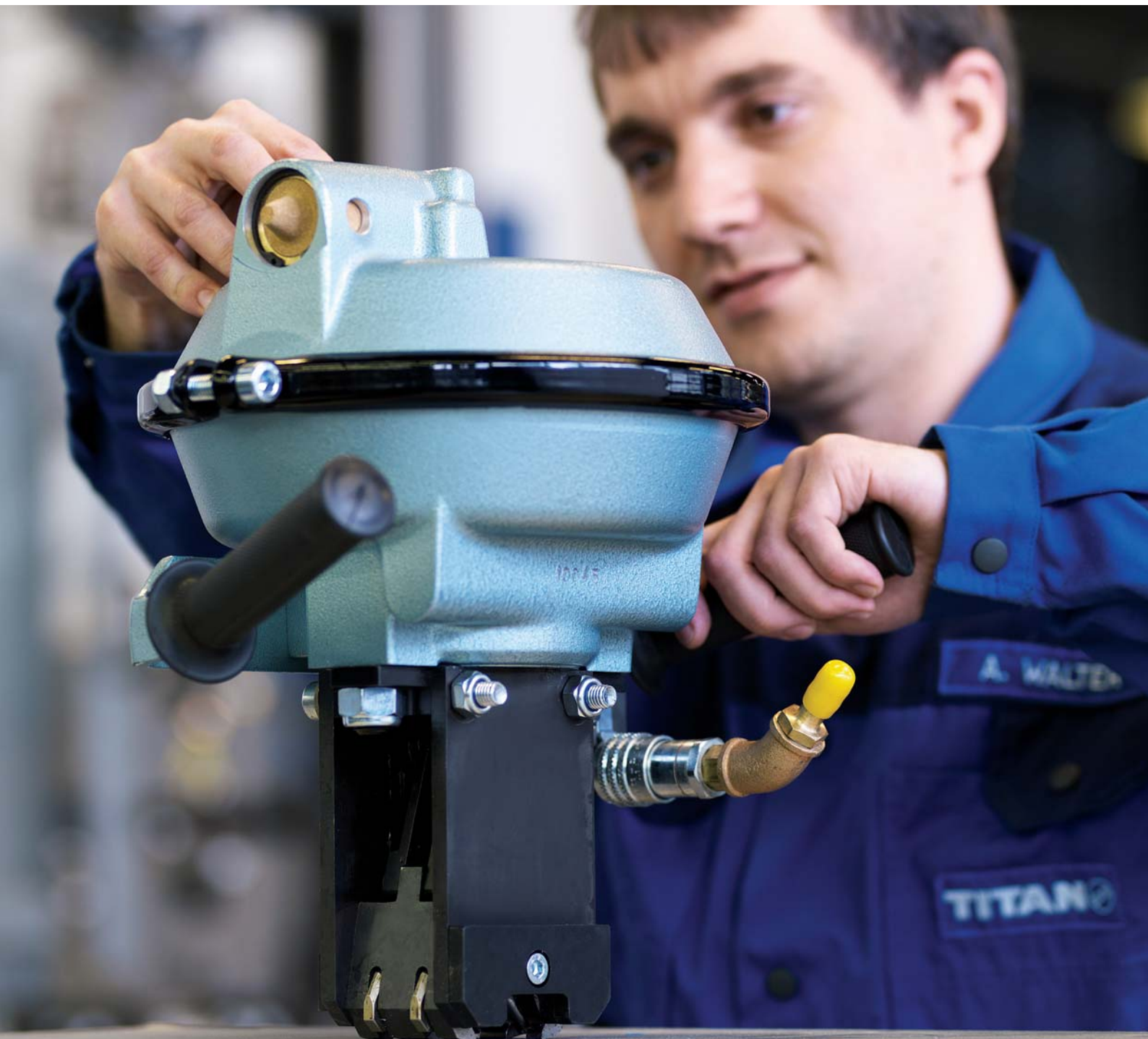


Titan Lashing and Lifting

Load Securing for Rail and Sea Transport.



Titan Lashing and Lifting

Robust and flexible.

Load Securing for Rail and Sea Transport

Expert stowing and securing of heavy coils, timber and cellulose can optimise the lashing of the product and the safety of the vessel and its loading by using the TITAN Lashing & Lifting system.

In addition to this the following advantages can be pointed out:

- Helps to save about 45 % of labour and material cost in comparison to the conventional lashing with wire rope.
- Makes lashing easier by the use of steel strap together with the pneumatic tensioning and sealing tools.
- The NCR seals are not cut-in due to the process of crimping the joint, they are only deformed at the side, therefore high additional elongation and joint efficiencies $\geq 90\%$ could be achieved.



The TITAN Crimp System is based on the pneumatic tensioner PLC likewise the pneumatic crimp sealer SCR/DCR. The TITAN steel strap cutter B 50 BR belongs to it as well as the strap dispenser BAQ and an air service unit.

To round down the program the TITAN MEGABAND-Special® and the NCR seals are the necessary consumables for this.

The crimping tools are corresponding to European and worldwide safety standards and are in conformity with CE.

Titan PLC

At 6 bar flow pressure the TITAN crimp tensioner PLC reaches this extremely high tension of 20,000 N. The pneumatic drive has a forward and a reverse motion.

Forward: tensioning

Reverse: strap correction or taking out the tool of the ready crimped strapping

Technical Data

Max. air pressure	6 bar
Air consumption	0.6 m³/min
Tensioning capacity	20,000 N

Steel Strap

MEGABAND-Special®

Strap width	32 mm / 1 1/4"
Strap thickness	0.8 – 1.45 mm / 0.031 – 0.057"



Titan SCR und DCR

The TITAN Crimp sealers SCR and DCR are high-quality special tools for the forming of the crimp joint. These seals and the straps are deformed at the sides, but not cut.

This preserves the full carrying capacity of the strap and offers at the same time a desired additional elongation.

Technical Data

	SCR	DCR
Max. air pressure	7 bar	7 bar
Air consumption	10 NI/Crimpstroke	10 NI/Crimpstroke
Tensioning capacity	Seal joint, single notch	Seal joint, double notch
	Seal type NCR	Seal type NCR

Steel Strap

MEGABAND-Special®

Strap width	32 mm / 1 1/4"	32 mm / 1 1/4"
Strap thickness	0.8 – 1.45 mm / 0.031 – 0.057"	DCR 080 0.8 – 1.12 mm / 0.031 – 0.044" DCR 145 1.27 – 1.45 mm / 0.044 – 0.057"



Titan Air Service Unit, cutter B 50 BR and the dispenser BAQ

The philosophy to offer an entire system is always the main objective of TITAN. For a smooth operation of our tools the pneumatic air supply is highly important.

Taking this into consideration it is self-evident to give you advice and support in the complete range of your workstation.

Next to the steel strap cutter B 50 BR, likewise the strap dispenser BAQ we recommend an air service unit for the operation of the Lifting and Lashing system series:

Technical Data

Pneumatic plug	3/8"
Fitting position	vertical +/- 5°
Pressurization	0.5 – 0.7 bar
Max. quantity of condensation	25 cm³
Supply pressure	1 – 10 bar
Nominal flow-rate	1,800 l/min





TITAN Polska Sp. z o.o.

ul. Techniczna 2
05-500 Piaseczno

Telefon +48 (22) 717 14 10

Telefax +48 (22) 717 14 12

E-Mail: js@titan-polska.com.pl

Internet: www.titan-polska.com.pl