



MACHINE INDUSTRY
CHINELATTO

TECHNICAL CATALOG
Since 1962 — Limeira (SP) - Brazil

FP - 2000 CM X 1.500

CNC Portal Milling Machine FP-2000CM x 1500

CNC GANTRY MILLING MACHINE

 MADE IN BRAZIL



High-precision CNC portal milling for heavy-duty machining with 2000X1500MM work envelope. Fast 10M/min axis speeds for industrial production



Technical Specifications

STROKE

X Axis - longitudinal	78.74 in
Y Axis - transverse	59.06 in
Z Axis - vertical	5.91 to 33.46 in

RAPID FEED SPEEDS

X - Y - Z Axes - maximum	32.81 ft/min
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MILLING HEAD

Variable rotation speeds - 1st range of rotations via gear drive	100 to 500 rpm
2nd range of rotations via timing belt	500 to 3,000 rpm
Spindle shaft	ISO 50 taper
Distance from spindle face to table - min ~ max	5.91 ~ 33.46 in
Motor power	14.8 hp (15.1 hp)

TABLE

Useful dimensions	78.74 x 39.37 in
Estimated capacity of distributed weight on table	8818.0 lbs

SERVO MOTORS - POWER

CNC CONTROL	FAGOR 8037
JOYSTICK TYPE HANDWHEEL	included
APPROXIMATE WEIGHT	17636.0 lbs
SPACE REQUIRED FOR OPERATION	22.97 x 9.84 x 13.12 ft
ELECTRICAL - NORMAL INSTALLED VOLTAGE	380 volts - 60 Hz - 3 phases

STANDARD EQUIPMENT

- Enclosure with 2 doors at the ends of the X axis and 2 doors front and opposite to the operator
- Telescopic protection for X axis linear guides
- Bellows protection for Y axis linear guides

STANDARD EQUIPMENT (CONT.)

- Cooling electric pump 1.100W. Tank capacity 700 liters
- Automatic lubrication pump for linear guide sliders
- Nitrogen accumulator for milling head balance
- Illumination lamp
- Tool change system via draw-bar

OPTIONAL EQUIPMENT

- Angular sub-head, for machining from 0° to 90°, manual positioning
- Angular sub-head for machining at 90°
- Renishaw brand probe with connection cables and interface
- Voltage transformer from 380volts to 220volts
- 4th axis CNC table type Ø15.75 in with servo motor 5.4 ft-lb, universal chuck Ø9.84 in, manual tailstock and locking
- Technical Specifications Subject to Changes

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