PLC

Highest force for extreme applications

The lifting & lashing principle requires very special properties of the strap as well as of the strapping tool.

A brief explanation: The straps serve to lifting the load. As the entire weight of the strapped goods solely rests on the strap, an enormous belt thickness of 1.45 mm is needed. The strapping thus serves as sling gear. Lashing, on the other hand, refers to joining the load units with each other.

As this procedure is also of immense importance in shipping, the PLC can be used for lashing steel coils in the hull. Among other things, this form of load securing requires an extreme tensioning force that the PLC can deliver reliably up to 20,000 N.

The PLC is a pure tensioner working in conjunction with sealers SCR or DCR using crimp seals that allow controlled slipping of the strap in the seal and thus serve as shock absorbers. Enormous forces require extraordinary measures.

Pneumatic tensioner for steel strap

Contact Details

Unit 1, 73-75 Cormack Road Wingfield SA 5013

+61 8 8240 9000

admin@titan-asiapacific.com

Technical Data	
Kind of drive (sealing)	Pneumatic
Tension force	20,000 N
Dimensions	400 x 130 x 140 mm (L x W x H) 15.7 x 5.1 x 5.5″ (L x W x H)
Weight	8 kg 17.6 lb
Air pressure	max. 6 bar flow pressure
Air consumption (during tensioning)	10 Nl / s

Strap/Joint	
Type of strap	Steel strap
Strap	MEGABAND® special
Strap width	32 mm 1 1/4″
Strap thickness	0.80 - 1.45 mm 0.031 - 0.057 in

Application
Lashing & Lifting: for load securing for rail and sea transport Strapping of e.g. steel coils, wood or cellulose, etc.