

Precision Machines



Drilling & Tapping

STANDARD SERIES



GEAR TRANSMISSION AUTOFEED DRILLING MACHINES

Model	LG - 250	LG - 120
Maximum Drilling Capacity	Ø 25mm	Ø 16 mm
Spindle Taper	MT3	MT2
Spindle Travel	140mm	100mm
Spindle Speed	250-2500	470-1750
Number Of Speeds	6	4
Throat	230mm	180mm
Column Diameter	Ø 102mm	Ø 80mm
Table Diameter	Ø 420mm	Ø 320mm
Base Area	380 * 600mm	300 * 500mm
Distance From Spindle To Table	630mm	400mm
Distance From Spindle To Base	930mm	600mm
Motor HP	2HP	1HP
Overall Height	1600mm	1050mm
Weight	220kg	100kg

Features

- The automatic feed drilling operation is driven by hollow clutch gear.
- The graduated collar for depth control is satin finish plated for attractive appearance.
- Automatic feed drilling performance, Inbuilt safety clutch arrangement. Four feeds (0.05, 0.1, 0.15, and 0.2).

Standard Accessories

- Drill drift.
- Instruction manual.
- Vbelts .
- Intermediate table with rack & pinion arrangement for lifting & lowering of work table.
- Induction motor, 3 phase, 50 Hz, 4 pole, continues duty of reputed make is used.
- On / off switch duly wired.

Optional Accessories

- Drill Chuck (keyed).
- Coolant system consisting of: - reservoir tank with chip collection tray & separation baffles, electric coolant motor, on/off switches, flexible piping & fitting, on/off valves etc.
- Flexible lighting arrangement.
- Splash guards or chip collection tray.
- Square work table.

SENSITIVE DRILLING MACHINE

Specification	M-360	IM103N
Operation	Manual	Manual
Max. Drilling Capacity	Ø6mm	Ø3mm
Spindle Taper	ER-16, JT1	BT10
Spindle Travel	60mm	40mm
Motor HP	1/2HP	0.18kw
Max. Spindle Speed	5000.7000.8500	3000-18000
Throat	150mm	240mm
Table Size	-	200mm X 200mm
Distance from Spindle to Table	-	150mm
Column Diameter	80mm	70mm
Base Area	200 X 380mm	350mm X 370mm
Overall Height	730mm	600mm
Weight	48kg	38kg





LEAD-SCREW AUTOMATIC TAPPING MACHINES

Model	T - 650	T-360
Maximum Tapping Capacity	M20	M12
Spindle Taper	MT3	MT2
Spindle Travel	140mm	100 mm
Spindle Speed	85,170,250	500,830,1250
Variable Speed (optional)	275-1110	-
Throat	230mm	180mm
Table Diameter	Ø 420mm	Ø 320mm
Column Diameter	Ø 102mm	Ø 80mm
Base Area	410 * 600mm	330 * 510mm
Distance from Spindle To Table	630mm	400mm
Distance From Spindle To Base	930mm	600mm
Motor HP	2HP	1HP
Overall Height	1700mm	1150mm
Weight	220kg	100kg

Features

- Automatic tapping is driven by lead screw, which provides standard pitch, accurate threading and consistent quality level of tapping.
- Micro switch controls the depth of tapping and reversal of motor, providing maximum operational convenience.
- Specially designed motors with F class insulation with low voltage & high torque ratio are used. Motors of reputed makes are only used.
- Can achieve out put up to 20 components per minute.
- Easy replacement of lead screw, to change pitch, which is fitted externally.

Standard Accessories

- Drill drift.
- Comprehensive electrical control panel with all necessary safety elements.
- Instruction manual.
- V belts.
- Intermediate table with rack & pinion arrangement for lifting & lowering of work table.
- Specially designed motors with F class insulation of reputed make are only used.

Optional Accessories

- Tapping attachment as per requirement.
- Coolant system consisting of: - reservoir tank with chip collection tray & separation baffles, electric coolant motor, on/off switches, flexible piping & fitting, on/off valves etc.
- Flexible lighting arrangement.
- Splash guards or chip collection tray.
- Square work table.



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