



PF - 3.0 E

Planer Milling Machine 3-Meter Table — PF-3.0E

PLANERS AND MILLING MACHINES

 **MADE IN BRAZIL**



Heavy-duty milling planer handles workpieces up to 3000x1000x1000mm with 12 automatic feeds, ISO 40/50 spindle, and 2500kg table capacity for precision mac



Technical Specifications

TABLE

Normal machining capacity (Length x Width x Height)	118.11 x 39.37 x 39.37 in
Table dimensions - normal (length x width)	118.11 x 28.74 in
Useful longitudinal stroke	118.11 in
Table - 12 feeds via gear rack - in/min	1st assembly: 2.36 - 3.15 - 4.72 - 6.30 - 17.72 - 35.43 in per minute 2nd assembly: 5.51 - 6.30 - 11.02 - 14.96 - 41.34 - 82.68 in per minute
Motor for table feed	1.6 / 2.5 hp
Estimated capacity of distributed weight on table	5512.5 lbs

BASE/BEDWAY

Approximate length	165.35 in
Automatic lubrication pump for prisms	Standard

PASSAGE BETWEEN COLUMNS

Standard (width x height)	39.37 x 39.37 in
Optional (width x height)	55.12 x 39.37 in
Optional (width x height)	62.99 x 39.37 in
Optional (width x height)	86.61 x 39.37 in

MILLING HEAD R-12

Hardened gears - ground teeth - 12 rotations: Motor - dual rotation	(A) 85 - 120 - 185 - 255 - 350 - 550 rpm (6.7 hp)
Maximum lateral inclination - left / right	45° / 45°
Standard spindle cone	ISO 40 or ISO 50
Maximum spindle stroke - manual	2.36 in
Internal lubrication pump	Automatic

CROSSBEAM

Standard transverse feed speed	Manual
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ELECTRICAL VOLTAGE

Standard installed electrical voltage	220 volts - 60hz - 3 phases
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DIMENSIONS - WEIGHT

Approximate net weight	12350.0 lbs
Machine dimensions in operation (Length x Width x Height)	21.65 x 9.19 x 8.53 ft
Machine dimensions for transport (Length x Width x Height)	13.78 x 7.87 x 8.53 ft

OBSERVATION

Number of support feet	4
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SIDE MILLING HEAD - R-2

Belt drive - 2 rotations / motor	300 - 500 rpm (3.0 hp)
Spindle cone	ISO 40
Maximum transverse feed	5.91 in
Maximum vertical feed - feed speed - motor	3.94 to 5.91 in per minute - 1.0 hp motor

ANGULAR SUB-HEAD FOR 90 DEGREE MILLING

- Adaptable to R-12 or R-4 milling head, ISO 40 cone.
- Rotation under base 90-180-270-360 degrees.

COOLING

- Cooling electric pump - 0.12 hp motor - with 15 liter reservoir, flexible nozzle, piping and protection basin on table, with average height of 11.81 in.

MANUAL LONGITUDINAL TABLE MOVEMENT

- Adapted to table feed gearbox for fine manual approximation.



Technical Specifications (continued)

DIGITAL READOUT SCALES

- Measurement via digital readout scales on x - y - z axes

MACHINING TOOLS

- Measurement via digital readout scales on x - y - z axes.
- Collet set and chuck.

ELECTRICAL CONTROL PANEL

- With motor protection via thermal relays, with contactors and adjustable limit switches on table, columns and crossbeam.

VARIABLE FEEDS - X - Y - Z AXES

- Variable speed drives for variable feeds on X (longitudinal), Y (transverse) and Z (vertical) axes.

OTHERS

- Prismatic guide protection.
- Technical Specifications Subject to Changes

Specifications subject to change without notice. Some capacities listed may require optional accessories. Confirm exact dimensions during quotation.