

Milling Machine

All Geared Drilling & Milling Machine

Model No: DI-075

Accessories

Standard Accessories

- Horizontal Milling Arbor Dia.22 And 27
- Coolant Pump With Fitting
- Milling Collet Chuck Set - 8 Pcs
- Drill Chuck - 16mm
- Spindle Arbor ISO - 40/B16
- Draw Bar
- Reduction Sleeve
- Up/Down Hand Wheel
- Tool Box

Optional Accessories

- Milling Machine Vice 6" (Swivel base)
- Boring Head
- Rotary Table Horizontal & Vertical (With Indexing Device)
- Angle Plate
- 2 Axis DRO for X & Y Axis
- 3 Axis DRO for X, Y & Z Axis



Technical Specifications

MODEL	DI-121A	DI-121B
Table Size	1200x280mm	1250x320mm
No / Size /Distance of Slot	3 /14mm /70mm	3 /14mm /70mm
Max. Load On Table	200kgs	200kgs
Longitudinal Table Travel (MANual / Auto)	600mm	720mm
Cross Table Travel (Manual)	260mm	320mm
Vertical Table Travel (Manual)	300mm	280mm
Spindle Taper	ISO40	ISO40
No./ Range of Spindle Speed - Vertical	8/90-2000rpm	8/90-2000rpm
No./ Range of Spindle Speed - Horizontal	12/40-1300rpm	12/40-1300rpm
Max.Drilling Diameter	30mm	30mm
Max. End Milling Width	100mm	80mm
Max. Vertical Milling Dia	25mm	25mm
Max. Tapping Dia	M16	M16
Quill Travel (Manual & Auto Both)	120mm	120mm
Swivel Angle of Headstock	±45°	±45°
Vertical Spindle Axis To Column Surface	200-700mm	220-550mm
Vertical Spindle Axis To Table Surface	110-410mm	90-370mm
Horizontal Spindle Axis To Table Surface	0-300mm	0-300mm
Longitudinal Feed	8/24-720mm Auto Feed	8/22-555mm Auto Feed
Cross Feed	Manual	8/22-555mm Auto Feed
Vertical Feed	Manual	1/560mm Auto Feed
Spindle Quill feed	Manual + Auto	Manual + Auto
Motor Power (Vertical + Horizontal Head)	2.2kw(Vertical)2.2kw(Horizontal)	2.2kw(Vertical)2.2kw(Horizontal)
Feed Motor Power (X & Y - Axis)	-	0.75kw
Feed Motor Power (X - Axis)	0.37kw	-
Feed Motor Power (Z - Axis)	-	0.75kw
Coolant Motor	0.04kw	0.04kw
Overall Dimension	1660x1500x2220mm	1660x1500x2220mm
Machine Weight	1300/1400kgs	1660/1700kgs