



OPERATING INSTRUCTIONS

Manual steel strapping tool

SU-M1219



Please read this manual before using the product and follow the instructions it contains!

GENERAL

Foreword	3
Safety instructions	3
Technical data	3
Overview of the main components	4
Operating instructions	4

MAINTENANCE

Maintenance	7
Service & contact	7
UKCA Declaration of Conformity	8

FOREWORD

Congratulations on the purchase of your new SU-M1219 steel strapping tool. This steel strapping and packaging tool is made of high quality materials and specially designed for long service life. For your own safety and for the correct operation of the strapping tool, be sure to read and follow these operating instructions before using it. Keep these operating instructions. Check the SU-M1219 for transport damage. Damaged steel strapping tools must not be put into use.

This device is used for tensioning and punching steel strapping, with high tensioning force. Improper handling may result in injury or damage to the machine. TecMaschin is not liable for any damage resulting from the improper use of the SU-M1219 or the disregard of specifications and rules of conduct of this operating manual. The operator / user must ensure the correct use of the manual strapping tool by trained and authorized personnel.

SAFETY INSTRUCTIONS

- Read these operating instructions carefully and follow the instructions described in them as well as the warnings on the device.
- Only persons who have read these operating instructions may work with the SU-M1219.
- Check the unit for transport damage when it arrives. Maintain the unit at regular intervals.
- Wear suitable safety goggles and cut-resistant gloves during use.
- Bystanders must keep an appropriate distance from the user during the tensioning process. Tearing straps can cause serious injuries.
- Do not stand in the alignment of the belt while it is being tensioned.
- Keep your hands and other body parts away from the packaging strap while it is being tensioned. Do not reach under the strap while it is being tensioned.
- Be careful when cutting the steel strapping. The strap will pop open. Stand to the side of the strap and hold one end.
- Use only suitable spare parts for the hand strapping tool.
- Check the connections you make with this strapping tool. Incorrect connections can cause accidents later on.
- Do not lift the goods by the steel strap.
- Use a suitable edge protector if the edge of the item is particularly sharp.
- Observe other safety-related regulations concerning your workplace in order to avoid injuries.
- Ensure that you have a secure footing when using the tool.
- Modifications and changes to the device not approved by the manufacturer will void the warranty.

TECHNICAL DATA

GENERAL

Type	Unité	Valeur
Brand		TecMaschin
Model		SU-M1291
Degree of automation		Manual
Width	mm	100
Depth	mm	400
Height	mm	330
Weight	kg	3.9
Material		Aluminum alloy
Tension force	N	4500 - 15000

COMPATIBLE STRAPPING BAND

Type	Unité	Valeur
Width	mm	12.7 - 19
Thickness	mm	0.38 - 0.6

OVERVIEW OF THE MAIN COMPONENTS

No.	Name
1	Tension lever
2	Punching lever
3	Rocker
4	Tensioning wheel
5	Ripper plate



OPERATING INSTRUCTIONS

Check the strapping tool for functionality before each use. Non-functional equipment must not be used. Wear safety glasses and cut-resistant gloves when using the strapping tool. The strapping tool can cause cuts.

STRAPPING

1. Pass the strap around the package as shown in Figure 1. The end of the strapping band should be held with the left hand and tension applied with the right hand.
2. The rocker is operated with the right hand. The left hand guides the two superimposed steel strap ends into the device as far as they will go, as shown in Figure 2.
3. The lower end of the belt must protrude slightly from the unit.

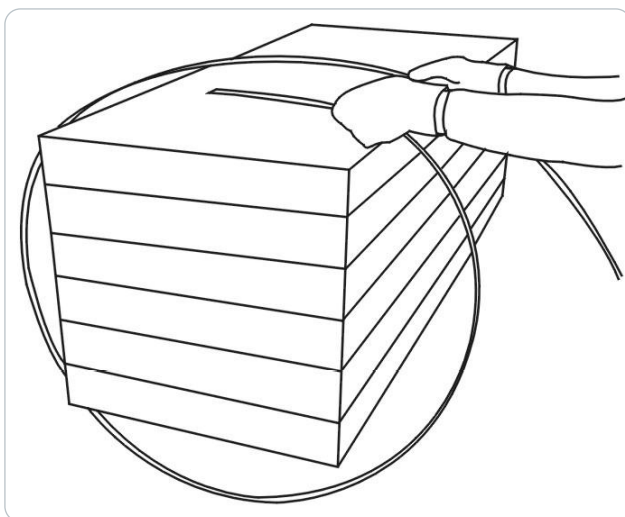


Figure 1

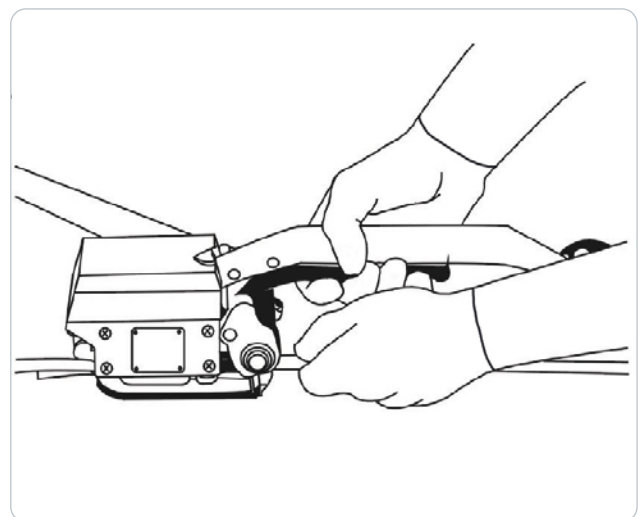


Figure 2

4. Release the rocker and make sure that the tape is fixed straight.
5. Hold the device by the punching lever with your left hand. Move the right tension lever back and forth until the desired tension is reached (Figure 3).
6. Punch the tape using the punch lever by moving it forward as far as it will go. The right hand holds the device firmly and provides the necessary counterforce (Figure 4).

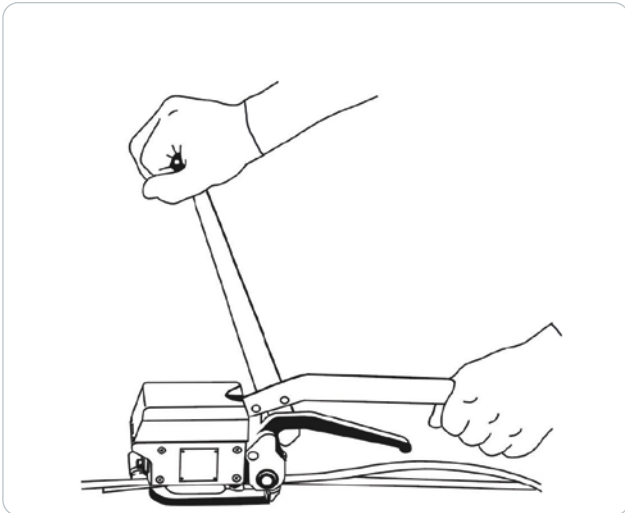


Figure 3

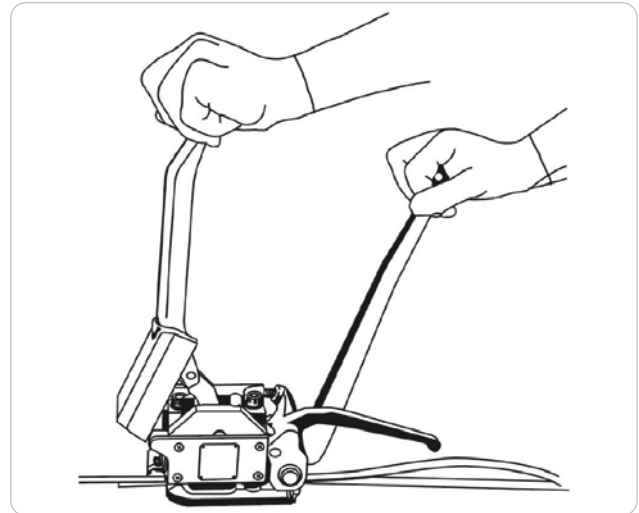


Figure 4

7. Hold the cut end with your left hand and lift the rocker with your right. Pull the strap end out of the device via the left side. Guide the device to the right away from the strapping (Figure 5).

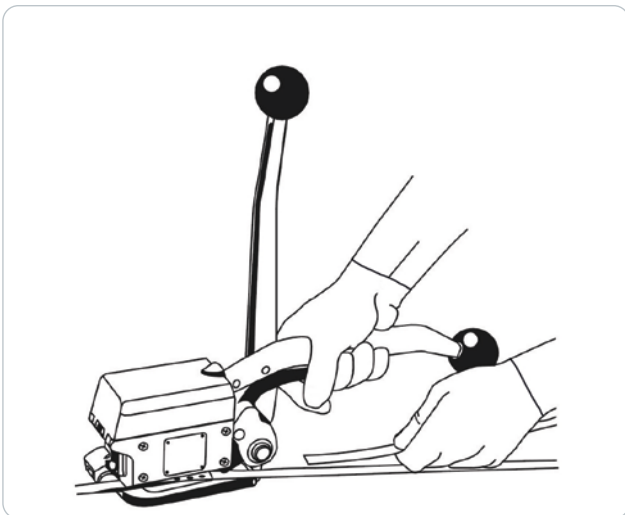


Figure 5

PUNCHING CONTROL

Check the punching of the steel strapping after each strapping operation. Incorrectly punched strapping can be a hazard. A simple visual inspection is sufficient.

To do this, compare Figures 6 - 8 with your punching. The punching depth should be between 1 and 2 mm.

The cut on the upper belt should be defined and no cut should be visible in the lower belt.

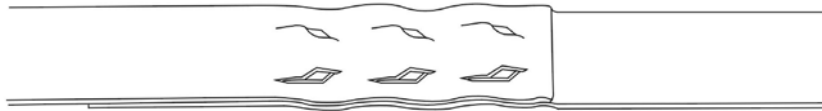


Figure 6: Correct punching



Figure 7: Too low punching



Figure 8: Too deep punching

If the punching is too shallow, the upper band will not be cut off and the hold will not be strong enough to ensure safe transport (see Figure 7).

If the punching is too deep, the upper band is cut completely and the lower band is also cut. This can lead to tearing during further handling of the package (see Figure 8).



A punched joint between the two strap ends that does not hold can have fatal consequences. Therefore, in such cases, the punching force of the strapping tool must be adjusted.

MAINTENANCE

ADJUSTMENT OF THE PUNCHING FORCE



To adjust the punching force, you will need an M5 hexagonal wrench.

1. Place the SU-M1219 sideways on a work table (see Figure 9).
2. Loosen the two M5 screws, on the bottom of the unit.
3. If the punching is too shallow, reset the stop of the mechanism towards the base plate.
4. If the punching is too deep, reset the stop of the mechanism in the direction of the housing cover.
5. Close the unit again and check the operation and the depth of the punching. Adjust the punching depth again if necessary.

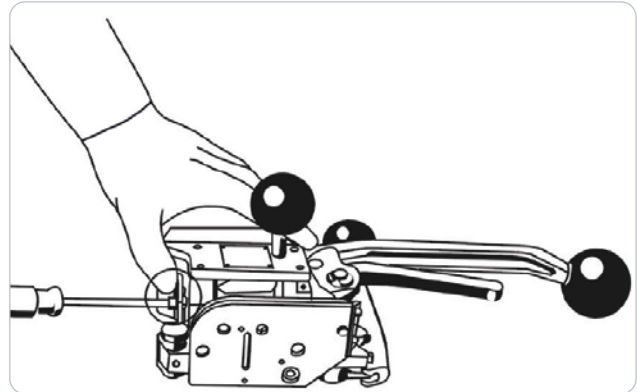


Figure 9: Punching force adjustment

CLEANING THE DEVICE



Dirt and abrasion can impair the function of the device. Therefore, follow the cleaning recommendations described here. A compressed air gun is suitable for cleaning.

Procedure	Interval	
	Daily	Weekly
1 Visual inspection of the external device	•	
2 Replace all damaged parts immediately or replace the unit	•	
3 Clean the insertion slot		•
4 Check all cavities		•
5 Check the operation of the tension wheel and the fluted screw		•

SERVICE & CONTACT

Contact our product experts and find help and solutions for your product. Here you will find all contact information listed by country and language: www.topregal.co.uk/en/service

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UKCA Declaration of Conformity

The manufacturer

TOPREGAL UK Ltd.
Carlton Drive Crumlin
Gwent NP11 4EA

hereby declares that the following product

Product name:

TecMaschin
Strapping tool for steel strap

Type:

SU-M1219

Serial number:

SU-M1219-1000000000 – SU-M1219-9999999999

that the equipment is in conformity with the following relevant UK legislations and applied standards:

2006/42/EC Machinery Directive

EN ISO 12100
EN 415-8
EN 415-10

Name and address of the person who is authorized, compile the technical documentation:

TOPREGAL UK Ltd.
Carlton Drive Crumlin
Gwent NP11 4EA



Place: Crumlin UK
Date: 09.05.2023

Juergen Effner
Chief Executive Officer

TECMASCHIN