



MACHINE INDUSTRY  
**CHINELATTO**

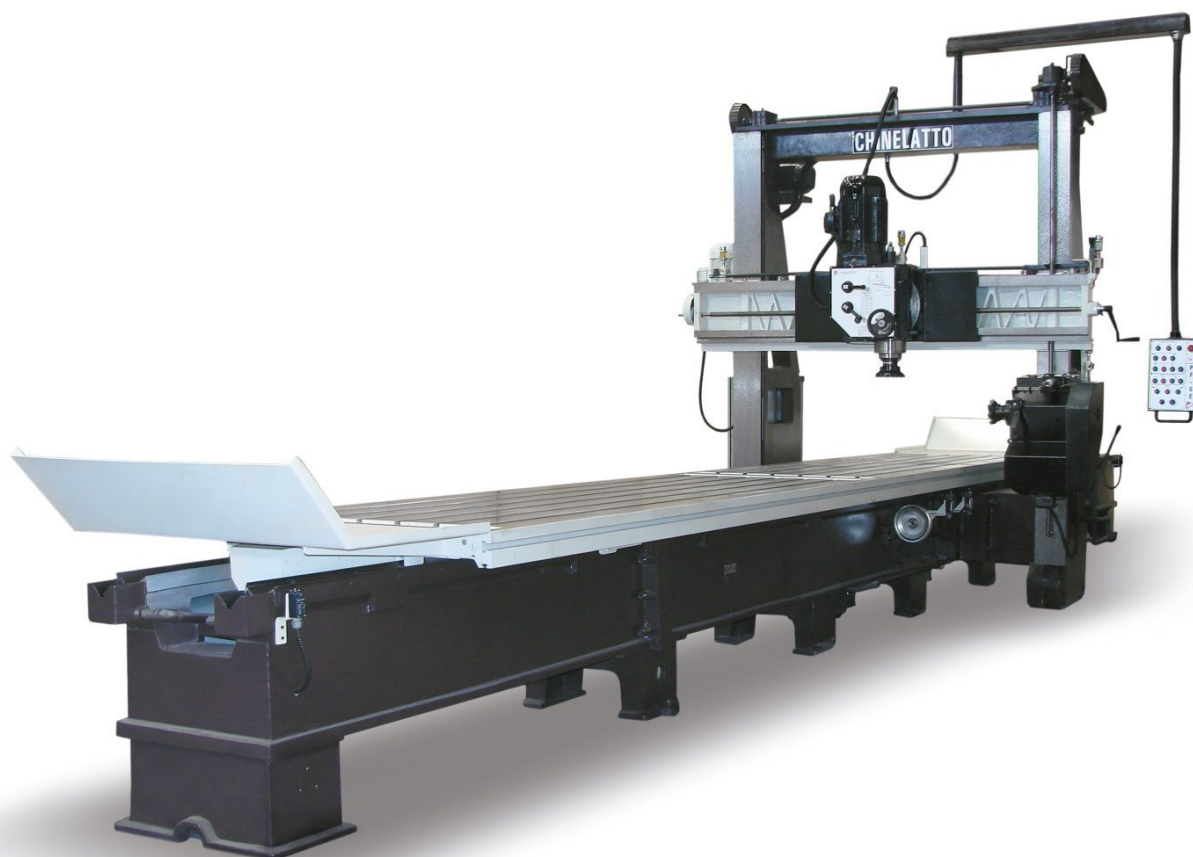
**TECHNICAL CATALOG**  
Since 1962 — Limeira (SP) - Brazil

## PF - 6.0 E

Planer Milling Machine 6-Meter Table — PF-6.0E

PLANERS AND MILLING MACHINES

 **MADE IN BRAZIL**



Machines large parts up to 6000X1000X1000MM with variable table speed 60-2500 mm/min. Heavy-duty construction supports 5500KG load



## Technical Specifications

### TABLE

|                                                          |                                    |
|----------------------------------------------------------|------------------------------------|
| "Normal" machining capacity<br>(Length x Width x Height) | <b>236.22 x 39.37 x 39.37 in</b>   |
| Table dimension - "normal" (length x width)              | <b>236.22 x 28.74 in</b>           |
| Table dimension (optional)                               | <b>236.22 x 39.37 in</b>           |
| Useful longitudinal stroke                               | <b>236.22 in</b>                   |
| Table - variable speed via frequency inverter            | <b>2.36 to 98.43 in per minute</b> |
| Motor for table feed                                     | <b>4.9 hp</b>                      |
| Estimated distributed weight capacity on table           | <b>12127.5 lbs</b>                 |

### BASE/WAYS

|                                       |                                |
|---------------------------------------|--------------------------------|
| Approximate length                    | <b>413.39 in (in 03 parts)</b> |
| Automatic lubrication pump for prisms | <b>Standard</b>                |

### CLEARANCE BETWEEN COLUMNS

|                           |                         |
|---------------------------|-------------------------|
| Standard (width x height) | <b>39.37 x 39.37 in</b> |
| Optional (width x height) | <b>55.12 x 39.37 in</b> |
| Optional (width x height) | <b>62.99 x 39.37 in</b> |
| Optional (width x height) | <b>86.61 x 39.37 in</b> |

### MILLING HEAD R-12

|                                                               |                                                          |
|---------------------------------------------------------------|----------------------------------------------------------|
| Hardened gears - ground teeth - 12 speeds: Motor - dual speed | <b>(A) 85 - 120 - 185 - 255 - 350 - 550 rpm (4.9 hp)</b> |
| Maximum lateral tilt - left / right                           | <b>45° / 45°</b>                                         |
| Spindle taper                                                 | <b>ISO 40 or ISO 50</b>                                  |
| Maximum spindle stroke - manual                               | <b>2.36 in</b>                                           |
| Internal lubrication pump                                     | <b>Automatic</b>                                         |

### CROSS RAIL

- (1) Vertical feed speed - standard / motor 5.91 in per minute min - motor 1.0 hp
- (4) Vertical feed speeds - optional / motor 1.18 - 2.36 - 2.95 - 5.91 in per minute - motor 1.0 / 1.6 hp

### CROSS RAIL (CONT.)

- (2) Transverse feed speeds - standard / motor 8.86 - 16.73 in per minute - motor 1.5 hp

### DIMENSIONS - WEIGHT

|                                                              |                            |
|--------------------------------------------------------------|----------------------------|
| Approximate Net Weight                                       | <b>20947.5 lbs</b>         |
| Machine dimensions in operation<br>(Length x Width x Height) | <b>41.7 x 9.2 x 8.5 ft</b> |

### OBSERVATION

|                        |                            |
|------------------------|----------------------------|
| Number of support feet | <b>8</b>                   |
| Motor protection       | <b>via fuses</b>           |
| Table stroke limiter   | <b>electric via switch</b> |

### SIDE MILLING HEAD - R-2

|                                            |                                                  |
|--------------------------------------------|--------------------------------------------------|
| Belt drive - 2 speeds / motor              | <b>300 - 500 rpm (3.0 hp)</b>                    |
| Spindle taper                              | <b>ISO 40</b>                                    |
| Maximum transverse feed                    | <b>5.91 in</b>                                   |
| Maximum vertical feed - feed speed - motor | <b>3.94 to 5.91 in per minute - motor 1.0 hp</b> |

### ANGULAR SUB-HEAD FOR MILLING AT 90 DEGREES

- Adaptable to milling head R-12 or R-4, ISO 40 taper.
- Base rotation 90-180-270-360 degrees.

### COOLANT

- Electric coolant pump - motor 0.1 hp - with 15 liter reservoir, flexible nozzle, piping and protective basin on table, with average height of 11.81 in.

### LONGITUDINAL TABLE MOVEMENT - 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 3.15, 3.94, 4.92 and 6.30 in.
- Collet set and chuck.

#### ELECTRICAL CONTROL PANEL

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

#### 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 Change

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

