



Before using the tool,  
read the operating  
instructions carefully.



**H-1067**

**OR-H 47**

Hand tool for steel strapping

 **ORGAPACK**

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**1** Technical data

Weight	3.5 kg ( 7.7 lbs)
Dimensions	L = 370 mm (14.5") W = 185 mm (7.27") H = 122 mm (4.79")
Tension force	Up to approx. 6500 N
Sealing joint	Sealless notched joint

Steel strap	
Strap width	13, 16, 19 mm ( $\frac{1}{2}$ " , $\frac{5}{8}$ " , $\frac{3}{4}$ " )
Strap thickness	0,38–0,63 mm (.014"–.025")
Tensile strength	650– 1100 N/mm <sup>2</sup>

**2** General information

These operating instructions contain important information concerning the safe, proper and efficient use of the strapping tool. Compliance with the instructions will help to avoid danger, reduce repairs and stoppages and increase the reliability and service life of the strapping tool.

In addition to the operating instructions and the regulations for accident prevention effective in the country of use and place of application, the recognized technical regulations for safety and proper working must also be observed.

**a) Use for the intended purpose**

This tool is designed for strapping packages, pallet loads etc. This tool was designed and manufactured for safe handling during the strapping operation. The tool processes steel straps only.

**b) Possible misuse**

Plastic straps cannot be used.

**c) Information on environmental protection**

This tool is manufactured with no physical or chemical substances that could be dangerous to health. For disposal of all the parts, the governmental instructions must be observed.

**3** Safety instructions

**1. Inform yourself!**

Before using the tool read the operating instructions carefully.

**2. Protect yourself!**

When operating the tool, wear eye-, face- and hand protection (cutting protected gloves).

**3. Only strap packed goods!**

Do not put hands or other parts of the body between the strap and the package.

**4. Strap will snap forward when cutting!**

When cutting the strap, hold the upper portion and stand a safe distance away from the strap. **Caution:** the lower strap will snap forward.

**5. Strap could break during tensioning!**

Do not stand in line with the strap while it is tensioned. The strap could break!

**6. Danger of squeezing!**

Do not put your fingers into the tension wheel area.

**7. Original ORGAPACK spare parts!**

Only original ORGAPACK spare parts may be used.



1.



2.



3.



4.



5.



6.

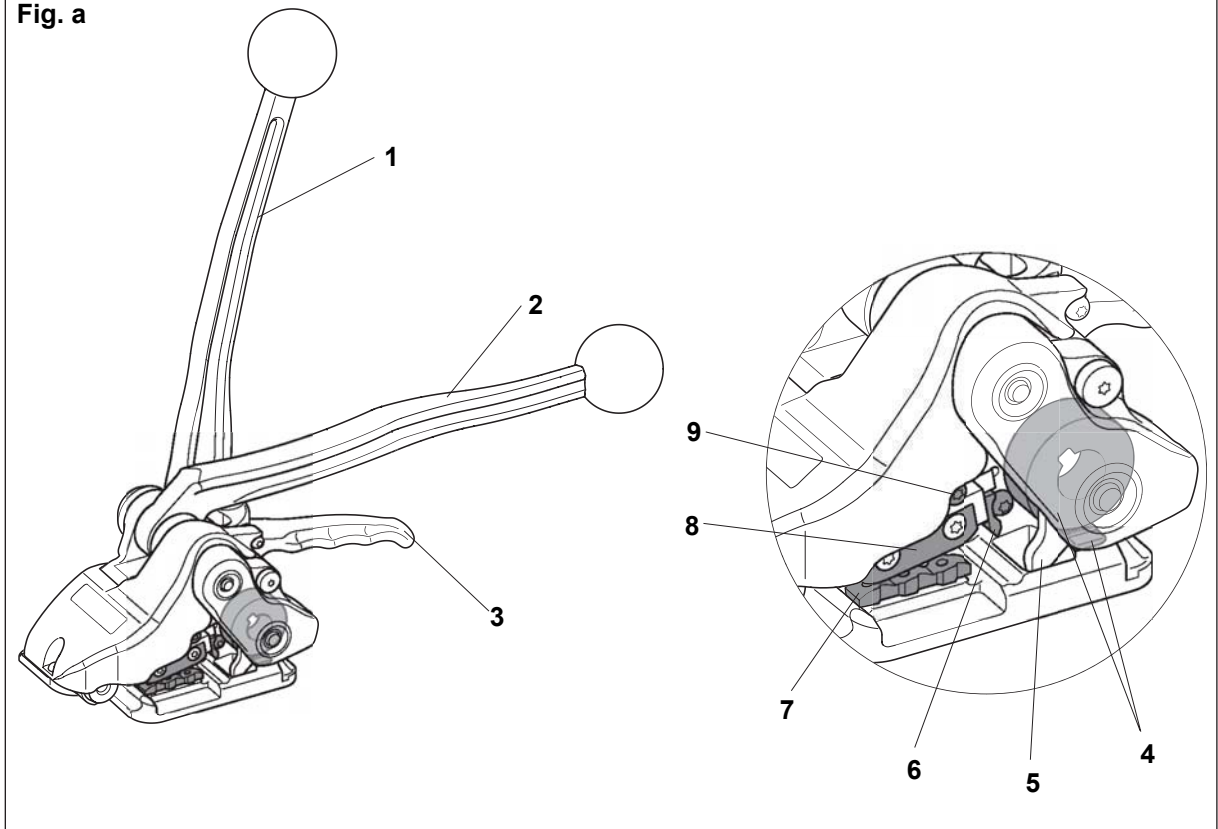


7.

## 4 Construction

1. Tensioning lever
2. Sealing lever
3. Rocker lever
4. Tension wheel and tension plug
5. Strap guide pawl
6. Cutter knife
7. Die
8. Punch
9. Adjusting screw (cutting depth)

Fig. a



## 5 Operating

**Fig. 1**

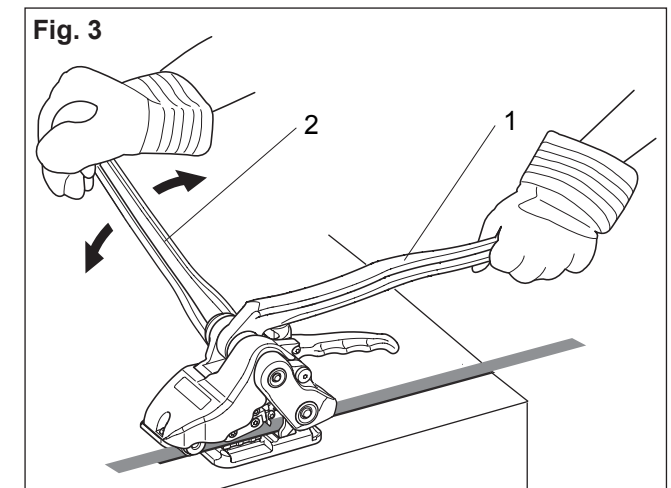
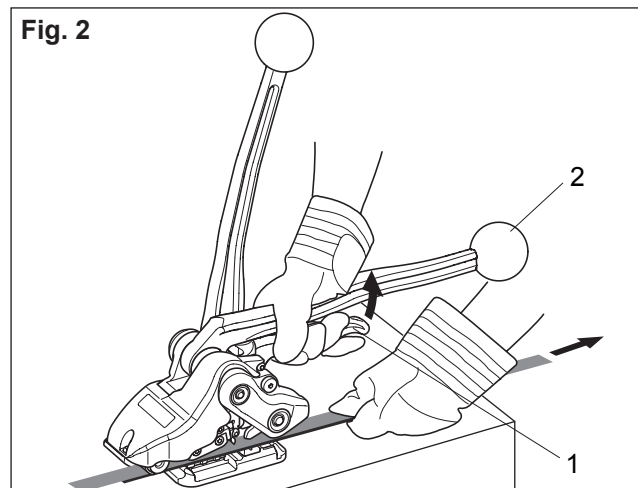
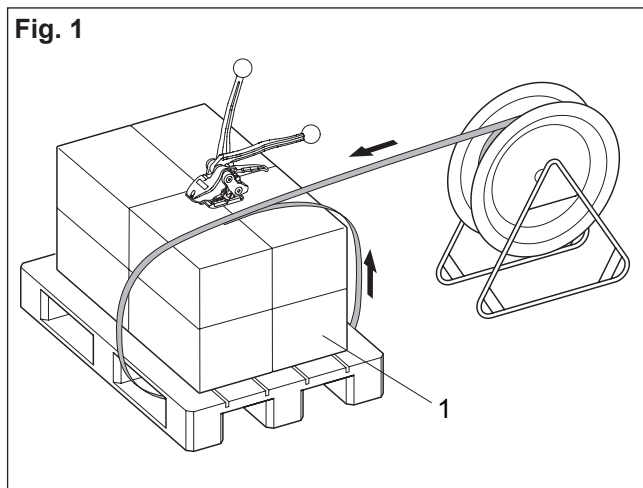
- Place strap round packed goods (Fig. 1/1), so that the straps lie above each other on top of the package.

**Fig. 2**

- Hold tool in right hand and raise rocker lever (Fig. 2/1) against sealing lever (2/2).
- Place tool against the strap until it contacts the stop.
- Release rocker lever.
- Strap can now be manually pretensioned.

**Fig. 3**

- Hold sealing lever (Fig. 3/1) in left hand and with the right hand move the tensioning lever (3/2) backwards and forwards until the required strap tension is obtained.



**Fig. 4**

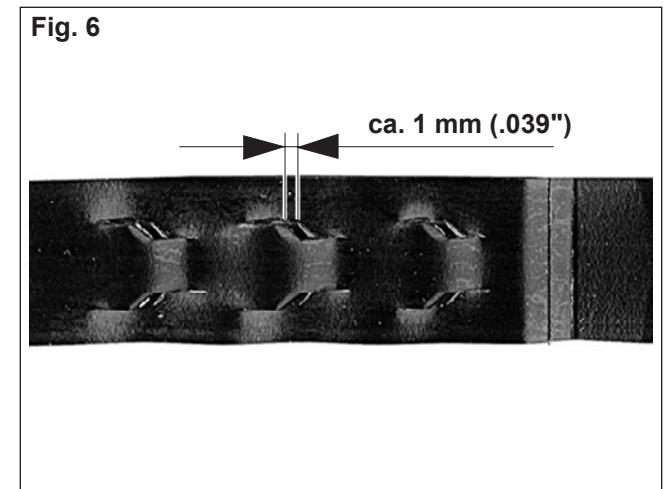
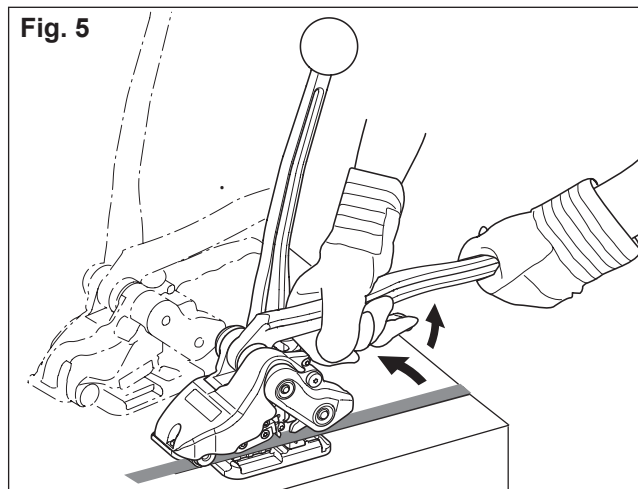
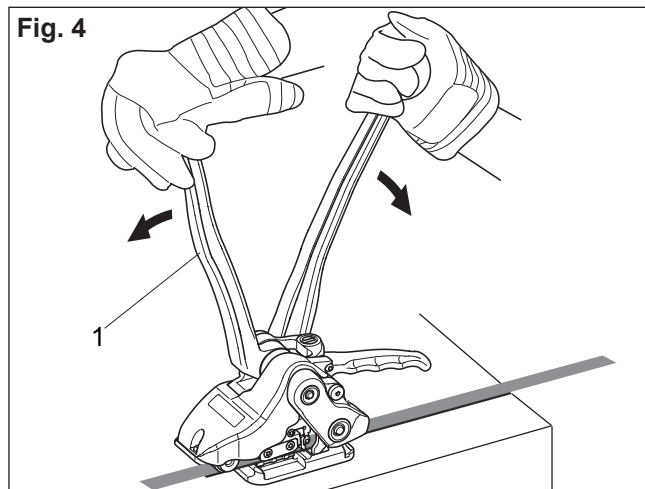
- When the strap tension is reached, move sealing lever (Fig. 4/1) to the stop. The right hand remains on the tensioning lever to resist the opposing force. The strap is sealed and cut.
- If the strap cut is incorrect (see chapter 6.2).

**Fig. 5**

- Return sealing lever to initial position.
- Raise the rocker lever against the sealing lever.
- Swivel the tool away from the strapping backwards and to the right.

**Fig. 6 Seal check**

To obtain the maximum seal efficiency, the notches must be cut and interlocked properly into the straps: Check this regularly. If these notches are not correctly cut, replace die and tension plug (see chapter 6.3).



# 6 Maintenance

## 6.1 Cleaning the tool

The tool should be regularly cleaned. The tension wheel and the tension plug, in particular, should be kept clean. The easiest way to do this, is to use compressed air to blow out the dust.

Wear eye protection. Periodically lubricate all moving parts with one or two drops of light machine oil.

## 6.2 Setting the cutting depth

The setting of the cutting depth must correspond to the thickness of the relevant strap. If set incorrectly, the sealing strength may be reduced.

- **Set adjusting screw marked in red** (Fig. 7/1) with screwdriver (Torx).
- Turning adjusting screw clockwise: increases cutting depth.
- Turning adjusting screw counterclockwise: decreases cutting depth.

**Set cutting depth so that the lower strap is not touched during cutting.**

## 6.3 Replacing wearing parts

### a) Replacing die

- Release tallow-drop screw (8/16).
- Raise die (8/93) with screwdriver and remove and replace it.

### b) Replacing punch complete

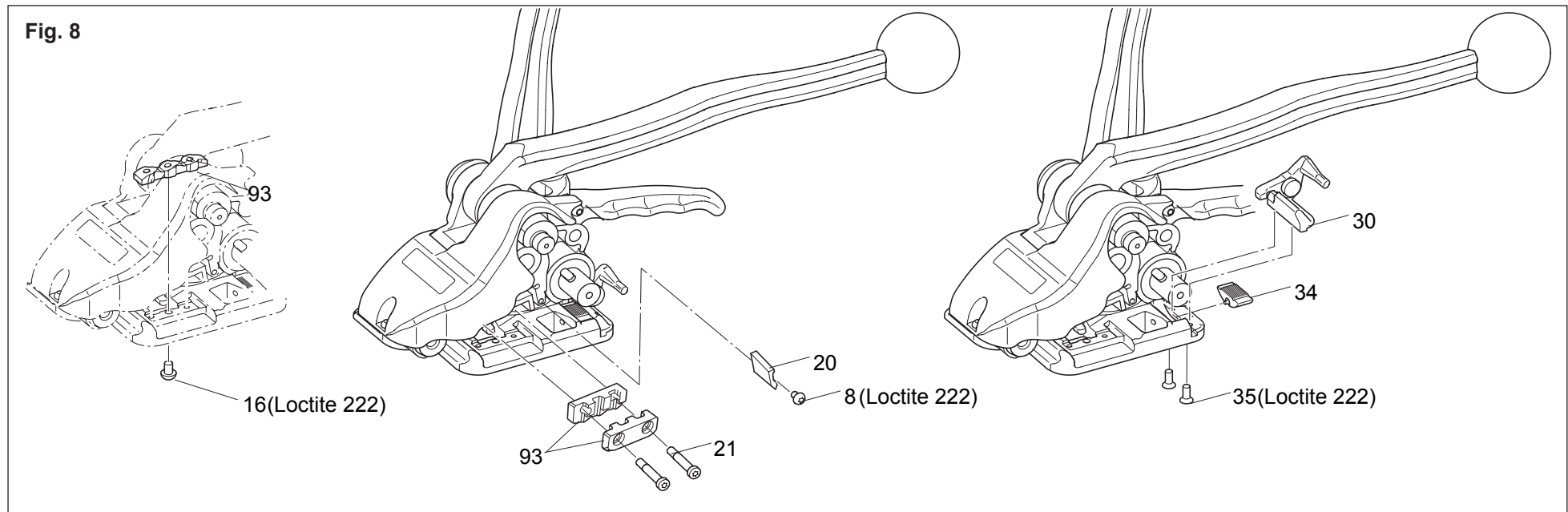
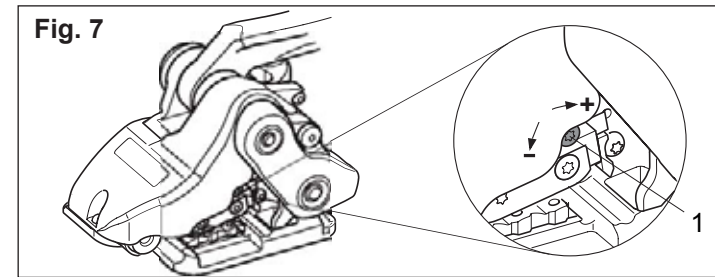
- Release screws (8/21), remove and replace punch complete (8/93).

### c) Replacing cutter knife

- Release tallow-drop screw (8/8) and remove and replace cutter knife (8/20). Adjust the setting depth after replacement (refer to chapter 6.2).

### d) Replacing tension plug

- Release two counter sunk screws (8/35).
- Remove tension plug support (8/30).
- Remove and replace tension plug (8/34).



**e) Replacing tension wheel**

- Release shoulder screw (9/64).
- Lift rocker lever and remove bearing cover (9/61).
- Remove distance washer (9/58), strap guide pawl (9/59) and distance washer (9/58).
- Remove and replace tension wheel (9/57).
- During installation, observe strap width adjustment (see Fig. 9).

