THICKNESSERS

Thicknesser

Fimal S 63 A

Thicknesser for solid wood with a planing width of 630 mm, workpiece thickness 3–310 mm, motorised table height adjustment with electronic table positioner and keypad, feed speed 6–20 m/min via frequency inverter and a 5.5 kW motor.

MODEL S 63 A

630 mm	3–310 mm	6–20 m/min	5.5 kW
PLANING WIDTH	WORKPIECE THICKNESS	FEED SPEED	MAIN MOTOR



/ Application & Use

The Fimal S 63 A is a thicknesser for solid wood, with a planing width of 630 mm. It planes workpieces from 3 to 310 mm thick, with a maximum depth of cut of 8 mm per pass and a minimum workpiece length of 250 mm. The 630 x 1030 mm thicknessing table is raised on four lifting screws supported at both ends. Height adjustment is motorised, with an electronic table positioner: the target thickness is entered on the keypad and the table moves to it when START is pressed.

The cutterblock has a diameter of 120 mm and four knives and runs at 4800 rpm, driven by a 5.5 kW motor. The workpiece is fed by three large-diameter rollers, each on an independent linkage and running in ball bearings; the feed speed is continuously variable from 6 to 20 m/min via a frequency inverter, set with a rotary control on the control panel.

/ Key Features

- Planing width 630 mm; table 630 x 1030 mm
- Workpiece thickness 3–310 mm, max. depth of cut 8 mm
- Cutterblock Ø 120 mm, 4 knives, 4800 rpm
- Main motor 5.5 kW
- Feed speed 6–20 m/min via frequency inverter
- Electronic table positioner with keypad

/ Standard Equipment

- Motorised table height adjustment on four lifting screws supported at both ends
- Two adjustable shoe-type side guides
- Electronic table positioner: target thickness entered on the keypad, table moves on START
- Three large-diameter feed rollers on independent linkages, in ball bearings
- Feed speed set with a rotary control on the control panel
- Top cover opening from the front, double chamber, noise-reduction devices at front and rear
- CE electrical system: main switch, front and rear emergency stops, electromagnetic brake, safety microswitch on the top cover
- Ø 150 mm extraction outlet, right or left

/ Machine Details



CONTROL PANEL WITH ELECTRONIC TABLE POSITIONER AND KEYPAD



THICKNESSING TABLE ON FOUR LIFTING SCREWS

/ Technical Data

Specification	S 63 A
Model	**S 63 A**
Planer type	**Thicknesser**
Maximum planing width	**630 mm**
Thicknessing capacity, min.–max. workpiece thickness	**3–310 mm**
Maximum depth of cut, thicknessing	**8 mm**
Thicknessing table: height adjustment and readout	**630 x 1030 mm (width x length); motorised height adjustment on four lifting screws supported at both ends; two adjustable shoe-type side guides; electronic table positioning with keypad entry of the target thickness**
Feed speed	**6–20 m/min, continuously variable via frequency inverter**
Feed rollers	**three large-diameter feed rollers, each on an independent linkage and running in ball bearings; minimum workpiece length 250 mm**
Cutterblock: diameter / knife number and type	**Ø 120 mm; 4 knives**
Cutterblock speed	**4800 rpm**
Main motor power	**5.5 kW; optional: 10 hp, 12.5 hp or 15 hp**
Motor brake	**electromagnetic brake**
Dust extraction connections	**Ø 150 mm; 1650 m³/h at 26 m/s; outlet on the right or left**
Noise emission	**76.7–83.1 dB(A) (LAeq, ISO 7960)**
Dust emission — declared value	**0.64 mg/m³ (DIN 33893)**
Overall dimensions (L × W × H)	**1130 x 1030 x 1200 mm**
Machine weight	**750 kg, net**

/ Options on Request

- Higher-power motor (10 / 12.5 / 15 HP)
- Monobloc cutterblock with reversible knives or helical cutterblock
- Sectional toothed feed roller
- 1 or 2 rubber-coated feed rollers
- 1 or 2 adjustable table rollers
- Pneumatic adjustment of feed roller pressure
- Outfeed table extension 630 x 650 mm

Data refer to the standard S 63 A configuration. The supplied configuration and included options are defined in the quotation. Technical data may be updated without prior notice. Images are illustrative.

SUPPLIER

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