

Smart® Tie 20mm (3/4") Manual Fitting Tool
Part No. SM-FT-1000-20ST

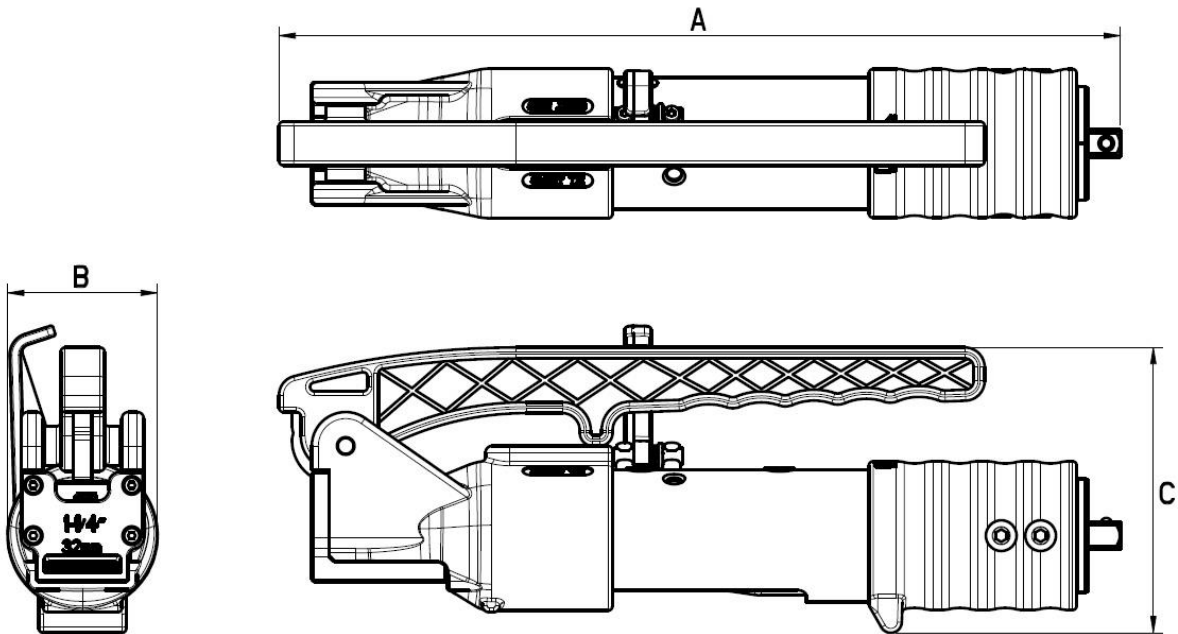


Description

Pneumatic Fitting tool to tighten the Smart® Tie 20mm (3/4") strapping product. Also manually cuts the excess tail once tension has been achieved. Tool suitable for onshore and offshore use. Can be used subsea.



Outline Dimensions (General Tolerance ± 5mm)



General Properties		
Property	Value	Unit
Weight ¹	2.60 (5.72) ± 2%	kg (lb)
Length (A)	385 (15.2)	mm (inch)
Width (B)	69 (2.7)	mm (inch)
Height (C)	130 (5.1)	mm (inch)

¹ Does not include torque wrench supplied with tool

Mechanical



Torque Settings and Tension								
Smart® Tie Material	Max Input Torque ²		Max System Force ³ (During Tightening)			Min Retention Force ³ (After Tightening)		
	Nm	lb-ft	N	kgf	lbf	N	kgf	lbf
PA66 (Nylon 66)	8	5.9	3300	337	742	2000	204	450
PA11 (Nylon 11)	7	5.2	2800	286	629	1400	143	315
PA12 (Nylon 12)	7	5.2	2800	286	629	1400	143	315
PPS (Polyphenylene Sulphide)	5	3.7	2400	245	540	1000	102	225

² The input torque may need to be reduced depending on the aggressive nature of the application.

³ The final retention force has been measured on a 200mm diameter steel pipe. This figure may be lower for smaller diameters, or higher for larger diameters.



Further Operating Details, including tool setup, maintenance and parts list can be found in the following booklet:

- SM-FT-1000 Banding Tool (*Operation, Parts & Safety Manual | Original Instructions*)



Important Notice to User

Storage: In offshore or corrosive environments tool should be washed with clean water, air dried and lightly sprayed with a corrosion inhibitor such as oil. Store in a cool dry area in original carton.

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Product Use: It is the user's responsibility to determine the suitability of the product for the task it is to be used for. HCL reserve the right to continually improve its product and would advise the user to contact HCL at all times to ensure they have up to date current data to work with.