



ELECTRIC STRAPPING MACHINE

MANUAL NO. 8439



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SAFETY INSTRUCTION

Please read the instructions carefully. Not following this prompt could result in operator injury during the operation.

1. BATTERY OPERATION

Environmental protection

- 1) Please do not burn used batteries or put them into a household trash can or waste water tank.
- 2) Dealers provide environment-friendly battery recycling services.

Short circuit

- 1) Do not leave batteries and other metal objects together.
- 2) Do not open the battery. Store the battery in a dry and anti-frost room. The maximum temperature is 50°C. Please keep dry at all times.
- 3) Do not charge faulty batteries. Change a new one immediately.

2. EYE INJURY HAZARD

You are required to wear safety glasses with side shields. Not doing so can cause eye damage and even blindness.

3. OPERATION

Improperly trained personnel are not allowed to operate the strapping tool. Carefully read and understand the operating instructions before using the strapping tool. If you do not follow the operating instructions or improperly load the straps, it will cause strap damage.

If you are not familiar with the strapping tool, please keep your fingers far away from the squeezing or cutting areas.

4. ADHESION POSITION

You should check the pressured adhesion position. Be familiar with adhesion control and regulation. Incorrect adhesion position is hazardous and can cause serious injury. Please do not ship containers that are incorrectly packaged.

5. STRAP DISTRIBUTION

Please use the specially designed distributing device to distribute the straps. Fold the strap ends into the distributing device when not in use.

7. BROKEN STRAP HAZARD

Improper operation, excessive tensioning, or improper use of straps will loosen the tightened parts of the machine and eventually lead to straps breakdown. When this happens, the operator loses balance and falls, and the strapping tool and straps 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 operating the machine, the operator should stand beside the straps and keep spectators far away to avoid injury from flying straps or strapping tools. Please use recommended straps with good quality, suitable width, size, and strength. Straps that do not match may cause damage when tensioning.**

8. TENSIONING STRAP SHEARING

When shearing straps, please use a suitable shearing tool and ensure a safe distance from people. Do not stand on the same straight line with

straps, and keep away from the straps loosening direction. Please use the special tool for shearing straps. Do not use a hammer, plier, hacksaw, axe, and so on.

9. FALL HAZARD

Keep your work area clean and tidy. An untidy work area is likely to cause an accident. Before tensioning, improper or unbalanced posture may lead to a fall, especially on the stairs. So, maintain a proper body balance; tread on a flat, solid surface. When you feel uncomfortable, do not operate the tool. Please pay attention to the precautions specifically mentioned in the work area.

10. STRAPPING TOOL HAZARD

To avoid damage or work accident:

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

TECHNICAL PARAMETERS

1. DESCRIPTION

This strapping tool uses plastic straps. Use the strap-feeding device manually to wind the plastic straps around the box (bag). Strap ends are inserted into the strapping tool and manually tensioned and separated after friction adhesion.

2. SIZE OF STRAPPING TOOL WITH BATTERY

Length: 330mm

Width: 138mm

Height: 168mm

Weight: 2.75 kg

Battery weight: 0.46kg

3. STRAP MATERIAL

Quality: flat or embossed PET (**Recommended to use with U.S. SOLID PET strapping**). You can search for polyester PET strapping roll and PP (polypropylene) straps in our store.

Straps specifications: width 13-16mm, thickness 0.4-1.2mm.

4. STRAP STRENGTH

Tensile strength: 60-2100N adjustable (Maximum value depends on the quality of the straps)

Tensioning speed: 66mm/s

Adhesive strength: about 75% of the plastic strap (Depending on the quality of the straps)

5. WORKING TEMPERATURE

- Ambient air temperature is 5°C to 45°C (41°F to 113°F)
- Optimum working temperature is 15°C to 25°C (59°F to 77°F)

ACCESSORY

Please use the parts and accessories specified in the operating instructions.

Using other accessories may hurt you and others.

1. BATTERY POWERED STRAPPING TOOL

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: 14.4V

Capacity: 3.0Ah

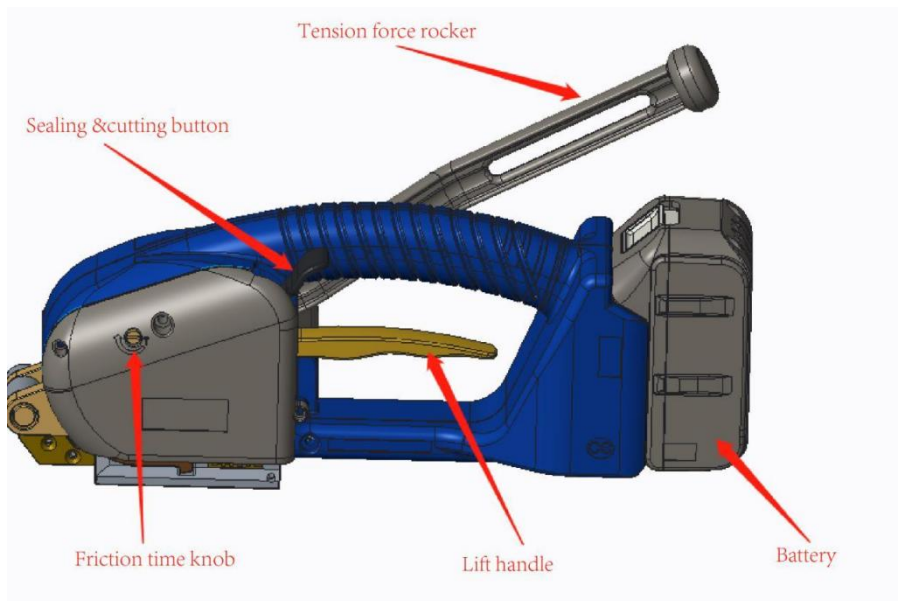
2. BATTERY CHARGER

Standard charger: Input: 100-245V ~ 50/60Hz

Output: 16.8V---3A

Charging time: charging time is approximately 60-90 minutes.

OPERATING ELEMENTS



OPERATION

1. INSTALLATION

- 1) Please do not put the strapping tools in the rain!
- 2) For security, the battery is not charged before delivery.
- 3) Please charge the battery before using it. Refer to the battery charging instruction manual.

Battery disassembly

*Do not leave baler batteries in the rain or water.

*For safety reasons the battery is delivered uncharged and separated from the device, please follow the instructions for assembly.

*Remove the battery by pressing the battery Clip Snap with your thumb and extracting it upwards or by releasing the Clip Snap after loading the battery.

*The indicator light is red when the battery is low, the indicator light is red when charging, the charging indicator light is green when charging is complete.

Remove drained battery

If the indicator light flashes red when tensioning or welding, indicating that the battery power has run out, all electrical functions stop.

Insufficient Adhesion

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

BATTERY DISASSEMBLY DIAGRAM



Unload battery



Loading battery

2. STRAP WINDING

Wind the straps as shown in the diagram (The strap that needs to be cut is stacked on top). This strapping machine is installed by default with a spring that fuses the PET strap (Recommended to use U.S. SOLID PET strapping, you can search for polyester PET strapping roll in our store). If you use PP straps, please replace another spring we have prepared for you.

⚠ Warning! Keep away from oil, grease and other dirt when welding plastic straps. Dirty straps can't be welded.



3.STRAP INSERTION

When inserting the straps, the straps in the direction of tension must be stacked at the top end, the bottom straps should be stretched to the bottom of the binding 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.



4.STRAP TENSIONING

After the strap is installed well, hold the baler handle in one hand, hold the tightening rocker in the other hand, while pulling the rocker backwards to the tail end limit mechanism, then push the tightening rocker forwards to the front section limit mechanism, repeat pulling the rocker backwards and forwards several times until the strap is tightened to the ideal state,then release the rocker . When tightening, keep the baler moving in parallel and the forward direction of the baler free of sundries.

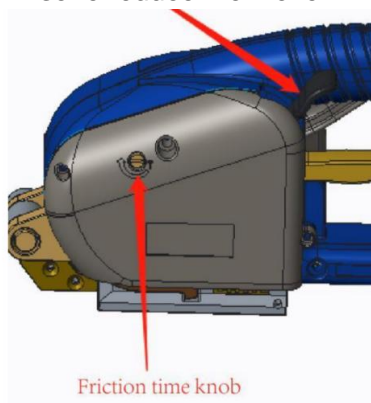


5.WELDING

After pressing welding the button, the baler automatically seals and bonds straps(the time is preset by the system and can be increased or decreased clockwise or counterclockwise as required). The welding will be completed after the machine indicator light stops flashing.The excess straps is automatically cutting off.



*Friction time adjustment, as shown below, with a small one-word batch adjust the potentiometer knob, clockwise to increase the friction time, counterclockwise to reduce the friction time.






6.REMOVE STRAPPING TOOL

Lift the handle and loosen the straps; pull the machine to the right side and away from the straps.



7.ADHESION CONTROL

Normal adhesion control is necessary. You can see the quality of the adhesion with the eyes as shown in the following diagrams:

	<p>Correct adhesion: Weld the entire width of the strap; the welding length is about 19 mm. A small amount of molten plastic is allowed to overflow the edge.</p>
	<p>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.</p>
	<p>Welding time is too long: If the welding time is too long, straps are overheated, and molten plastic overflow on two sides. The adhesion effect is affected. ⚠ WARNING! Straps with inadequate adhesive strength must be removed. Adjust the welding time.</p>

Contact

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