

IRONWOOD DSP 2500

DUAL SURFACE PLANER



IRONWOOD's DSP 2500 double-surface planer offers a heavy-duty, dual-sided, planing solution. With hardened-chrome plated and precision-ground tables, the DSP 2500 ensures smooth feeding motion, maximum wear resistance and an unbeatable finish. The robust machine highlights powered table elevation, heavy-duty motors, and an advanced helical cutting system to provide smooth and quiet cutting operations.

ADVANCED FEATURES

- Heavy-duty cast iron body and table provides vibration-free operation
- Overlapped pressure finger conveyor secures workpieces firmly and uniformly to maintain straightness and prevent movement
- Transmission features torque limiter and variable feed speed controls
- Table is equipped with four (4) powered pressure rollers
- Control panel equipped with digital thickness readout, LED display (inch/mm), motor amp meters, on/off lighted controls
- Spiral cutter heads equipped with dual-sided, rotating, carbide inserts
- Hand wheel adjustment for safe, simple and efficient setting of bottom cutter head stock removal
- Automatic lubrication oil-filling system
- Quick and efficient tooling changeover with removable lower tool head and easily accessible top head
- Chromed chip breakers on in- and outfeed for increased wear protection and durability

Technical Specifications	DSP 2500
Max working width	25" (635mm)
Max working thickness	8" (203mm)
Min working thickness	6/ 16" (9.5mm)
Min length of cut	12½" (317mm)
Upper cutter head motor	25 HP
Lower cutter head motor	20 HP
Feed motor	5 HP
Rise/fall motor	½ HP
Variable feed speed	26-78 FPM (8-24 m/min)
Cutter head speed	5,000 RPM
Cutter head Ø	5" (127mm)
Cutter knives per head	96 (192 total)
Max stock removal	½" (14mm) total / ¼" (7mm) per head
Table adjust – lower	Manual via handwheel
Table adjust – upper	Motorized via keypad
Dust extraction	2 ports, 6" each (150mm)
Machine dimensions	105" x 45" x 68" (2667 x 1145 x 1725mm)
Gross machine weight	7000 lbs. (3175 kg)
Amperage	125 @ 230v / 62.5 @ 460v