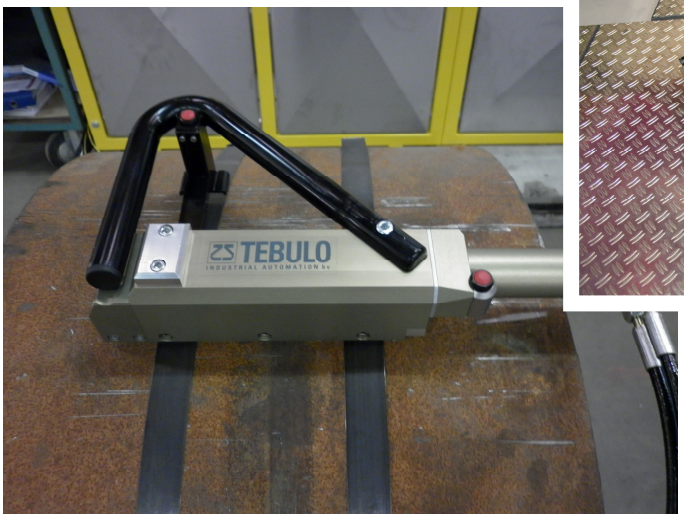
TEBULO

INDUSTRIAL AUTOMATION BV

Manual De-strapping Tool *

The Tebulo Manual De-strapping system is designed for safe manual cutting of straps of steel coils, plate-, profile- or tube stacks and/or other packages in industrial environments where full automatic robot based de-strapping machines are not practical. The simultaneous cutting and clamping design of the manual tool prevents unsafe labour conditions and injuries by flying straps. Severe coil damage due to bursting of the strap at the down coiler, by means of the in-feed table, belongs to the past. The Manual De-strapper is based on a two button operation system and a hydraulic operated knife to cut off the strap. The strap remains clamped unless one of the two buttons are released, so the operator can pull the strap away from the coil safely without the risk of getting injured. The manual de-strapping tool is connected to a hydraulic power unit with enough hose and cable length for flexible operation. This unit is easy to handle and use and rigidly designed to operate in various heavy industrial area's.

The orientation of the straps (circumferential or straps through the coils eye) does not influence the de-strapping process, both are easily to cut and removed.



Features

- Hydraulic operating cutting process.
- Flexible operation by using enough hose length between tool and aggregate.
- Simultaneously cutting and clamping of one side of the strap and prevents possible injury.
- Easy to carry usage in existing and new production lines.
- Operates with wall socket connection only.

*) Patent pending

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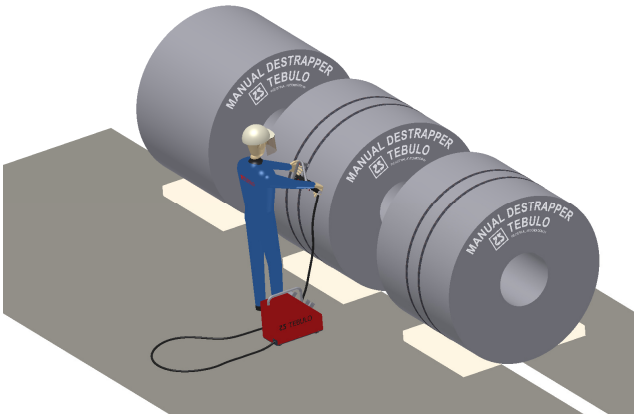
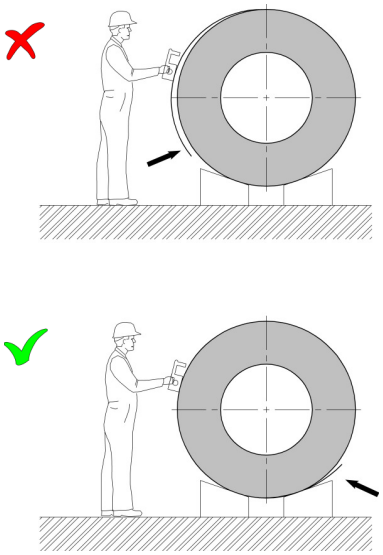
Notification

- End tail must be positioned properly at the bottom before remove the circumferential straps (as picture indicates).





Standard Specification Manual De-Strapping tool

- Single strap removal	25 - 32 mm (0,8 – 1,0 mm)
- Dual strap removal	up to two (2) overlapping straps.
- Coil diameter	800 - up to 3,000 mm
- Total equipment weight	35 kg
- Manual de-strapping tool	4,5 kg
- Control	Hydraulic pressure ca. 160 Bar
- Supply voltage	230VAC, 50Hz / 115VAC, 60 Hz
- Power consumption	0,75 kW
- Operation	By means of two (2) push buttons
- Overall height	465 mm
- Overall length	500 mm
- Overall depth	232 mm

Additional Options

- Adapter kit for smaller straps 16 and 19 mm strap width.
- In case of a stationary de-strapping position a balancing unit could be supplied for extreme easy handling.
- Longer cable and hose length upon request.

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