

2. SPECIFICATIONS AND TECHNICAL DATA

2-1 Machine specifications

Item	LE-01
Machining capacity Power chuck size (Outer diameter) Collet chuck Round (S type) (D type) Hexagon (S type) (D type) Square (S type) (D type) Work capacity Ro. × Work length	ø165 mm  ø50 mm (Pad type) ø62 mm (Pad type) ø41 mm (Pad type) ø50 mm (Pad type) ø36 mm (Pad type) ø30 mm (Pad type) ø60 mm x 60 mm
Swing Max. swing	ø300 mm
Spindle Spindle nose Spindle nose dia. Inner dia. of spindle Inner dia. of draw pipe Spindle speed range Spindle motor	JIS A2-5 ø133 mm ø36 mm ø22 mm 125 to 5000 rpm (min <sup>-1</sup> ) AC 5/7 HP (3.7/5.5 kW)
Turret Tooling stations Distance across flat I.D. of tool hole Tool shank size Max. indexing clearance Indexing time	8 200 mm ø25 mm □ 20 mm ø520 mm 0.4 sec/pos
Slide Max. slide stroke X-axis Z-axis Rapid traverse rate X-axis Z-axis	165 mm 290 mm  12 m/min 16 m/min
Spindle positioning (Option) Indexing number	1 dividant
Hydraulic unit Tank capacity Pump motor Pump capacity (50 Hz/60 Hz) Maximum setting pressure	30 liter 0.75 kW 11.3/13.5 lit/min 35 kg/cm <sup>2</sup>

LE-01 OUTLINE OF-B

Item	LE-01
Coolant Tank capacity Pump motor Pump capacity (50 Hz/60 Hz)	90 liter 0.25 kW 110/160 lit/min
High pressure coolant (Option) Tank capacity Pump motor Pump capacity (50 Hz/60 Hz) Coolant pressure	90 liter 0.4 kW 9/10.8 lit/min 10 kgf/cm <sup>2</sup> (0.98 MPa)
Chip conveyer (Option) Type Motor Reduction ratio Transfer speed (50 Hz/60 Hz)	Hinge type 0.1 kW 1/600 0.8/0.95 lit/min
Lubricating Tank capacity Pump motor Pump capacity Maximum setting pressure Intermittent time	2 liter AC 4 W 1 to 3 cc 2 kgf/cm <sup>2</sup> (0.2 MPa) 15 min
NC UNIT	MIYANO FANUC OT-B
Power supply Voltage Cycle Power capacity Spindle motor 3.7/5.5 kW 5.5/7.5 kW Power source wire size	AC 200/220 V 50/60 Hz  16 kVA 20 kVA 14 mm <sup>2</sup>
Machine dimension Height Floor space (width x length) Weight	1300 mm 1700 mm x 1400 mm 2300 kg

LE-01 OUTLINE OT-B