

KALAMAZOO **INDUSTRIES, INC.**

Industrial Equipment Update

Kalamazoo S8W 8" × 60" Vertical Wet Belt Sander

High-throughput wet sanding with cool sanding and consistent finishes—designed for production shops.

Kalamazoo Industries' S8W is a vertical wet belt sander engineered for high-duty deburring, shaping, and finish work on ferrous and non-ferrous metals. The S8W pairs an industrial 7.5 HP, 3-phase drive with an integrated recirculating flood-coolant system to maintain cool cutting, reduce heat-tint and warping, and dramatically cut airborne dust compared with dry sanding.

Why It Matters for Shop Owners

- Improves finish quality and consistency by keeping parts cool at the contact point.
- Reduces rework on stainless and heat-sensitive alloys; helps protect temper and surface color.
- Cuts airborne dust and captures swarf, supporting a cleaner shop environment.
- Vertical layout keeps work close to eye level and within a comfortable reach zone for repeat jobs.

Product Highlights

- 7.5 HP, 3-phase motor (230/460V).
- 8" × 60" belt capacity in a vertical configuration.
- Integrated, recirculating flood-coolant package (tank, pump, splash bar).
- Air belt tension (approx. 40–50 PSI) with one-knob tracking for quick belt changes.
- 24V magnetic controls for reliability and safety.
- Twin V-belt drive with guarded pulleys; sealed bearings for low maintenance.
- Replaceable/reversible 8" × 13" platen and an 8" × 12" adjustable cast-iron work table.



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Technical Specifications (grouped for quick reference)

Power & Drive	
Motor	7.5 HP, 3-phase
Voltage options	230V or 460V (3-phase)
Drive	Twin V-belt, guarded
Abrasive & Tension	
Belt size	8" × 60"
Belt tension	Air tension, ~40–50 PSI
Tracking	Single-knob manual tracking
Controls & Safety	
Controls	24V magnetic push-button
Work Support	
Platen	8" × 13", replaceable/reversible
Worktable	8" × 12", adjustable cast iron
Coolant System	
Coolant	Recirculating flood system (integrated tank & pump)
Build & Origin	
Origin	Made in the USA

Applications & Use Cases

- Job shops & fabrication: fast edge-break, chamfers, weld prep and clean-up with cool grinding.
- Toolrooms & maintenance: controlled sharpening and form work while preserving geometry.
- Stainless, nickel, and specialty alloys: finish-ready surfaces with reduced heat-tint and distortion.

Facility Planning & Safety

- Power: 3-phase, 230/460V. Confirm circuit protection and amp draw per the latest cut sheet.
- Air: 40–50 PSI supply for belt tensioning.
- Coolant: plan for periodic tank maintenance and compliant disposal of spent coolant/swarf.
- Footprint & access: allow clear access to the work zone and coolant bay; confirm current dimensions with the manufacturer.
- Safety & PPE: wet sanding reduces dust, but eye/hand protection and guards remain mandatory.

Maintenance & Uptime

- Daily: release belt tension after use, wipe down, clear swarf, verify belt tracking.
- Weekly: inspect belt condition, platen face, and table squareness; check coolant level and clarity.
- Periodic: clean the coolant tank and pump intake; inspect guards, bearings, and drive tension.

Procurement, Pricing & Availability

The S8W is available directly from Kalamazoo Industries and authorized distributors. For lead times, pricing, and warranty coverage, contact sales at (269) 382-2050 or submit an RFQ on the product page.



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Notes

- Specifications and features are subject to change without notice. Verify final configuration at the time of order.
- If your workflow favors a horizontal presentation for plate or coupon work, ask about the S8HW horizontal wet belt variant.

