



FRICION-WELD JOINT TP 500

Enabling easy switching from steel to plastic(PP/PET) straps, the pneumatically operated TP hand-held tools from TITAN are particularly robust, reliable and resistant to external influences such as moisture, dirt and heat. The mechanical display of the cooling time provides more comfort in harsh conditions. TP 500 is perfectly suited for planar packages with sealless joint.

Technical Data

Kind of drive (tensioning)	Pneumatic
Tension force	max. 5,000 N (adjustable) - LT version max. 6,000 N (adjustable) - HT version
Kind of drive (sealing)	Pneumatic
Strap feeding speed	6 m/min. 19.7 ft/min.
Dimensions	300 x 150 x 175 mm (L x W x H) 11.8 x 5.9 x 6.9" (L x W x H)
Weight	5.1 kg 11.2 lb
Air pressure	max. 6.5 bar flow pressure
Air consumption (during tensioning)	14 L / s
Cross-section	G 3/8"
Handarm vibration	2.5 m/s ²
Noise level	77 dB (A)

Strap/Joint

Type of strap	Plastic strap
Strap	PET
Strap width	16 mm (LT Version only) 16, 19 mm (HT Version) 0.63" (LT version only) 0.63" ; 3/4 " (HT version)
Strap thickness	1.00 - 1.27 mm 0.039 - 0.050"
Kind of seal	Friction-weld joint
Sealing strength (depending on strap quality, strap dimensions)	approx. 80% of the strap breaking load

Application

Strapping of flat packages (e.g. packages, palletized goods) for stationary use.

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