

KALAMAZOO **INDUSTRIES, INC.**

S8HW Wet Belt Sander

Cooler parts. Cleaner finishes. Less dust. Built for production.



In Brief

The Kalamazoo S8HW pairs an 8" x 60" abrasive with a recirculating flood coolant system. The result: flatter parts, longer belt life, and less airborne dust—especially on stainless and aluminum.

Fast Facts

What You Get

- 8" x 60" wet sanding envelope
- Heavy-duty frame with steel platen
- Magnetic, glove-friendly controls
- Made in the USA • 1-year parts warranty

Why It Matters

- Manages heat & discoloration on thin parts
 - Improves finish consistency for inspection
 - Controls dust/fines at the source
 - Extends abrasive life under load
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Spec Sheet

Spec	Detail
Model	S8HW (Wet)
Belt Size	8 in × 60 in
Motor	7.5 HP, 3-phase (230/460V)
Belt Speed	Production class (≈3,500 SFPM)
Coolant Tank	Approx. 16-gal, recirculating
Platen	Rigid steel platen
Controls	Magnetic starter

Myth vs. Fact

Myth	Fact
Wet sanding is messy and slow.	Modern flood systems are quick to clean and let the abrasive cut cooler and faster—reducing rework.
Dry sanding is fine for stainless discoloration.	Wet sanding helps avoid heat tint and warping on thin stainless parts.
Wet systems don't help abrasive life.	Coolant helps clear swarf and can extend belt life while maintaining cut rate.

Application Playbooks

Laser-Cut Steel Deburr

- 60–80 grit → 120 grit wet; flood coolant clears scale and edges quickly.

Stainless Pre-Polish

- 80 → 120 → 180 wet; finish with non-woven for uniform grain without heat tint.

Aluminum Finishing

- 80 → 120 wet; coolant reduces loading and improves surface evenness.

60-Second Setup & Care

- Verify 3-phase power (230/460V).
- Fill tank and set coolant mix per SDS; check with a refractometer.
- Confirm belt tracking and platen alignment.



Shop Math: Quick ROI

Assume wet sanding saves 5 minutes of re-buffing per stainless part and extends belt life by 25%. At 40 parts/day, that's ~3.3 hours/day saved in labor and fewer belt changes—often paying back the machine within months.

Safety & Compliance Note

Wet processes can help reduce airborne dust compared to dry grinding. For combustible metals, coordinate with your EHS team and relevant standards. Use appropriate PPE and ventilation for metalworking fluids.

Quick Compare: Which Model Fits?

S8HW (Wet)	S8HD / S8W (Dry)
• Heat-sensitive parts • Stainless/aluminum finishing • Dust control at the source • Inspection-grade flatness	• General fab/deburr • Simpler (no coolant) • Pairs with dry dust collection • Heat less critical

Ready to See It Run?

Get the full spec, videos, and a quick quote: kalamazooind.com → Products → S8HW (8" × 60").
Prefer a fast recommendation for belts and finish? Call (269) 382-2050.

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