

KALAMAZOO
INDUSTRIES, INC.

S10HD 10" x 90" Industrial Horizontal Belt Sander

Power • Precision • Throughput

Who It's For & Common Pain Points

Who It's For

- Shop owners
- Production supervisors
- Machine operators
- Fabrication & finishing teams

Pain Points

- Too many passes to reach finish on wide parts
- Inconsistent flats or dish across the surface
- Bottlenecks at manual deburr and blending stations
- Frequent belt changes and tracking issues



S10HD Overview

- 10 HP, 3-phase drive; orderable in 230V or 460V
- Wide 10" x 90" belt + rigid platen for flat, repeatable finishes
- ≈3500 SFPM belt speed balances removal and finish quality
- Magnetic controls with jog; operator-safe 24V on/off push-buttons
- Air belt tension (40–50 PSI) with one-knob tracking



Operator Wins & Proven Applications

Operator Wins

- Cover more area per pass
- Flat, consistent finishes from rigid platen
- Fast setups: one-knob tracking + air tension
- Reliable magnetic controls with jog

Proven Applications

- Deburring and edge-breaking of laser/plasma/saw-cut parts
- Flattening plates and bar stock
- Blending welds; smoothing parting lines
- Surface prep before coating or bonding



Spec Snapshot

Feature	Details
Belt size	10" x 90"
Belt speed	≈ 3500 SFPM
Work surface	10" x 28"
Platen	Steel, reversible, 10" x 29"
Motor	10 HP, 3-phase
Voltage options	230V or 460V
Full-load current	24 A @ 230V; 12.5 A @ 460V
Controls	Magnetic controls with jog; 24V push-buttons
Tracking / Tension	One-knob tracking; air tension 40–50 PSI
Dust interface	6" port hookup (external collector required — no internal collector)
Shipping dims	65" L x 65" W x 60" H *
Shipping weight	≈ 1400 lb *
Origin	Made in USA



Business Value & ROI

- Throughput: wide belt covers more per pass → fewer part flips/handling
- Consistency: rigid platen and tracking deliver flat, repeatable finishes
- Uptime: reversible/replaceable platen; stocked parts; sealed bearings
- Versatility: metals, wood, plastics, composites with proper belts



Operator Tips: Belt Sequence & Setup

- Batch parts: coarse (60–80) → medium (120) → finish (180–220)
- Oscillate parts across the 10" width to distribute belt wear
- Verify tracking under load; adjust with the one-knob tracker



Dust Collection

This machine provides a 6" port hookup for a dust collection system only—no internal collector. Connect to your shop's external collector.



Safety Checklist

- Wear eye and hearing protection; use dust collection
- Verify guards; keep hands clear of belt and platen
- Use work supports for heavy/long parts; avoid freehanding plates
- Lockout/tagout before belt changes or service



5-Minute Daily Maintenance

- Daily blow-down of guards/stand; remove dust build-up
- Verify belt tension (40–50 PSI); re-seat belt on pulleys
- Inspect platen; flip/replace if heat-checked or grooved
- Spin by hand; bearings should run smooth and quiet



Offer & Ordering

- Free application review
- Request pricing and lead time today

Ready to move forward?

- Kalamazoo Industries
- Phone: (269) 382-2050
- Product page: <https://kalamazooind.com>



Notes & Small Print

- Specifications, weights, and dimensions are subject to change.
- Always follow the official manual and safety instructions.
- All trademarks belong to their respective owners.

