SURFACE PLANERS

Surface Planer

Fimal PF 535 A

Surface planer for solid wood: 530 mm planing width, 3500 mm cast iron tables with 2300 mm infeed table, motorised infeed table adjustment with electronic readout, 4 kW motor.

MODEL PF 535 A

530 mm	3500 mm	5000 rpm	4 kW
PLANING WIDTH	CAST IRON TABLES	CUTTERBLOCK SPEED	MAIN MOTOR



/ Application & Use

The Fimal PF 535 A is a surface planer for solid wood, with a planing width of 530 mm and cast iron tables with a total length of 3500 mm; the infeed table is 2300 mm long.

The tables are adjusted by a parallelogram linkage, so the table lip stays at the same distance from the cutterblock and the tables stay parallel to it. The infeed table adjustment is motorised, with an electronic readout. Workpieces are fed manually. The surfacing fence is an anodised aluminium extrusion, tilting from 0° to 45° with a graduated scale and reference stops at 0° and 45°; it moves on a recirculating ball bushing and two wheels and locks quickly.

/ Key Features

- Planing width 530 mm; cast iron tables 3500 x 530 mm
- Infeed table 2300 mm, motorised adjustment with electronic readout
- Cutterblock Ø 120 mm, 4 knives, 5000 rpm
- Main motor 4 kW
- Fence 0–45°, scale and stops at 0° and 45°
- Manual workpiece feed

/ Standard Equipment (CE version)

- Table adjustment by parallelogram linkage; the table lip stays at the same distance from the cutterblock
- Motorised infeed table adjustment with electronic readout
- Anodised aluminium fence, tilting 0–45°, scale and reference stops at 0° and 45°; moves on a recirculating ball bushing and two wheels, with quick locking
- Magnetic gauge for setting the knives
- Bridge-type cutterblock guard
- CE electrical system, electromagnetic brake and dust extraction hood

/ Machine Details



SURFACING FENCE AND BRIDGE-TYPE CUTTERBLOCK GUARD



CONTROL PANEL WITH ELECTRONIC INFEED TABLE READOUT

/ Technical Data

Specification	PF 535 A
Model	**PF 535 A**
Planer type	**Surface planer**
Maximum planing width	**530 mm**
Surfacing tables: total length × width	**3500 x 530 mm; infeed table 2300 mm; cast iron**
Surfacing table adjustment	**parallelogram linkage, the table lip stays at the same distance from the cutterblock; infeed table adjusted by motor, electronic readout**
Surfacing fence: tilt / dimensions	**0–45°; anodised aluminium; graduated scale and reference stops at 0° and 45°; moves on a recirculating ball bushing and two wheels, with quick locking**
Cutterblock: diameter / knife number and type	**Ø 120 mm; 4 knives; magnetic knife-setting gauge**
Cutterblock speed	**5000 rpm**
Main motor power	**4 kW; optional: 5.5 kW or 7.5 kW**
Motor brake	**electromagnetic brake (CE version)**
Dust extraction connections	**dust extraction hood (CE version)**
Noise emission	**82.8–88.8 dB(A) (LAeq, EN 27960)**
Dust emission — declared value	**1.62 mg/m³ (DIN 33893)**
Overall dimensions (L × W × H)	**3500 x 900 x 1180 mm**
Machine weight	**720 kg, net**

/ Options on Request

- Automatic infeed table positioning
- Pneumatic fence locking
- Auxiliary fence for narrow, low-profile workpieces
- Monobloc cutterblock with disposable reversible knives
- Higher-power motor: 5.5 / 7.5 kW
- SUVA-type cutterblock guard
- Motor overload protection
- Wescott chuck
- Mortising unit (50 kg): table 540 x 260 mm, strokes 180 / 210 / 230 mm (cross / longitudinal / vertical)

Data refer to the standard PF 535 A configuration, CE version. The supplied configuration and included options are defined in the quotation. Technical data may be updated without prior notice. Images are illustrative.

SUPPLIER

PROMACH LTD, Str. Kolednitsa 2, et. 1, 7002 Ruse, Bulgaria — VAT No. BG 208556296

CONTACT

www.promach-machinery.com | contact@promach-machinery.com | BG +359 87 6832151 | RO +40 755 023 024