

Available version	Dimensions (mm)	Weight (kg)	matching staple 35 mm back width		
			for single corrugated cardboard	for double corrugated cardboard	for light triple corrugated cardboard
<input type="checkbox"/> MEPA 18	380 x 290 x 115	1.74	B 5/8 = 15 mm	B 3/4 = 18 mm	
<input type="checkbox"/> MEPA 22	380 x 290 x 115	1.74		B 3/4 = 18 mm B 7/8 = 22 mm	B 7/8 = 22 mm
			Leg lengths: Load capacity:	15 mm, 18 mm, 22 mm 100 staples	

## 1 Application area/designated use

This universal mechanical stapler is used to seal filled boxes made of single, double and light triple corrugated cardboard. This cover sealing stapler is also available as a pneumatic stapler.

## 2 Commissioning the device

Before putting the stapling tool into operation, please read all instructions in this manual. This stapling tool may only be put into operation by trained personnel. Also refer to the "General information".

### 2.1 Ambient conditions

The stapling device should be operated at room temperature, protected against environmental influences.

Use within an explosive atmosphere is permitted only with prior consent and written permission of the manufacturer.

### 2.2 Safety measures



**CAUTION: Handle the stapling tool with care!**  
**When the stapling tool is ready for operation, it is prohibited to reach into bending gripper area or the stapling ejection opening!**  
**The stapling device may not be directed towards people!**  
**The stapling device may not be initiated without the goods to be stapled!**  
**DANGER OF INJURY!**

## 3 Indications regarding the use of the device

### 3.1 Functionality description

The universal mechanical stapler is available in two basic versions:

#### **MEPA 18 and MEPA 22**

The universal mechanical stapler **MEPA 18** processes B 5/8 and B 3/4, (15 + 18 mm) staples

The universal mechanical stapler **MEPA 22** processes B 3/4 and B 7/8, (18 + 22 mm) staples

### 3.2 Handling

Fill staples into the magazine (6) (see chapter 3.3). Adjust the stapling device according to the requirements (see chapters 3.4 - 3.6). The **MEPA** cover sealing stapler is placed onto the carton to be sealed, so that the slit of the carton is positioned centered below the stapler (see arrow on the front of the stapler). Afterwards the stapling is triggered. For this, the stapling device is held on the housing (2) and the lever (1) pressed down completely. Subsequently, the lever (1) is brought back into its initial position and the stapling device can be moved to the next stapling position.

The optimum stability of the seal can be achieved if staples are additionally applied as close as possible (approx. 1 cm) from the edge of the folding box.



**CAUTION: Only move the stapling tool after the bending grippers have been fully retracted! Otherwise damages could occur.**

### 3.3 Reloading

The transport puck (7) is pulled back in the magazine (6) and swiveled downwards until it snaps in. After inserting the staple strips, press down the transport puck and **do not** bring it into a tensioned position rapidly.



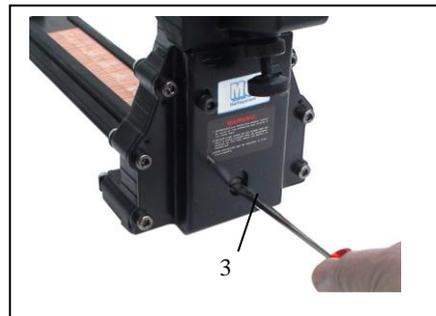
### 3.4 Adjusting the leg length of the staple

Loosen the hexagonal screw (10) with a 3 mm Allen wrench, turn the adjusting screw (3) 180° with a screwdriver into the required adjustment position. For long leg lengths turn the adjusting screw (3) so that L faces upwards. For a short leg lengths turn the adjusting screw (3) so that S faces upwards. Tighten the hexagonal screw (10) again.



MEPA 18

Leg-length	15mm (B 5/8)	18mm (B 3/4)
Adjusting screw position	S — T	L — S



MEPA 22

Leg-length	18mm (B 3/4)	22mm (B 7/8)
Adjusting screw position	S — T	L — S

### 3.5 Staple setting (open and closed stapling)

To set the stapling strength loosen the adjusting nut (4), turn the adjusting knurled knob (5) in the requested direction.

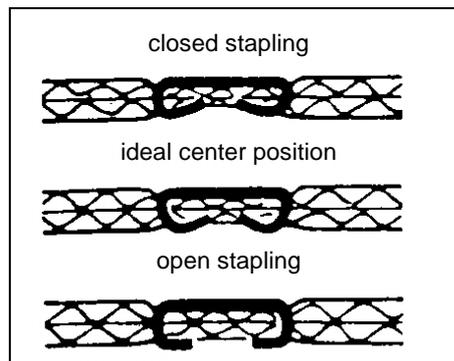
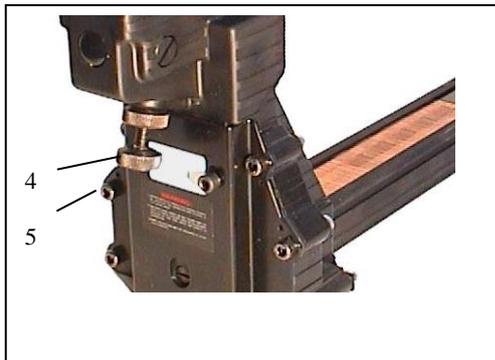
**Adjustment T = Thin = turn adjustment nut to the left**

**(Staple closed, recommended for thin carton)**

**Adjustment L = Large = turn adjustment nut to the right**

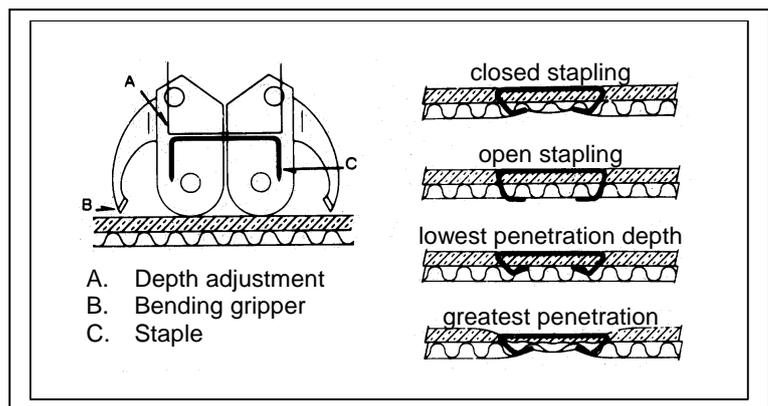
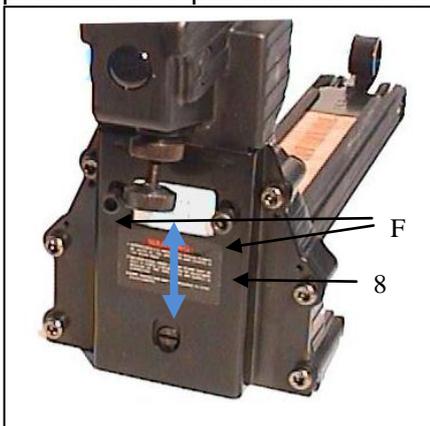
**(Staple open, recommended for thick carton)**

Subsequently the adjusting nut (4) must be tightened again.



### 3.6 Setting the Stapling depth

To adjust the penetration depth of the bending gripper (stapling depth), loosen the two front screws (F) with a 6 mm Allen wrench. Push the front plate upwards or downwards into the desired setting position. Subsequently tighten the front screws (F) again. If the front plate (8) is completely pushed upwards, the penetration depth will have the highest value. If the front plate (8) is completely pushed downwards, the penetration depth will have the lowest value.



### 3.7 Fault detection and troubleshooting

If any kind of fault arises, the stapling device must be taken out of service immediately and remain so until the proper functionality is restored.

Problem	Reason	Measure
Jammed staple	Screw loose on the bending gripper	Tighten screw firmly
	Staple size is set incorrectly	Insert the correct staple size
Asymmetrical stapling	Wrong staple size	Setting the stapling according to the operating manual (see chapters 3.4 - 3.6).
Staple does not bend over	Bending grippers are loose or damaged	Tighten the bending gripper at the screws, or replace if necessary. Send in the stapling device

### 3.8 Removing jammed staples

In case a staple becomes jammed, despite the built-in protection mechanism, the lever (1) may not be pressed down forcefully in any case, as this may lead to a fracturing of the bending grippers.

Pull the transport puck (7) backwards, as described in chapter 3.3. Remove the jammed staples with an appropriate tool, for example, with pliers. Unlock the transport puck (7) again. Now you can use the stapling device to the full extent again.

### 3.9 Unauthorized use and misuse

Only materials and staples defined for this machine may be used, as this could otherwise lead to malfunctions.

The stapling tool may only be used as specifically described in this operating manual. Any other application is only permitted after a prior written approval from the manufacturer.

Any kind of alteration to the device (e.g. drilling of holes) is only permitted with prior consent and written permission of the manufacturer. Only ORIGINAL spare parts may be used. (refer to the appendix "Spare parts list")

Failure to comply will void any guarantee claim and exclude any liability!

### 3.10 Personal protective equipment (training, instruction)

Only properly trained personnel is permitted to operate the stapling device.

<p><b>Important - General information</b></p> <p>The customer is responsible for ensuring that all persons who use this stapler, read and fully understand the operating manual. The same applies for the servicing personnel. The MEPA universal mechanical stapler is reliable and suitable for a continuous operation. Information regarding the safety, as well as information concerning the intended use and the maintenance is included in the operating manual.</p>	<p><b>Safety measures:</b></p> <ul style="list-style-type: none"> <li>• A defective stapling device may not be used.</li> <li>• Only load a stapling device, if it is needed.</li> <li>• A stapling may only be executed if the device is seated on the folding box.</li> <li>• Do not reach into the staple discharge opening on the bottom side.</li> <li>• Do not reload while the stapling is in progress.</li> <li>• In no case attempt to staple hard or fragile materials.</li> <li>• Use only ORIGINAL staples and spare parts.</li> </ul>
---	--

#### **4 Maintenance / Repair**

The MEPA universal mechanical stapler only requires very little servicing.

Only original spare parts from the manufacturer may be used (see Appendix "Spare parts list").

The following work processes/inspections should be performed by knowledgeable personnel on a regular basis:

- Regular oiling of the movable parts (no graphite oil!) on a weekly basis.
- Cleaning of cardboard dust.

#### **5 Decommissioning of the device and general information**

If the machine is not used for a prolonged period of time, all the staples must be removed from the stapling device.

#### **6 Appendix**