



ELECTRIC STRAPPING MACHINE

MANUAL NO. 10786



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SAFETY INSTRUCTION

Please read the matters carefully, if not follow this prompt, it is possible to cause operator injury during operation.

1.1 Battery operation

Environmental protection:

- 1) Please do not put used batteries into household trash can, waste water tank, or burn them.
- 2) Dealers provide battery environmental treatment services.

Short circuit

- 1) Do not leave batteries and other metal objects together.
- 2) Do not open the battery, and store the battery in a dry and anti-frost room. Maximum temperature is 50 C. Please keep dry all the time.
- 3) Do not charge waste battery. Change a new one immediately.

1.2 Eye injury hazard

If you do not wear safety glasses with side shields, it may cause eye damage and even blindness. It requires wearing safety glasses with side shields.

1.3 Operation

Personnel who are not properly trained are not allowed to operate the strapping tool. Before straining straps read and correctly understand the operating instructions. If you do not follow the operating instructions or improperly load the straps, it will cause straps damaged. Please keep your fingers far away from squeezing or cutting areas. Before being familiar with the strapping tool.

1.4 Adhesion position

You should check the pressured adhesion position. Be familiar with adhesion control and regulation. Irregular adhesion may be insecure, which cause serious injury. Please do not ship the packing containers which are not correctly packaged.

1.5 Straps distribution

Please use the specially designed distributing device to distribute the straps. When not in use, please fold the strap end into the distributing device.

1.6 Straps warning

Do not use straps to drag or lift load, which easily lead to personal injury.

1.7 Straps broken hazard

Improper operation, excessive tensioning, using straps not as requires, load sharp corner will cause tightening force lose, or straps broken could eventually:

The operator loses his balance and falls down.

Strapping tool and straps together quickly fly to the operator's face.

Attention:

- 1) If the load angle is very sharp, please add edge protection.
- 2) Please wind the straps around the suitable load surface.
- 3) When tensioning and adhesion, operating personnel and straps are on the same straight line, there may be hurt by flying straps or strapping tool, so when operating please stand Beside straps and keep spectators far away. Please use recommended straps with good quality in the instruction, with a suitable width, size, and strength. Straps that do not match may cause damage when tensioning.

1.8 Tensioning straps shearing

When shearing straps, please use a suitable shearing tool, and ensure a safe distance with people, and do not stand on the same straight line with straps, and keep away from the straps loose direction. Please use the special tool for shearing the straps. It is not allowed to use a hammer, pliers, hacksaw, axes and so on.

1.9 Fall hazard

Keep your work area clean and tidy. Untidy work area is likely to cause damage hazard. Before tensioning, bad stay or unbalance will be easy to fall, especially in the stair area. So keep body balance. Both feet shall tread on a flat and solid surface. When you feel uncomfortable, do not operate the tool. Please pay attention to the precautions specifically mentioned in work area.

1.10 Strapping tool hazard

- 1) Well-maintained strapping tool is necessary.
- 2) Periodically inspect broken or worn parts, if there are cracking or worn parts, do not use the machine.
- 3) Do not modify the machine, or else it may cause personal injury.

TECHNICAL PARAMETERS

2.1 Description

This machine comes with dual working modes: manual and auto. The auto mode can make users enjoy a way of one-touch operating, which is more convenient. It has its max tension power at 3200N, 9 grades can be adjusted by digital display operation. It is powered with high capacity 5000mah lithium battery, which make it work about 600 strapping cycles per charging.

2.2 Size of strapping tool with battery

Length: 370mm

width: 128mm

Height: 136mm

Weight: 2.9kg

Battery weight: 0.6kg

2.3 Straps material

Quality: flat or embossed PET (polyester) and PP (polypropylene) straps.

Applicable size : 12.7mm - 16mm (width)

0.6mm-1.20mm (thickness)

Please choose the appropriate size according to strapping tool you purchased.

2.4 Straps strength

Tensile strength: 500-3200N adjustable.

(Maximum value depends on the quality of straps.)

Tensioning speed: 120mm/s

Adhesive strength: about 75% of plastic straps.


(Depending on the quality of straps)

2.5 Working temperature

Ambient air temperature is 41°F— 113°F.

Optimum working temperature is 59°F — 77°F.

ACCESSORY

 Please use the parts and accessories that mentioned in the operating instructions.

To use other accessories may hurt you and others.

3.1 Battery powered strapping tool

As some strapping tools may use NiCd (nickel cadmium) or NiMH (nickel metal hydride) batteries, please purchase the battery for this tool according to the following parameters.

Type: Lithium battery

Voltage: 18V

Capacity: 5.0Ah

3.2 Battery charger

Standard charger:

INPUT: 50/60Hz, 100-240V

OUTPUT: DC14-18V,3A

Charging time: charging time is approximately 40-90 minutes.

OPERATING ELEMENTS



Semi-auto mode and manual mode:

This machine has 2 working modes: semi-auto mode and auto mode. How to make mode conversion?

Just press the friction button 2 and tension force 1 button at the same time and when the indicator flashes alternately, the mode conversion is done. A represents auto mode, H represents manual mode.




OPERATION

5.1 Battery installation:

Do not leave strapping tool batteries in the rain or water.

- ①. When installing or removing the battery, press the battery buckle with your thumb, gently pull out or insert the battery upwards, and release the buckle to fix it.
- ②. When the battery power is low, the indicator light on the strapping machine will turn red during operation to remind the user to charge it in a timely manner. When charging, the indicator light on the charger will turn red; after the charging is completed, the indicator light on the charger will turn green.
- ③. After installing the battery, the digital control panel will light up for 0.3 seconds and then enter the screen-off standby state. Before the strapping operation, lift the handle upwards and pause for 0.5 seconds. The digital control panel will light up, and the strapping machine will enter the working state.
- ④. To reduce power consumption, after the strapping machine has been stationary continuously for 120 seconds, the digital control panel and the indicator light will automatically turn off and enter the dormant standby state. Before the operation, simply lift the handle for 0.5 seconds to wake up the strapping machine.

Adhesion insufficient

 Warning: If the adhesion is not sufficient, please remove the straps! The battery must be charged.



5.2 Machine Operation:

① Manual mode:

Step 1 Wrap and stack the straps:

Please wrap the straps in the way as shown and do not allow the straps to get wet with oil or other debris at any time.



Step 2 inserts the straps into strapping tool:

When inserting the straps, the straps in the direction of tension must be stacked at the top end, the bottom strapping should be stretched to the bottom of the feeding wheel to cover the front of

the tooth plate 5-10MM longer, when inserting the straps, please lift the handle with your right hand, insert the straps with your left hand, the upper and lower ends of straps must be stacked parallel to each other after releasing the lift handle.



Step 3 Tighten or feeding in the straps:

When you press the tension button 1 and release it, the strapping tool will give you the default preset tightening time. Adjust the pulling force value: Button F can be used to adjust the pulling force value. The larger the value, the greater the pulling force.

Adjust the welding time: Button E can be used to adjust the welding time. The larger the value, the longer the welding time. When the tightness is not enough or too tight, just increase or decrease the tension power grade appropriately until it is appropriate. When tightening, keep the strapping tool moving in parallel and the forward direction of the strapping tool free of sundries.



Step 4 Welding the straps:

After pressing friction the button 2, the strapping tool automatically seals and cuts the straps(the time is preset by the system and can be increased or decreased adjust the friction time grade).



Step 5 Move away the strapping tool:

When the bonding operation is complete, lift the handle and feeding wheel run reversely to loose the straps accordingly and then move away the strapping tool.



② Auto mode:

Step 1 Wrap and stack the straps:

Please wrap the straps in the way as shown and do not allow the straps to get wet with oil or other debris at any time.



Step 2 inserts the straps into strapping tool:

When inserting the straps, the straps in the direction of tension must be stacked at the top end, the bottom strapping should be stretched to the bottom of the feeding wheel to cover the front of the tooth plate 5-10MM longer, when inserting the straps, please lift the handle with your right hand, insert the straps with your left

hand, the upper and lower ends of straps must be stacked parallel to each other after releasing the lift handle.



Step 3 Tighten and seal straps

When you press the tension button and release it, the strapping tool will tension, seal and cut the straps automatically.



Step 4 Move away the strapping tool

When the bonding operation is complete, lift the handle and feeding wheel run reversely to loose the straps accordingly and then move away the strapping tool.



5.3 Adhesion control

Correct adhesion:

Weld the entire width of strap, the welding length is about 19 mm.

A small amount of molten plastic is allowed to overflow the edge.



Welding time is too short:

The entire width is not welded and the adhesion is insufficient.



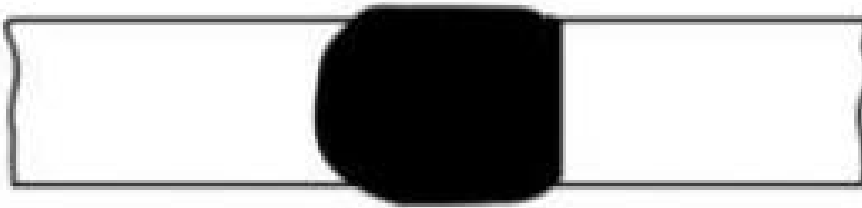
WARNING! Straps with insufficient welding must be removed. Adjust the welding time.



Welding time is too long:

Such as if welding time is too long, straps are overheated, molten plastic overflow two sides. Adhesion effect is affected.

⚠ WARNING! Straps with not enough adhesive strength must be removed. Adjust the welding time.



WORN PARTS REPLACEMENT

 **Every time maintenance, please remove the battery.**

Cutter: first remove the left shield screw and remove it. Then remove the screw on the cutter and remove it. Take out the cutter, Keep the cutter spring; install in reverse order.

Welding tooth plate: remove the fixing screw of the fusion lower tooth plate to remove the fusion lower tooth plate; install in the opposite order.

Tensioning toothed plate: remove the screw fixing the toothed plate on the base, lift the handle to take out the toothed plate for replacement, and install it in the reverse order.

Tensioning wheel: first remove the left cover screw and remove it, then take out the tension wheel, and then take out the two bearings on the tension wheel; install in reverse order.

COMMON FAULTS

1. Special reason: If the machine stuck in strapping process, which results straps stuck in the machine and can't be removed.

Immediately cut off power, cut the straps, remove the screws on the left and right panel covers and move, remove the straps, and check the machine. Check the lines on travel switch fall off and replace micro switch.

2. Press the welding and tensioning button, if motor doesn't rotate, check the motor and micro switch, and replace the motor and micro switch.

Contact

Feel free to visit our website:

www.ussolid.com

You can also email us at: service@ussolid.com