



MACHINE INDUSTRY
CHINELATTO

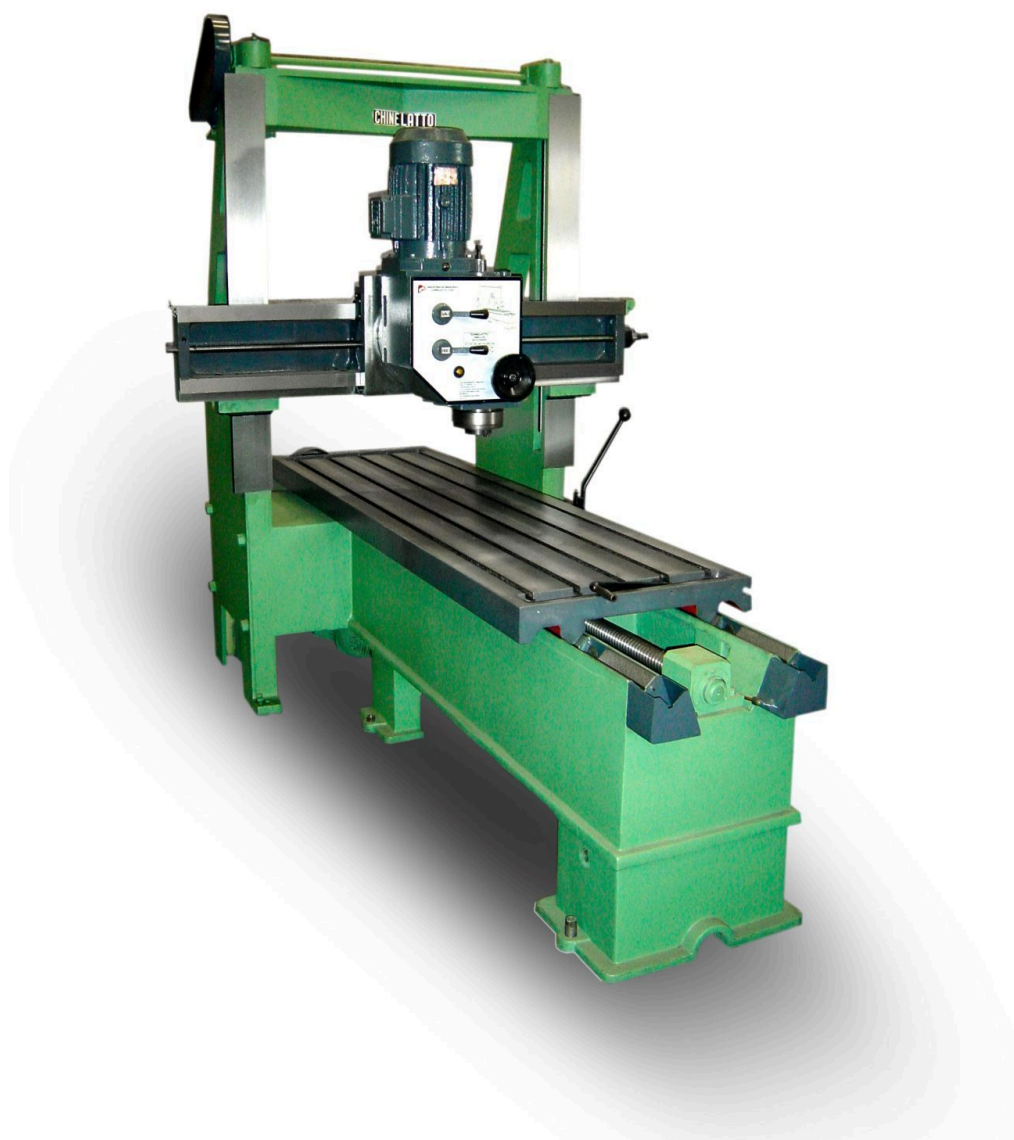
TECHNICAL CATALOG
Since 1962 — Limeira (SP) - Brazil

PF - 2.0 E

Planer Milling Machine 2.2-Meter Table — PF-2.0E

PLANERS AND MILLING MACHINES

 **MADE IN BRAZIL**



Machines workpieces up to 2200X1000X1000MM with 12 automatic feeds and 1500KG capacity. Precision industrial machining solution



Technical Specifications

TABLE

Normal machining capacity (Length x Width x Height)	86.61 x 39.37 x 39.37 in
Table dimension - normal (length x width)	86.61 x 25.59 in
Useful longitudinal stroke	78.74 in
Table - 12 feeds via gear train - mm/min	1st assembly: 60 - 80 - 120 - 160 - 450 - 900 mm per minute 2nd assembly: 140 - 160 - 280 - 380 - 1.050 - 2.100 mm per minute
Motor for table feed	1.6 / 2.5 hp
Estimated capacity of distributed weight on table	3307.5 lbs

BASE/BED

Approximate length	127.95 in
Automatic lubrication pump for prisms	Normal

PASSAGE BETWEEN COLUMNS

Normal (width x height)	39.37 x 39.37 in
Optional (width x height)	55.12 x 39.37 in

MILLING HEAD R-12

Hardened gears - ground teeth - 12 speeds: Motor - dual speed	(A) 85 - 120 - 185 - 255 - 350 - 550 rpm (4.9 hp) (B) 160 - 240 - 370 - 510 - 700 - 1.100 rpm (7.9 hp)
Maximum lateral inclination - left / right	45° / 45°
Spindle cone	ISO 40 or ISO 50
Maximum spindle stroke - manual	2.36 in
Internal lubrication pump	Automatic

CROSSBEAM

Normal transverse feed speed	Manual
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ELECTRICAL VOLTAGE

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

Machine dimensions for transport (Length x Width x Height)	11.15 x 6.56 x 8.53 ft
Approximate Net - Gross Weight	8290.8 lbs
Machine dimensions in operation (Length x Width x Height)	15.75 x 7.22 x 8.53 ft

OBSERVATION

Number of support feet	3
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SIDE MILLING HEAD - R-2

Belt drive - 2 speeds / motor	300 - 500 rpm (3.0 hp)
Spindle cone	ISO 40
Maximum transverse feed	5.91 in
Maximum vertical feed - feed speed - motor	100 to 150 mm per minute - motor 1.0 hp

ANGULAR SUB-HEAD FOR 90 DEGREE MILLING

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

COOLING

- Cooling electro-pump - 0.1 hp motor - with 15 liter reservoir, flexible nozzle, piping and protection basin on table, with average height of 11.81 in.

LONGITUDINAL MOVEMENT OF TABLE - MANUAL

- Adapted to table feed gearbox for fine manual approach.

DIGITAL READOUT SCALES

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



Technical Specifications (continued)

MACHINING TOOLS

- For inserts diameters 80, 100, 125 and 160 mm.
- 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

- Speed variators 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.

