

Powered Hand Tools

Powered Hand Tools - Belt Sanders

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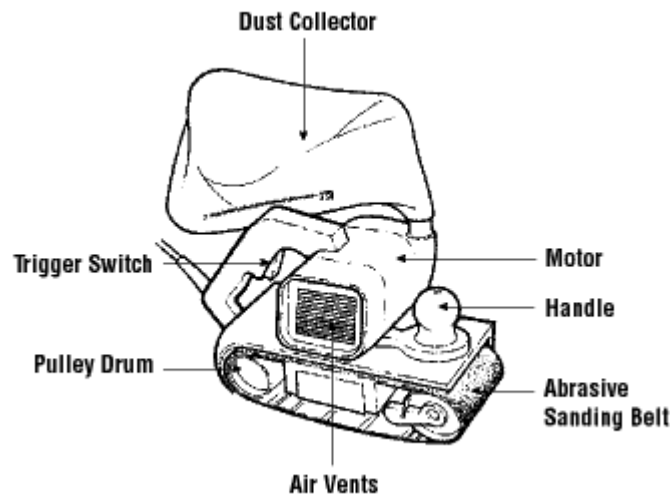
[What should you avoid while working with belt sanders?](#)

What should you do to work safely with belt sanders?

- Wear [safety glasses or goggles](#), or a face shield (with safety glasses or goggles).
- Wear a [respirator](#) for dusty operations.
- Make sure the sander is switched "OFF" before connecting the power supply.
- Disconnect the power supply before changing a sanding belt, making adjustments, or emptying the dust collector.
- Inspect sanding belts before using them. Replace if worn or frayed.
- Install sanding belts that are the same width as the pulley drum.
- Adjust sanding belt tension to keep the belt running true and at the same speed as the pulley drum.
- Secure the sanding belt in the direction shown on the belt and the machine.
- Keep hands away from a sanding belt.
- Use two hands to operate sanders – one on the trigger switch and the other on the handle.
- Keep all cords clear of the sanding area during use.
- If using a battery-powered sander:
 - Inspect the battery for any damage, cracks, or leaks before use.
 - Follow the manufacturer's instructions for charging and storing the battery. Avoid overcharging or exposing it to extreme temperatures. See [Battery Charging - Lithium-ion Batteries](#) for more information.
- Make sure there is adequate [ventilation](#).
- Clean dust from the motor and vents at regular intervals.

What should you avoid while working with belt senders?

- Do not use a sander without an exhaust system or a dust collector in good working order. Empty the collector when 1/4 full to prevent fire hazards. The dust created when sanding can be a fire and explosion hazard. See [Combustible Dust](#) for more information.
- Do not exert excessive pressure on the sander. Let the sander's weight do the work.
- Do not work on unsecured materials unless it is heavy enough to stay in place. Use clamps or stop blocks to prevent movement.
- Do not overreach or work in unstable positions. Always keep proper footing and balance.
- Do not cover the air vents of the sander to prevent overheating.



Refer to [Powered Hand Tools - Basic Safety for Electric Tools](#) for general safety tips.

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