



The most experienced  
tool designers in the industry  
introduce the world's first...

### TE31

**MANUAL SEALLESS  
COMBINATION TOOL  
FOR STEEL  
STRAPPING  
WITH  
"Z-LOCK"  
REVERSE  
LOCKING  
SYSTEM**

IN DEVELOPMENT

The only available combination tools with a drum / windlass type tensioning system for heavy-duty tension requirements. These tools may be used in a variety of applications including small, round or irregular packages.

These tools come equipped with our exclusive "Z-Lock" reverse locking system designed for the most demanding applications. It provides added protection against the loosening or unlocking of the sealless connection in either direction. These tools are designed for the strapping of concrete products, crates, lumber, metal products, palletized products as well as other products to be unitized with steel strapping.

The TE31 series tools are designed for use with high tensile steel strapping (of up to 156,000 psi / 1100 N / mm<sup>2</sup>) and may also be used with regular duty strapping for much improved durability. For use with steel strapping sizes from 3/4" x .025" (19 mm x 0.635 mm) to 3/4" x .031" (19 mm x 0.80 mm).

The proven patented design provides much improved seal joint efficiency, while at the same time requiring 30 to 40 % less effort compared with any other tools in a similar category.

With the fewest individual parts and components, less maintenance and repair is required compared with other tools in a similar category.

Replacement of parts is very simple and it takes only a few minutes to replace the feedwheel, gripper, knife, punch or die.

Manufactured from only the most durable materials, this tool provides unsurpassed reliability.

#### TECHNICAL SPECIFICATIONS

Model Number	Strap Width	Strap Thickness
TE31-1	3/4" (19 mm)	.025" - .031" (0.635 mm - 0.80 mm)

Weight	10.8 lbs (4.9 kg)
Base Length	3.5" (90 mm)
Base Width	2.2" (55 mm)
Height	4.2" (105 mm)

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