



MACHINE INDUSTRY
CHINELATTO

TECHNICAL CATALOG
Since 1962 — Limeira (SP) - Brazil

PFL - 6200

Planer Milling Machine 6.2-METER Table — PFL-6200

CUTTING AND BENDING TOOLS GUIDE

 **MADE IN BRAZIL**



6.2-METER planing-milling machine with extended spindle and 70°/50° lateral tilting capability for large cutting tool manufacturing



Technical Specifications

VERTICAL MILLING HEAD MODEL R-8V

Special model with modifications	greater inclination and longer spindle
(4) rotations: range 1	16 to 240 rpm
Range 2	47 to 705 rpm
Range 3	65 to 975 rpm
Range 4	189 to 1890 rpm
Frequency inverter for motor rotation variation	WEG brand
Maximum lateral inclination - left / right	70° / 50°
Maximum spindle shaft stroke - manual	2.36 in
Special spindle shaft sleeve - extended	3.94 in
Automatic internal lubrication pump	included
Normal spindle shaft cone	ISO 50
Electric motor 220/380 volts - 60 Hz - 4 poles - with flange	14.8 hp

SINGLE CUTTING PLANER HEAD

Maximum tool inclination left / right	45° / 45°
(5) Automatic transverse feed speeds of planer head	0.007 - 0.014 - 0.021 - 0.028 - 0.035 in per table advance
Tool lifting	on cutting return

TABLE

Table surface dimensions (length x width)	244.09 x 28.74 in (in three parts)
Feed speeds via hydraulic drive (slow for milling)	minimum advance 3.94 in/min with maximum return 78.74 in/min
Feed speeds via hydraulic drive (fast for planing)	advance 16.40 to 32.81 ft/min with maximum return 32.81 to 65.62 ft/min
With prismatic guide lubrication	via automatic pump and via rollers
Estimated distributed weight capacity on table	6615.0 lbs

PASSAGE BETWEEN COLUMNS

Free passage in height	39.37 in
Free passage in width	55.12 in
(1) vertical feed speed of crossbeam in columns	5.91 in/min
ELECTRICAL	Normal electric motors installed:
Hydraulic Central:	
Motor No. 01 - slow advance	4.9 hp
Motor No. 02 - fast advance	19.7 hp
Vertical advance	2.0 hp
Transverse advance	1.5 hp
Cooling tower pump	1.0 hp
Water pump	1.0 hp
Normal installed electrical voltage	220 volts - 60hz - Three-phase
Total installed power	44.9 hp - 45.8 hp
Approximate Net Weight	22050.0 lbs

ACCESSORIES PROVIDED WITH MACHINE

- Cooling tower
- Simple sheet metal protections for base prismatic guides
- Simple sheet metal protections for lower prismatic guides of columns
- Automatic lubrication pump for base prismatic guides
- Oil cups for gravity lubrication of crossbeam and column prismatic guides

EXTRA ACCESSORIES

- Machining tools
- Reading rulers with digital display for X-Y-Z axes Fagor or Heidenhain brand
- Cooling pump with piping and reservoir tank
- Telescopic protections for telescopic guides of rail (base)
- Accordion protections for prismatic guides of columns



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PLANER MILLING MACHINE 6.2-METER TABLE — PFL-6200



Technical Specifications (continued)

EXTRA ACCESSORIES (CONT.)

- Automatic lubrication pump for crossbeam and column prismatic guides

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