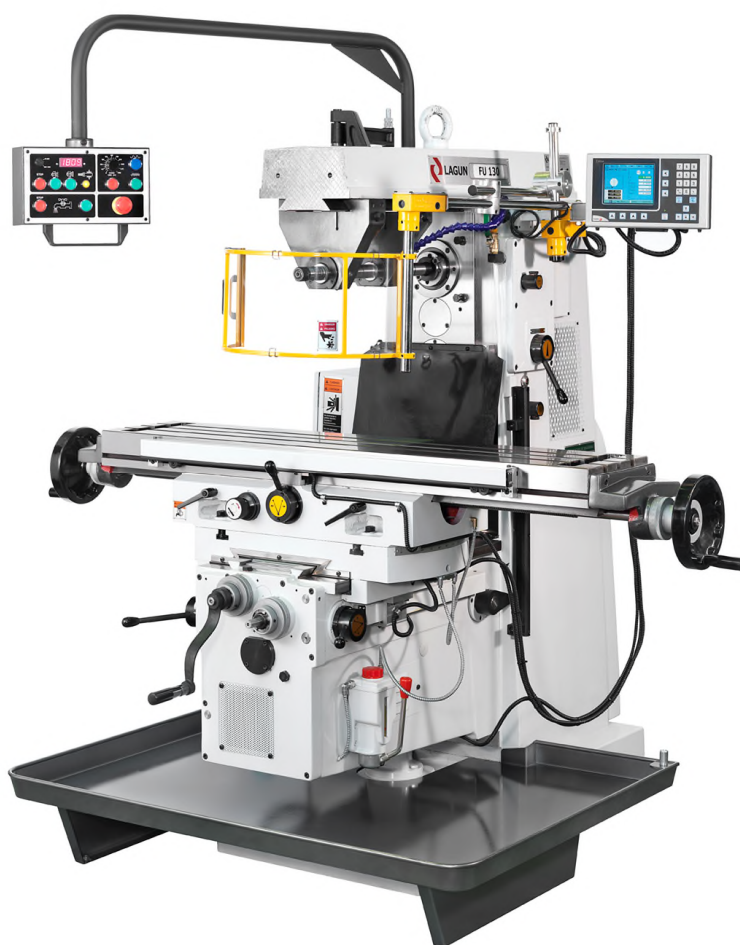


UNIVERSAL MILLING MACHINE

LAGUN



MODEL FU 130

TECHNICAL DESCRIPTION

Table

Table surface	mm	1.372 x 280
Number and width of T slots	mm	3 x 16 x 63
Max. Weight on the table	kg	300
Table turns in both directions		± 45°

Traverse

Longitudinal automatic traverse	mm	850
Cross traverse	mm	345
Vertical traverse	mm	450
Distance from spindle to ram	mm	147

Spindle

Spindle taper		ISO 40 DIN 2080
Diameter of the main shaft	mm	Ø 88,88
Diameter milling arbour	mm	Ø 27
Speed range	rpm	35 ÷ 1.800
Number of speeds		continuous variation

Feedrates

Number of feedrates		continuous variation
Longitudinal and cross	mm/min	0 ÷ 1.300
Vertical	mm/min	0 ÷ 390

Rapid feedrates

Longitudinal and cross	mm/min	2.050
Vertical	mm/min	615

Motors

Main spindle power	kW	4
Working-rapid feedrates	kW	3
Gear pump lubrication	kW	0,2
Coolant pump	kW	0,1

General information

Floor space required (width x depth)	mm	2.820 x 2.171
Machine height	mm	2.000
Net weight	kg	1.800
Maximum coolant tank capacity	l	35
Total power installed	kW	7,8

STANDARD EQUIPMENT

- ISO 40 DIN 2080 Universal Milling Head.
- The casting is quality DIN GG 25, with a hardness of 205 ±15 Brinell.
- The Main spindle is made of Chrome-Nickel steel, hardened and ground interior and exterior.
- Hardened and Ground guideways on the 3 axes.
- Continuous variation spindle speeds:
 - Number of spindle speeds 35 ÷ 1.800 rpm
- Automatic feedrates in the 3 axes.
- Continuous Variation power feed for the 3 axes.
 - The movements can be performed individually or simultaneously.
- Rapid feedrates in the 3 axes.
- Oil pump for gearbox lubrication of the main spindle.
- Safety folded handwheels.
- Backlash eliminator for the longitudinal milling.
- Main motor with security brake in the main spindle.
- Display for the view of the rpm in the main spindle.
- 1 Milling Arbor \varnothing 27 mm complete with fixing drawbar.
- 2 Arbor supports for milling arbor.
- Manual block of the advance of the ram.
- Protection of cross rear and vertical by means of rubber skirt.
- Automatic centralized lubrication system.
- Low voltage machine lamp
- Coolant tank.
- Complete coolant equipment.
- Coolant splash tray.
- Complete electrics with its motors, push-buttons and pendant control panel.
- Overload electrical protection.
- Electronic security device for the movement of the axes.
- Set of spanners and wrenches.
- Security Norm (applicable only to EU).
- Testing report.
- Operator's manual and parts list.

OPTIONAL EQUIPMENT

- ISO 40 Universal Milling Head with quill feed (100 mm manual)
- Digital Readout system.
- Semi-universal Dividing Head.
- Rotary table.
- Slotting attachment (travel 125 mm).
- Mechanical or hydraulic machine vice.
- ISO 40 milling arbors.
- ISO 40 collet holder with set of collets.

LAY-OUT OF THE MACHINE

