



# **PNEUMATIC STEEL STRAPPING MACHINE**

**Manual No. 8998**



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## **PURPOSE AND FEATURES OF THE MACHINE**

The pneumatic tensioner tool and pneumatic sealer tool are the latest designs for use in packing. All operations are air-powered. The packing operations as a whole consist of tensioning and breaking. To perform this operation, the tensioner must be used together with the sealer.

These tools combine the advantages of lightweight simplicity of operation, quick packing safety, and ease of movement. They can be used for packing different materials, such as crates, tubular products, shaped steel, rebar, ingots, and large articles. They are ideal tools for standardized packages.

## SPECIFICATION

### 1. Pneumatic tensioner tool:

Air pressure	0.49~0.63Mpa
Tensioning speed	85mm/s
Strap tension	8500N
Weight	4.1kg
Steel strap specification	32mm width; 0.6~1.2mm thickness

### 2. Pneumatic sealer tool:

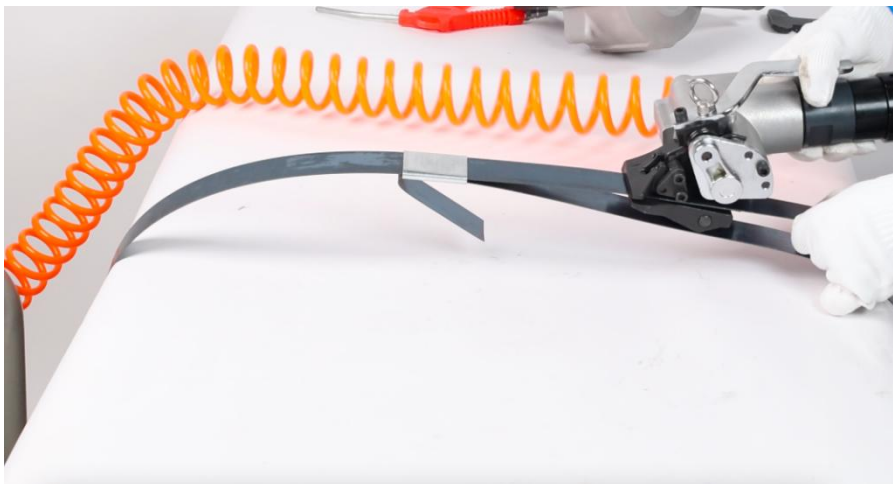
Air pressure	0.49~0.63Mpa
Weight	3.1kg
Double clip endurance	1500N
Steel strap specification	19~32mm width; 0.6~1.2mm thickness

## OPERATION

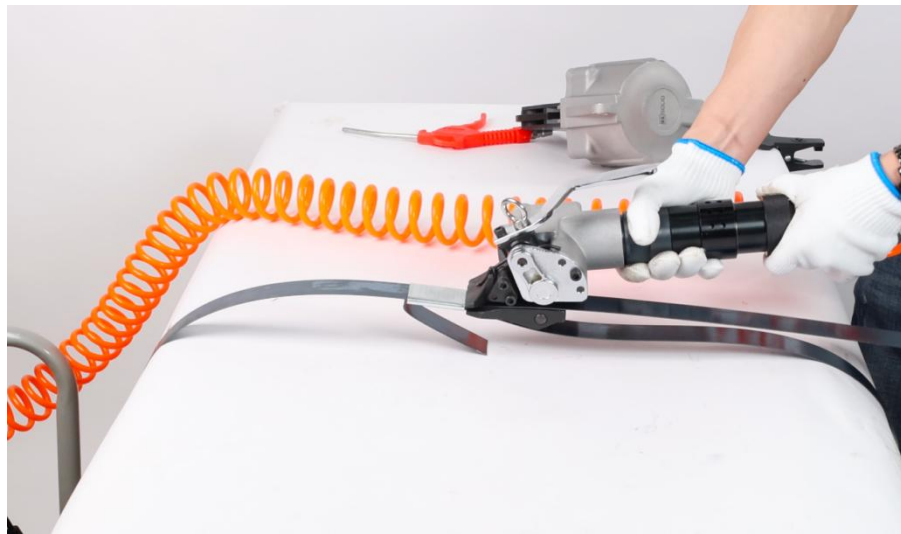
1. In the image below, first thread the steel buckle through the steel belt. Next, wrap the steel belt around the object you wish to secure. Insert the belt into the steel buckle, then bend it approximately 50 mm away from the buckle.



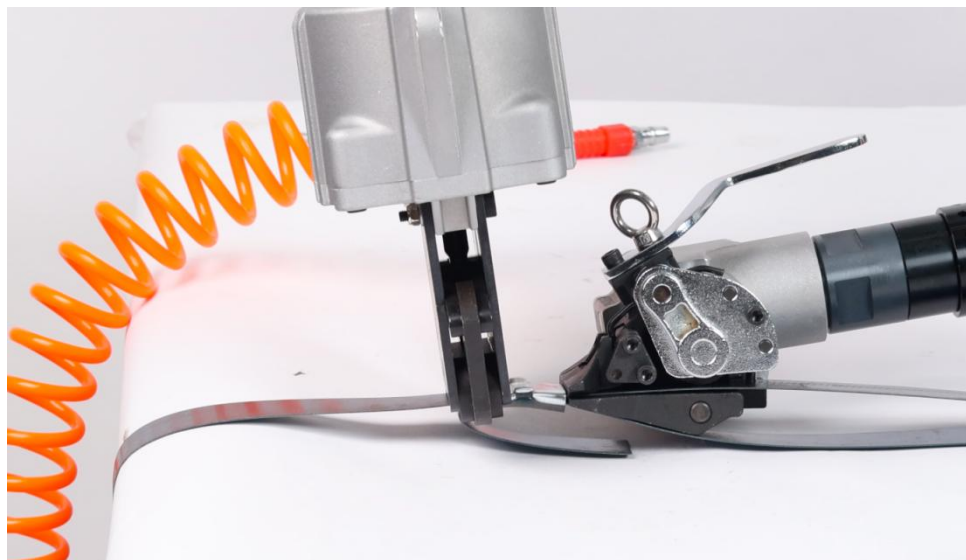
2. As illustrated in the following picture, grasp the motor body and press the handle with your thumb. Allow the steel belt, passing through the upper layer of the steel buckle, to be inserted between the tensioning wheel and the roller, then release the handle.



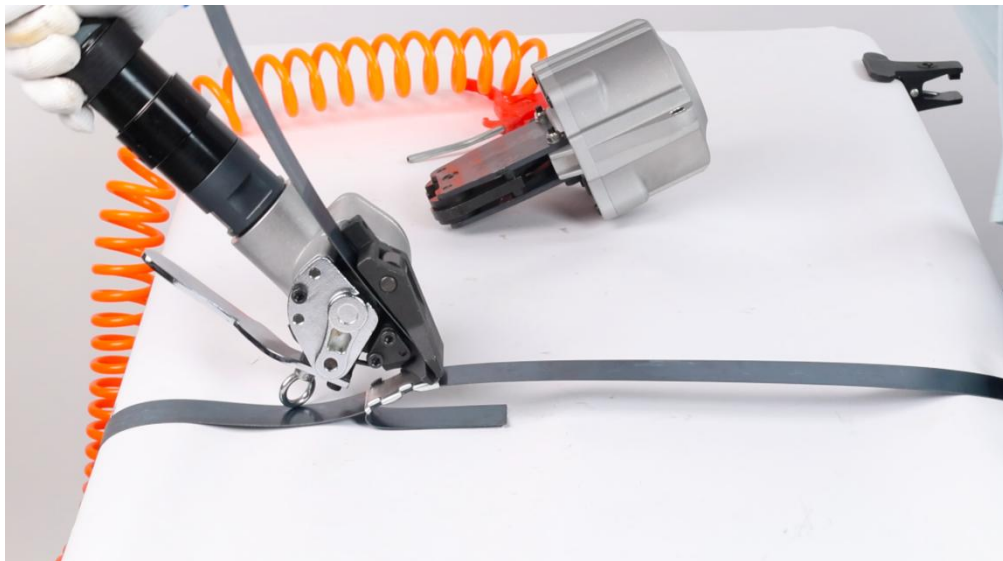
3. As illustrated in the subsequent image, the rotating ring at the end of the motor body has three positions: stop, half-open, and fully open. Rotate the ring clockwise. When the tensioning wheel turns, the steel belt tightens until it reaches a saturated state. At this point, it will cease rotating, yet the rotating ring will remain fixed in the fully open position.



4. As shown in the following picture, position the locking machine on the steel buckle and press the switch handle to complete the locking process.



5. As shown in the following picture, after completing the locking action, tilt the tensioning machine upward to the vertical position until the steel strip breaks, and then turn the rotating ring to the stop position.



## **PRECAUTIONS FOR USE**

1. To ensure effective lubrication, fill the lubricator with steam turbine oil. This will maintain a sufficient quantity of lubricating oil in the motor and the cylinder when the motor is running. The oil must drip from the lubricator at a rate of 40 to 60 drops per minute. Furthermore, if 20g of oil can be added directly into the tool before daily operations, it will enhance the success of the operation. It is important to clean the lubricator and the filter with kerosene at least once every six months during operation.
2. Adjust the air pressure within the range of 0.49Mpa to 0.63Mpa to ensure sufficient air pressure. Failing to do so may affect the quality of the bundling.
3. Pay attention to the interval between the tension wheel and the idler wheel, which should be between 0.1mm and 0.3mm. If not, adjustments should be made.
4. During operation, maintain a sufficient amount of lubricating oil in the rotating or rolling parts. Remember to remove any iron filings from the feedwheel promptly.
5. Regularly inspect the filter and the regulating valve. It is essential to drain the water from the filter daily.



## Contact

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