



MACHINE INDUSTRY

CHINELATTO

TECHNICAL CATALOG
Since 1962 — Limeira (SP) - Brazil

FP - 6000 CM X 2200

CNC Gantry Milling Machine FP-6000 CM X 2200

CNC GANTRY MILLING MACHINE



MADE IN BRAZIL



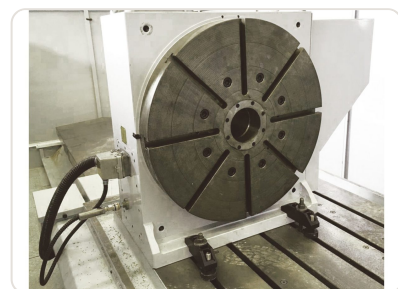
OTHER VIEWS



CNC gantry milling machine FP-6000CM x 2200 mm (86.6 in) - with enclosure



Optional accessory — Sub cylinder head multi angular, with manual positioning



Optional accessory — 4° EIXO com servo motor para giros coordenados

Heavy-duty gantry milling for large parts with GG25 cast iron structure, 157X471N (4000X1200MM) table, 22,046LB (10,000KG) capacity, X236 Y87 Z421N travels, 30/44HP spindle and Fagor 8055 CNC



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FP - 6000 CM X 2200

CNC GANTRY MILLING MACHINE FP-6000 CM X 2200



Technical Specifications

CONSTRUCTION TYPE

- Reinforced structure. Base, table, columns, crossbeam and headstock in normalized GG25 cast iron;
- Reinforced linear guides for displacement on longitudinal, vertical and transverse axes;
- Telescopic guards on the base and bellows-type guards on the crossbeam

TRAVEL

X Axis - Longitudinal	236.22 in
Y Axis - Transverse	86.61 in
Z Axis - Vertical	42.13 in

RAPID TRAVERSE SPEEDS

X - Y - Z Axes - Maximum	39.37 ft/min
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MILLING HEADSTOCK

Variable spindle speeds - 1 range	50 to 6,000 rpm
Spindle axis: taper	ISO 50
Distance from spindle face to table - min. ~ max.	7.09 ~ 42.52 in
Distance from spindle center to column	19.29 in
Spindle Motor	29.5 / 44.3 hp

TABLE

- Useful dimensions: 157.48 x 47.24 in
- Estimated distributed load capacity on the table: 22,050.0 lbs

SERVO MOTORS - POWER

CNC Control	Fagor 8055
Joystick-type handwheel	Included
Approximate weight	50,715.0 lbs
Space required for operation	52.50 x 14.76 x 14.76 ft

SERVO MOTORS - POWER (CONT.)

Electrical - standard installed voltage	380 Volts - 60 Hz - 3 Phase
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STANDARD EQUIPMENT

- Simple chip guard;
- Telescopic guard for X-axis linear guides;
- Bellows-type guard for Y and Z axis linear guides;
- Coolant electro-pump 1,100W. Tank capacity 184.93 gal;
- Automatic lubrication pump installed on the machine;
- Nitrogen accumulator for milling headstock counterbalance.

OPTIONAL EQUIPMENT

- Angular sub-headstock adaptable to the milling headstock for machining from 0° to 90°;
- Angular sub-headstock adaptable to the milling headstock for machining at 90°;
- Full sheet metal enclosure with 2 sliding doors;
- Positioning probe brand 'RENISHAW', with connection cable and interface;
- Voltage transformer from 380 volts to 220 volts;
- FAGOR brand digital readout scales for X-Y-Z axes;
- Machining tools;
- 4th CNC axis rotary table Ø 15.75 in with servo motor 6.56 ft-lb, Ø 9.84 in universal chuck, manual tailstock and clamping.

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