



S6MW Wet Belt Sanders Instruction Manual

S6MW– 6" x 48" Wet Belt Sanders

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GENERAL POWER TOOL SAFETY WARNINGS



WARNING: TO REDUCE THE RISK OF FIRE OR SHOCK HAZARD, DO NOT EXPOSE THIS EQUIPMENT TO RAIN, LIQUID, OR MOISTURE.

READ AND SAVE ALL WARNINGS AND INSTRUCTIONS FOR FUTURE REFERENCE

PRECAUTIONS

- Always wear safety glasses when operating power tools.
- Keep work area clean and well lit.
- Do not operate power tools in explosive atmospheres, such as the presence of flammable liquids, gases or dust.
- Keep children and bystanders away while operating a power tool.
- Keep long hair tied back or covered and never wear loose fitting clothing near a running machine.
- Additional precautions may be necessary when grinding materials that are flammable or have other hazardous properties. Consult manufacturer of materials for safe grinding and handling.

OPERATING INSTRUCTIONS

- Disconnect power before making any adjustments
 - Abrasive belt rotation is counterclockwise. If the abrasive belt is lap spliced, be sure of correct rotation. Butt spliced belts are bi-directional.
 - Belt tension is pre-set with tension spring (29) No belt tension adjustment is needed.
 - Belt Changing – Disconnect power. Open the guard door (52), then pull down the tension lever (30) to release belt tension. Remove the old belt, install the new one, and push the lever back up to reapply tension. Track sanding belt.
 - Belt tracking - With power disconnected, rotate the belt by hand to center it. Loosen hex nut and adjust tracking knob (42) in or out to track the belt. Re-tighten hex nut on tracking knob to lock the setting. Close guard door (52) and reconnect power.
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- Examine the abrasive belt carefully before use. Never use an abrasive belt with a nicked or cut edge, crease, or handling damage.
 - Coolant Use a rust-inhibiting coolant. Consult your dealer for specifications.
 - Adjust sanding head position (S6MW): Power off and lock out. Support the sanding head, then slightly loosen—do not remove—bolts (18) on frame (19). Reposition the head to the desired angle/height, keeping belt tracking and guard clearances in mind. Tighten bolts (18) on frame (19) evenly, verify alignment by rotating the belt by hand, then restore power and test tracking.

Maintenance:

- Keep the coolant tank clean. Direct coolant line into a container to drain.
- Wipe out swarf from the tank bottom.
- Vary sanding area to prevent wear on the sanding frame.
- Replace drive pulley if crown is worn flat.
- Replace idler pulley if bearing fail.

V – belt Inspection:

- Inspect the V-belt (cracks/glaze/fray) and verify pulley alignment.
 - Tension check: At the midpoint, pinch the belt—aim for about 1/4" squeeze. More = too loose; less = too tight.
 - Adjust: Loosen hexnuts (7,8) motor mount brackets (10), adjust up or down to set belt tension then retighten hexnuts (7,8). Run briefly, power down, and recheck.
 - New belts stretch—re-tension after the first hour and periodically. Loose belts slip/wear fast; overtight belts stress bearings.
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WARRANTY: All products are guaranteed for a period of one year to the original purchaser, against defects in material workmanship under normal use. Exclusions may apply.

RETURN POLICY: Authorization must be obtained BEFORE returning merchandise. Contact our customer service department at 269-382-2050 for a return authorization number. Include with your return a copy of your invoice or packing slip. Materials must be sent back prepaid unless otherwise indicated. All returns will be subject to a 10% restocking charge. No returns will be accepted after one year of the invoice date.

BELT SANDER SAFETY:

- 1) Read the operating instructions before running machine.
- 2) Always wear safety glasses or a full-face shield for protection.
- 3) Keep hands clear of the sanding area.
- 4) Never wear gloves or loose-fitting clothing when operating this machine.
- 5) Always keep hair tied back or covered.
- 6) Let machine rotation come to a full stop before changing belt.
- 7) Keep Safety guards in place. Do not alter guards or machine in any way. Any alterations to guards or machine could cause serious injury.
- 8) All belt sanders should be operated in a well-ventilated area. The dust created when some materials are sanded can be harmful. Dust masks are recommended as practical means of minimizing dust inhalation. Fumes from other sources can also cause fires when in contact with sanding sparks.
- 9) Sparks created by sanding should be directed downward and away from the face and body. Do not grind near flammable material.
- 10) Electric sanding machines are not intended for use in or near water. This includes an operator standing on a wet floor or working around containers of water or other conductive liquids.

