

IRONWOOD S235RRL THREE-HEADED SANDER



Ironwood's engineering team designed the S235RRL three head sander to be a robust blend of innovation, dependability, and quality. It is the most technologically advanced model of the Ironwood sander series; designed for a serious woodworker who demands absolute precision in sanding.

ADVANCED FEATURES

Description	S235RRL
Working width max.	1300 mm (51")
Conveyor Belt Width	1300 mm (51")
Abrasive belt width	1320 mm (52")
Abrasive belt length	2620 mm (103")
Workpiece thickness min.	3 mm (1/8")
Workpiece thickness max.	125 mm (4.92")
Workpiece length min.	450 mm (17.75")
Variable conveyor speed	3 – 15 MPM (10 - 49 FPM)
Feed motor	7.5 HP
Table rise/fall motor	1 HP
Electrical connection	230V/460V 3-Phase 60 Hz
Rated Current	230V: 207A 460V 104A
Dust collection requirements	3,608 CFM
Dust extraction	Three (3) - 7" (178mm) Ports
Compressed air requirements	90 PSI
Air consumption per cycle	4 CFM
Air jet belt cleaning air	24 CFM
Machine gross weight	4,260 kg (9,392 lbs.)

Head # 1 is a steel contact roller

- 250 mm diameter profiled steel
- Thirty (30) horsepower IE3 motor
- Pneumatic head engagement via controller
- Cutting direction against feed

Head #2 is a rubber contact roller

- 250 mm diameter 65 shore profiled rubber
- Twenty-Five (25) horsepower IE3 motor
- Pneumatic head engagement via controller
- Cutting direction against feed

Head #3 is a combination head

- 140 mm diameter 65 shore profiled rubber
- Twenty-Five (25) horsepower IE3 motor
- Air jet belt cleaning w/ sensor
- Pneumatic head engagement via controller
- Cutting direction against feed

Machine Body

- Poly-V belt drive for all sanding heads for smooth and vibration-free sanding head operation
- Rubberized hold down rollers before and after each sanding head with double hold down rollers at infeed and outfeed for consistent hold down
- Fixed conveyor table for constant pass line
- All heads move into position when motor turns on
- Automatic conveyor belt tracking for worry-free conveyor belt operation
- Automatic conveyor return function
- Vacuum ready (components not included)

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