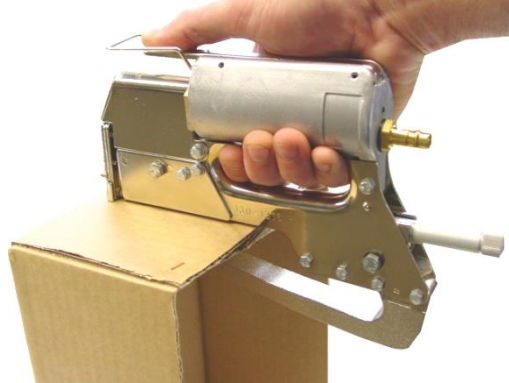


# Operating Instructions



**Stapling Plier, pneumatic**  
130/1916 P/PU/PUX | 130/2516 P/PU/PUX

## IMPORTANT

Before the first commissioning read this manual thoroughly and completely and keep it in a safe place. Observe and follow the safety instructions and only use the machine if you are sure that you have completely understood all the instructions. Failure to comply can lead to injuries!

If you have any questions, contact the manufacturer  
**MEZGER Heftsysteme**  
Saganer Straße 24  
90475 Nürnberg  
Germany

## Modell

Type/description:

**See label**

## Preface

For a safe operation of the stapling machine it is necessary to acquire the knowledge conveyed by these **ORIGINAL OPERATING INSTRUCTIONS**. The information is presented in brief and clear form. The chapters are sorted by numbers.

## Copyright





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## 1 Safety information

Safety instructions and important explanations are labelled with the following pictograms. The symbols used in the operating instructions have the following meaning:

Symbol	Signal word	Meaning
	Warning notice	Warning of possible injuries to persons or possible damage to property  Warning of possible defects or destruction of the machine
	Prohibition	Indicates general prohibitions!
	Warning notice	Risk of fingers being crushed!
	Prohibition	Protect from moisture!

Read all these instructions before using the stapling device and keep the safety instructions in a safe place.

The operating personnel must be trained in the handling of the stapling device and they must have fully read and understood the operating instruction.

To avoid injury or damage, the operator must additionally observe the company's internal safety guidelines!

In addition, we would like to refer to further national rules and safety provisions which are not contained in this manual.



**Keep persons who are not instructed, especially children, away from your work area!**

If damage to the device is determined by the operator during production, the device may no longer be used and must be repaired by a professional!

The required personal protective equipment must be provided by the operator.

Only original parts may be used as spare parts!

## 2 Intended use

The stapling device is a pneumatic stapler, primarily used for the stapling of single and double corrugated cardboard, but also of other thin and soft materials.

Don't staple into hard and brittle materials. This can damage the tool.



The stapling device may **only** be used as intended. It may only be used, operated and maintained according to the information contained in this operating manual.

Other usage can cause damage to tool and person. This is in the responsibility of the operator.

## 3 Ambient conditions/Emission

The 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.

The noise emission is less than 70 dB(A).

Non-atmospheric gases are not released during the stapling process.

## 4 Warranty and liability

**Our "General Terms of Sale and Delivery" shall generally apply** These terms were made available to the operator by the time of contract award at the latest.

Any warranty and liability claims in the case of personal and material damage shall be excluded, if such damage occurred as a result of:

- Improper use of the tool (not in compliance with intended use).
- Non-compliance with the specification provided in the operating instructions as regards transport, storage, assembly, commissioning, operation, maintenance and setup of the equipment.
- Operation of the tool with defective safety equipment or improperly installed or non-functional safety and protection facilities.

- Improper monitoring of tool parts which are subject to wear and improperly executed repair work.
- Any type of manipulation of the tool.

## 5 Initial commissioning

To make the stapling device ready for operation after delivery, the following tasks must be carried out:

- Check the equipment for completeness
- Load the tool with staples
- Connect the compressed air

Before the stapling device is put into operation, please read all instructions in this manual. This stapling machine may only be put into operation by trained personnel.



**When the stapling machine is ready for operation, it is prohibited to touch the stapling ejection opening or the running stapler! DANGER OF INJURY!**



**Oxygen or combustible gases may not be used as a propulsion source for pressure driven machines.**

## 6 Miscellaneous

This universal pneumatic-operated plier 130 is an all-purpose stapler for all stapling jobs such as carton blanks, telescope-type boxes, slide lids, carton trays, carrying handles etc. By-pass legs ensure a high level of strength. The legs lie flat and the tips are bent back into the cardboard. This means safety for people and contents!

Depending upon the carton quality, the following staples MG<sup>®</sup> 130 (crown size 13 mm) with different leg lengths can be inserted:

**MG<sup>®</sup> 130/10** with 10 mm leg length

**MG<sup>®</sup> 130/12** with 12 mm leg length

**MG<sup>®</sup> 130/16** with 16 mm leg length



## 7 Loading the magazine

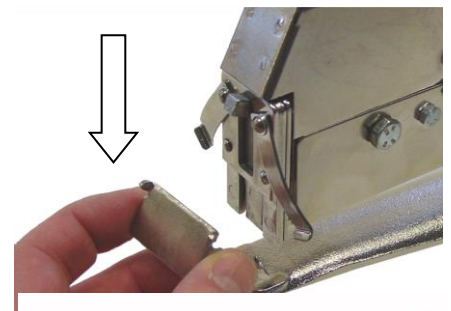
1. Take grip of staple pusher, press slightly inside, make small rotation to the left and pull staple pusher out backwards from the magazine.
2. Put staple strips onto the staple carrier now visible and slide them into the magazine.
3. Insert staple pusher again. Make sure the smooth surface at locking grip is on top. Press grip completely inside and lock by a small rotation to the right.

## 8 Trouble shooting

- At any malfunction stop working with the stapling plier. Do not try to clear jams by force. Consult operating manual and repair cautiously.
- Clean the stapler regularly and lubricate the friction points now and then.
- Unauthorized modifications or improper repairs are not allowed for safety and product liability considerations. In case fault cannot be cleared please take contact with the manufacturer for repair.
- Only **Original staples MG®130** as laid down in the specification may be used to avoid malfunction.
- Never point an operating stapling device at yourself or others.
- Beware of hands and fingers being caught in the danger zones between magazine staple delivery point and sword.

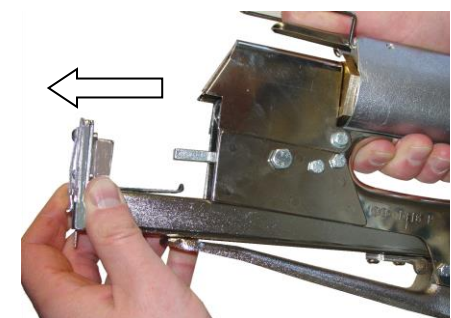
Staples and staple remainders can easily be ejected by activating the valve lever. In most cases this will already clear the jams. Should this action not be successful, do not force, but please take one of the following procedures:

1. In any case take out the staple pusher (133) first.
2. Pull down front plate (132) at staple outlet. In case the staple pusher has not been taken out before by mistake, the two laminated springs as long as they are still turned in – will prevent the staples from jumping out.
3. Swing out laminated springs to the left resp. to the right.
4. Now clean the open staple channel from jamming staples by sliding the staple pusher all the way through the channel.
5. Swing back laminated springs into their initial position and slip on front plate.
6. If this does not help, loosen set screw M 4x5 (150) and reduce compressed air while pressing down valve lever (140) until swing lever (113) is just as much moving. Remove hexagon screws M 6 x 31,5 (125) and pull out the magazine to front.



### ATTENTION Risk of injury!

7. After clearing insert the magazine from ahead into the stapling plier as described in section 6, but in reverse order. Prior to this pull up the swing lever (129) by means of a wire hook which has been curved accordingly in order to facilitate inserting the magazine.



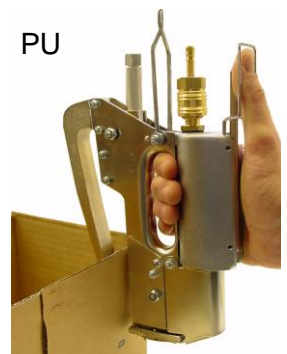
All moving parts should be oiled slightly now and then.

Only load the stapling plier when it is empty.

Pneumatic stapling pliers 130 P are also available with a reversed trigger (140) so that stapling is possible with the throat pointing downwards = model PU as well as with an extended magazine = model PX (loading capacity: 250 staples).

### 9 Technical Data / Options

Stapling plier	Version	Throat /Weight	Remark
130/1916	P	16 cm/ca. 2,1 kg	Standard
130/1916	PU	16 cm/ca. 2,1 kg	Modified trigger
130/1916	PX	16 cm/ca. 2,1 kg	Extended magazine *
130/2516	wie oben	25 cm/ca. 2,8 kg	Extended throat



Loading capacity: 100 staples = 2 strips MG® 130/10, 12 +16  
 Loading capacity\*: 250 staples = 5 strips MG® 130/10, 12 +16  
 air pressure: 4 - 6 bars; air consumption = 0.38 NL/stapling

We deliver all kind of accessories for pneumatic stapling pliers such as weight compensators, spiral hoses, maintenance units, etc..

Please ask for INFO Pneumatic accessories.

### 10 Compressed air connection

The air pressure with which the stapling device is operated is between 4 - 6 bar.  
 It is necessary to install a filter regulator upstream which consists of a filter and a pressure regulator.  
 As a connecting hose, a hose with an internal diameter of 6 mm is required. For this connection hose there is a self-closing hose coupling standardly provided on the maintenance unit.

### 11 Fundamental notes on the work technique and handling

Before the operator starts to use the tool he must be sure that the tool operates correctly.  
 Carefully observe all safety instructions!

	<p><b>Check to make sure that the stapling machine is not damaged and that it can be operated in a safe way.</b></p>
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The safe operation state of the stapling machine must be checked each time before any work is started!

Keep your work area in order.  
 Disorder in the work area can cause accidents.

### 12 Shutting down

In case the tool will not be handled for some time, please disconnect the air pressure and remove all staples.

### 13 Notice of residual risks

	<p><b>Compressed air connections must be checked regularly.</b></p>
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## 14 Maintenance and care



**ATTENTION!** Before every maintenance, the compressed air supply must be removed. Only original spare parts from the manufacturer are to be used (see appendix "Spare parts list").

In order to maintain the operational readiness and function of the stapler, it must be regularly checked and cleaned by the operator or by qualified personnel.

All friction points/movable parts should be lightly oiled from time to time.

Proper care helps to keep the stapler / stapler in good working order over time. The stapler / stapler should be thoroughly cleaned at least once a week.

- Do not use aggressive cleaning agents or solvents (damage seals), or even emery paper used for cleaning.
- Cleaning with compressed air is also to be avoided as there are dirt particles get into the sealing areas and damage them.
- Do not use footwash for cleaning.

Soiling must be removed directly from the operator after machining operations. Dirt on the workpieces can be blown off.



**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. (see "spare parts list")

**In case no ORIGINAL spare parts are used each warranty claim, or any liability is excluded!**

## 15 Malfunction detection



**During any kind of defect, the machine is to be shut down and separated from the pressurized air supply until the flawless operation is ensured again. Please do not try to dismantle or repair the machine.**

No stapling occurred or the staple wasn't fully bent, or it remains in the stapler:

No.	Cause:	Troubleshooting:
1.	Air pressure too low.	During the stapling 4 - 6 bar overpressure, Check hoses and valves and ensure that the tool has a sufficient air supply.
2.	Air cleanliness inadequate	Connect a maintenance unit upstream consisting of a pressure regulator and water separator.
3.	Staple is jammed in the tool and is not preformed.	Air pressure too low (see item 5). Stapling head too quick.

Remove **all** the staples from the stapling head and clean the device from deposits in soiling.

Reconnect the air supply.

Now you can use the stapling device to the full extent again.



**In the event of a malfunction, which is more extensive than just some jammed staples, please contact us. The tool will be examined by our specialists and the malfunction will be remedied.**

