



OPERATING INSTRUCTIONS

Strapping tool

HU-P1316



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

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FOREWORD

Congratulations on the purchase of your new HU-P1316 electric hand strapping tool. The easy-to-use battery-powered device is made of high quality materials, specially designed for durable and reliable use. For your own safety and for the correct operation of the strapping tool, please be sure to read and follow these operating instructions before using it.

It is best to keep these operating instructions. Check the device for transport damage. Damaged strapping tools should not be put into use.

The HU-P1316 is used for electrical strapping and packaging of various packages and goods. Improper handling may result in injury or damage to the machine. The operator / user must ensure correct use, making sure that it is only used by trained and authorized persons.

SAFETY INSTRUCTIONS

Please read the instructions carefully, failure to do so may result in injury during operation.

- Only trained personnel may use this device.
- Only use the strapping tool if you have a firm footing.
- The device should not be used by mentally or physically impaired persons.
- Only use high-quality strapping tape that is suitable for this device. Pay particular attention to width, thickness and tensioning force.
- Charge the battery only in dry rooms, at room temperature.
- Keep the device away from water, especially the battery.
- Remove the batteries before any maintenance.
- Use the device only at ambient temperatures between 5 °C – 45 °C.
- Wear safety glasses when using the device.
- Keep fingers away from blade and heating elements during use.
- Do not overstretch the strapping. Torn straps can cause property damage and serious injury.
- Bystanders should keep their distance if possible.
- Contamination of the device or on the strapping band can influence the result.
- Use only fully functional strapping tools.

TECHNICAL DATA

GENERAL

Type	Unit	Value
Model		HU-P1316
Colour		Blue
Dimensions	mm	340 x 130 x 118
Total weight	kg	3.1
Range of use		Indoors
Tension	N	600 - 4000
Tensioning speed	mm/s	100 - 200
Strip width	mm	13 - 16
Strip thickness	mm	0.4 - 1.2

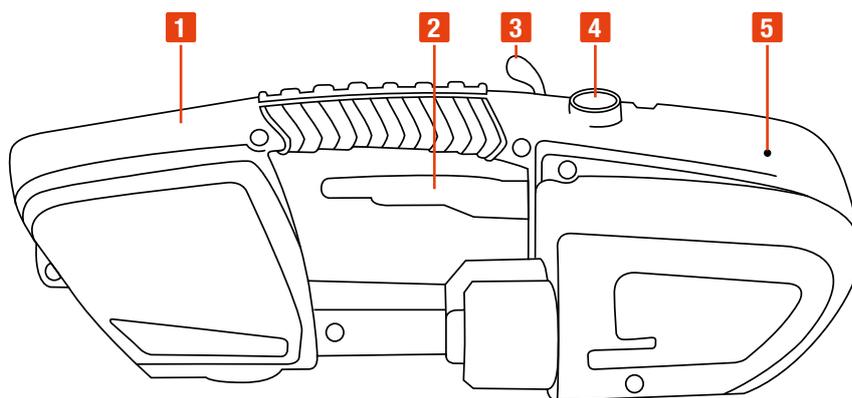
BATTERY

Type	Unit	Value
Battery		Li-Ion
Nominal voltage	V	14.8
Nominal capacity	Ah	4
Charging time	h	1.5
Operating time	h	12
Mains voltage	V	230
Frequency	Hz	50

Usable strapping: PET polyethylene / PP polypropylene

OVERVIEW OF THE MAIN COMPONENTS

No.	Designation
1	Battery box cover
2	Lever
3	Welding button
4	Tension knob
5	LED light

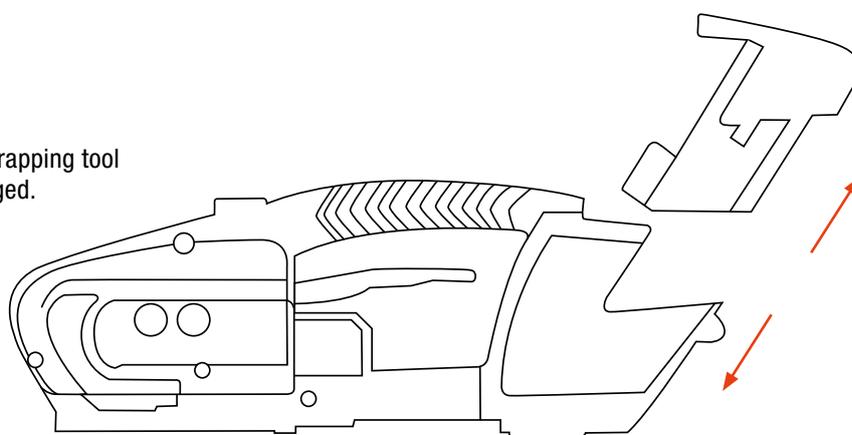


OPERATING INSTRUCTIONS

BEFORE THE FIRST USE

For safety reasons, the HU-P1316 hand strapping tool and the spare battery pack arrive discharged. Fully charge the batteries.

1. Pull the battery box cover up in the direction of the arrow.
2. When the battery is inserted, the current charging status is briefly indicated by a colored LED light on the top.



LED STATUS INDICATION

Colour	Status
Green	Ready for use
Red flashing	Low battery power
Red	Machine error
Violet	Work finished

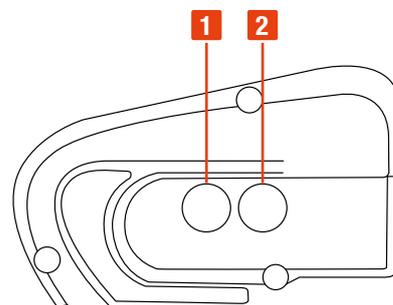
Remove discharged batteries and recharge them to make the device ready for use again.

If you use PP strapping, replace the internal spring with the enclosed one. See section „Adjustment of the welding pressure“ for this.

WELDING TIME ADJUSTMENT

1. Adjust the welding time if the strapping melts too much or the band does not hold.
2. To do this, turn the right control clockwise to increase the welding time.

No.	Designation
1	Tension force
2	Welding time



ADJUSTMENT OF THE TENSIONING FORCE

1. Adjust the tensioning force if the strapping is too loose or too taut.
2. To do this, turn the left control clockwise to increase the tensioning force.



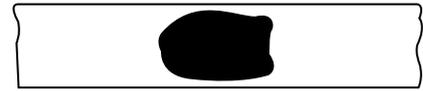
Start with a low welding time and a low tension force and slowly approach the desired result to avoid damage to the fabric and injury from tearing straps.

STRAPPING PACKAGES

1. Wrap the package to be wrapped with the strapping tape so that the ends overlap.
2. Lift the strap slightly so that you can drive under the strap with the strapping tool. Hold the lever while doing this. Release the lever when the tool is in the correct position.
3. Press the tensioning knob. After you have reached the desired clamping force, release it again.
4. Weld the strap by pressing the welding button. Once the strap is cut, you can remove the strapping tool.
5. Return the tensioning knob to the upper position by guiding the tensioning knob upwards and move the device away from the packaging tape.
6. Check the strapping again for any damage or weak points.



Correct welding



Welding time too short



Welding time too long

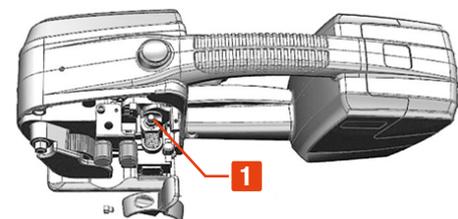
MAINTENANCE AND REPAIR

Check the functionality of the device regularly. Pay particular attention to correct welding and Tension, as deviations may occur here during prolonged use. In these cases, adjust the controllers. Remove the battery before any repair work in order to exclude possible injury hazards.

ADJUSTMENT OF THE WELDING PRESSURE

If the welding pressure is too low or too high, this can lead to faulty welding. This circumstance depends on 2 factors:
The material thickness and the strip material itself.

1. Remove the battery from the housing of the device.
2. Open the left cover of the housing by loosening the 3 M4 screws.
3. Move the weld knob to the down position to expose the silver M6 nut above the tension spring.
4. Tighten the nut to decrease the welding power.
5. To increase loosen the nut slightly.



No.	Designation
1	M6 nut
2	M4 screws
3	Knife
4	M4 screw
5	Spring

CUTTING FORCE ADJUSTMENT

If the strap is not cut or the blade cuts both strands of the strap, it is necessary to adjust the cutting force.

1. Remove the battery from the housing of the device.
2. Open the left cover of the housing by loosening the 3 M4 screws.
3. Loosen the M4 screw directly on the blade of the device with an Allen key.
4. Remove the blade of the device.
5. Replace the spring behind it.
6. Reassemble the device in reverse order.



Tip: The spring, which is already installed in the device, is used for welding with PET tape. If you use PP tape, replace the spring with the enclosed one before the first use.

ADJUSTING THE TENSION OF THE BELT

If the strapping band is not tensioned sufficiently and the device “runs along” the band, this may be because the distance between the gear plate and the tension roller is too great, preventing the band from gripping. To remedy this, place the additional shim included in the scope of delivery under the gear plate (see illustration). The gear plate is located opposite the tension roller.



Please ensure that the tension roller and gear plate are always free of dirt and plastic debris.



TROUBLESHOOTING

Problem	Cause	Solution
Control lamp does not light up	Battery is empty	Replace the battery with a charged one and charge the dead battery
The device does not weld properly	Welding time too short	Increase the welding time
	Welding pressure too low	Increase the welding pressure
The tape melts too much	Welding time too high	Reduce the welding time
	Welding pressure too high	Reduce the welding pressure
The device does not cut properly	Blade does not cut the tape completely	Adjust the cutting force
The device cuts the entire tape	Blade moves down too far	Reduce the cutting force
Red LED lights up	Tape is stuck in the device	Remove the battery, cut the tape. Open the device and remove the stuck tape
	The motor does not turn	Contact the manufacturer
Belt running through	Tension is not generated	See chapter: „Adjusting the tension of the belt“

PACKING AND DISPOSAL

PACKAGING

The packaging and individual components are made of recyclable materials. In detail these are: PE (polyethylene) films and bags, cardboard packaging. We recommend keeping the packaging at least during the warranty period.

DISPOSE OF OLD EQUIPMENT

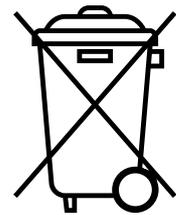
(Applicable in the European Union and other European countries with separate collection systems for recyclable materials)



Old devices must not be disposed of with household waste!

If the device can no longer be used, every consumer is required by law to dispose of old devices separately from household waste, e.g., at a collection point in his or her municipality / district.

This ensures that old appliances are recycled properly and that negative effects on the environment are avoided. For this reason, electrical appliances are marked with the adjacent symbol.



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

Responsible for the content:
TOPREGAL GmbH
Industriestrasse 3
70794 Filderstadt
GERMANY
www.topregal.com

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

Type:

HU-P1316

Serial number:

HU-P1316-1000000000 – HU-P1316-9999999999

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

2006/42/EC Machinery Directive
2014/30/EU Electromagnetic compatibility
2014/35/EU Low Voltage Directive

EN 60745-1
EN 60745-2-18
EN IEC 55014-1
EN IEC 55014-2
EN ISO 12100
EN IEC61000-6-4

EN IEC 61000-6-3
EN IEC 61000-6-2
EN IEC 61000-6-1
EN 60204-1
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
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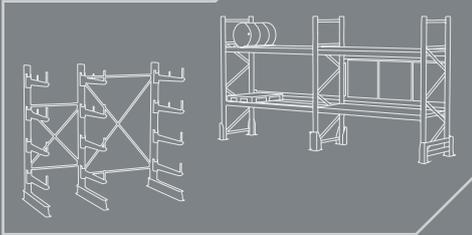


Place: Crumlin UK
 Date: 26.10.2023

Juergen Effner
 Chief Executive Officer

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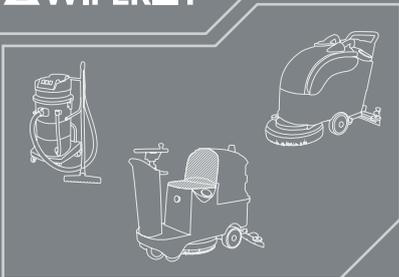
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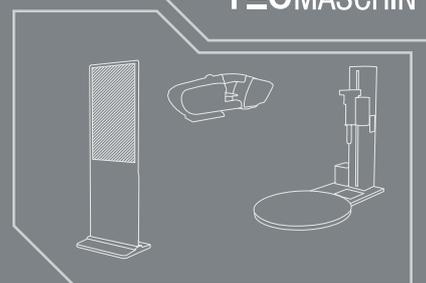
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