

IRONWOOD S235MRL PLANER SANDER



Ironwood's engineering team designed the S235MRL planer 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.

Description	S235MRL
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: 237A 460V: 119A
Dust collection requirements	3,608 CFM
Dust extraction ports	Three (3) - 7" (178mm)
Compressed air requirements	90 PSI
Air consumption per cycle	4 CFM
Air jet belt cleaning air	24 CFM
Machine gross weight	4,340 kg (9,568 lbs.)

ADVANCED FEATURES

Head # 1 is a helical planer head

- 150mm diameter helical cutter head
- Forty (40) 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
- Thirty (30) 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
- Pull out planer head for easy knife changes
- Fixed conveyor table for constant pass line
- All heads move into position when motor turns on
- Automatic conveyor return function
- Vacuum ready (components not included)

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