

# IRONWOOD S114K SINGLE HEAD SANDER



## ADVANCED FEATURES

- Sanding head is a combination head
  - 130 mm diameter steel contact roller
  - Height adjustable sanding pad
  - 20 horse power IE3 motor
  - Cutting speed of 20 m/s (65 fps)
  - Cutting direction against feed
- Poly-V belt drive for sanding head for smooth and vibration-free sanding head operation
- Rubberized hold down rollers before and after sanding head with double hold down rollers at infeed and outfeed for consistent hold down
- Conveyor table mounted on four heavy-duty jack screws for smooth, stable and accurate height adjustment
- Automatic conveyor belt tracking for worry-free conveyor belt operation

Ironwood's engineering team designed the S114K single head wide belt sander to be a robust blend of innovation, dependability, and quality. Designed for a serious woodworker who demands absolute precision in sanding, this machine will save labor and will offer versatility to perform a variety of sanding tasks.

| Description  | S114K                       |
|--|-----------------------------|
| Working width max.                                     | 1070 mm (42")               |
| Conveyor belt width                                    | 1100 mm (43")               |
| Abrasive belt width                                    | 1100 mm (43")               |
| Abrasive belt length                                   | 1524 mm (60")               |
| Work piece thickness min.                              | 3 mm (1/8")                 |
| Work piece thickness max.                              | 125mm (4.9")                |
| Work piece length min.                                 | 400 mm (15.75")             |
| Variable conveyor speed                                | 4 – 16 MPM (13 - 52 FPM)    |
| Feed motor   | 2 HP                        |
| Table rise/fall motor                                  | 1/2 HP                      |
| Head #1: Combination head – 130mm Steel contact roller | 20 HP 65 fps belt speed     |
| Head #1: Rotation Direction                            | Against the feed            |
| Electrical connection                                  | 230/460V   3 Phase   60 Hz. |
| Amperage 230/460V                                      | 230V: 68A   460V: 32A       |
| Dust collection requirements                           | 800 CFM                     |
| Dust outlet – head #1                                  | 2 @ 100 mm (4")             |
| Compressed air requirements                            | 90 PSI                      |
| Air consumption per cycle                              | 4 CFM                       |
| Machine net weight                                     | 1,360 kg (3,000 lbs.)       |
| Machine gross weight                                   | 1,534 kg (3,380 lbs.)       |
| Shipping dimensions (L x W x H)                        | 69" x 80" x 81"             |



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