



▲ **bt 188 T** Option of precise multi-wire twisting

Machine operation

Both semiautomatic twisters have the intuitive TopTouch control system. Programming and saving a new product is easy to do from the touch screen. Up to 1200 different products can be saved in the memory. An optimum work process and the ergonomic arrangement of the controls finally ensure that operation is not fatiguing.

Options for bt 188 T

Flat grippers for twisting 3 and 4 conductors

Precise multi-wire twisting

Up to three extensions

Feeding tray below/above*
(*Without option of precise multi-wire twisting)

Table rack

Pedal

Short twisting lengths

Options for bt 288

Flat grippers for twisting 3 and 4 conductors

Up to three extensions

Feeding tray below/above

Table rack

Pedal

Short twisting lengths

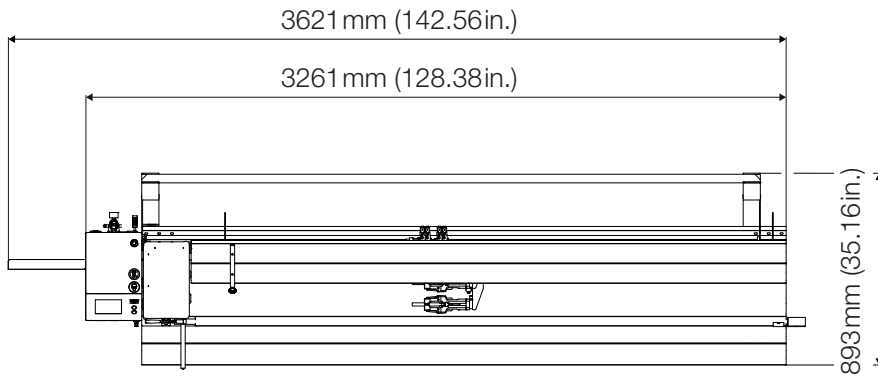


▲ **bt 288** Intuitive TopTouch control system and two twisting lines

Your benefits

- Excellent processing quality
- High twisting speed
- Simple intuitive controls
- Great value for the money
- High output due to second twisting line on the bt 288
- Excellent processing quality
- Optional precise multi-wire twisting on the bt 188 T
- Optional flat grippers for twisting of three or four conductors on the bt 288

Machine layout for the bt 188 T / bt 288



Height: 1435 mm (56.49 in.)

Technical data

	bt 188 T	bt 288
Wire cross-sections	2 × 0.08mm ² – 2 × 4.0mm ² (2 × AWG28 – 2 × AWG11) Optional: 3 × 0.08mm ² – 3 × 2.5mm ² (3 × AWG28 – 3 × AWG14) 4 × 0.08mm ² – 4 × 2.5mm ² (4 × AWG28 – 4 × AWG14) ^{****}	
Length of lay	8mm – 50mm (0.31 in. – 1.97 in.)	
Length of open ends	Side 1: 25mm – 190mm (0.98 in. – 7.48 in.), adjustable Side 2: 25mm – 85mm (0.98 in. – 3.35 in.), adjustable	
Difference in open ends	0 – 60mm (0 – 2.36 in.)	
Finished twisted lengths	approx. 200mm – 2300mm (7.87 in. – 90.55 in.) ^{*/***} approx. 200mm – 11300mm (7.87 in. – 444.9 in.) [*] optional	
Min. wire length with optional multi-wire twisting	300mm (11.81 in.)	not available
Electrical connection	115/230V, 50/60Hz	
Compressed air supply	4 – 6bar (58 – 87psi)	
Weight	Basic module	approx. 95kg (209lb)
	Rack	approx. 45kg (99lb)
	Extension module	approx. 65kg (143lb)
Piece output	approx. 350pcs/h ^{**} approx. 250pcs/h [*] (Option precise multi-wire twisting)	ca. 600pcs/h ^{**}
Noise level	<75dB	

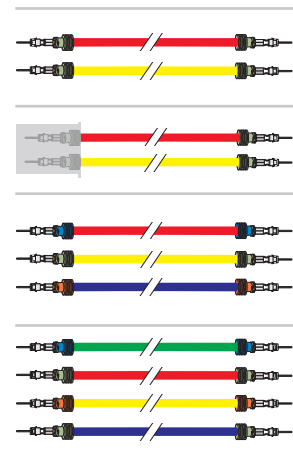
* Finished twisted length dependent on material and length of lay

** Setting values: Conductor: FLRY 2 × 0.50mm² (AWG30), pitch: 20mm (0.8 in.), finished twisted length: 1000mm (39.4 in.), open end left and right: 30mm (1.2 in.), overtwist: 25 %

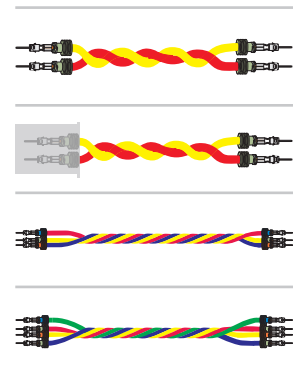
*** With option for two short, twisted wires, minimal wire length > 160mm (6.3 in.)

**** For twisted lengths up to 6 meters

Initial situation



End product



More information about our products:



www.komaxwire.com

Komax Wire is a division of Komax Holding AG, Switzerland.

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