

All Geared Lathe Machine

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Model No: DI-013



Technical Specifications

MODEL	DI-016A	DI-016B	DI-016C
Main Specification			
Max.Swing over Bed	630mm	800mm	1000mm
Max.Swing over Carriage	350mm	520mm	720mm
Max. Swing in Gap	800mm	1000mm	1230mm
Admit Between Center	1000 / 1500 / 2000 / 3000 / 4000 / 5000mm	1000 / 1500 / 2000 / 3000 / 4000 / 5000mm	1000 / 1500 / 2000 / 3000 / 4000 / 5000mm
Width of Bed	550mm	550mm	550mm
Head Stock			
Spindle Nose			
Spindle Bore	105/130mm	105/130mm	105/130mm
Taper of Spindle Bore	120mm(1:20) / 140mm(1:20)	120mm(1:20) / 140mm(1:20)	120mm(1:20) / 140mm(1:20)
No.Spindle Speed	18 Speeds	18 Speeds	18 Speeds
Range of Spindle Speed	7.5-1000rpm	7.5-1000rpm	7.5-1000rpm
Thread & Feed			
Range of inch Thread	1-14TPI	1-14TPI	1-14TPI
Range of Metric Thread	1-240mmm	1-240mmm	1-240mmm
Range of Module Thread	0.5 - 120MOD	0.5 - 120MOD	0.5 - 120MOD
Range of Di metrical pitch thread	1-28DP	1-28DP	1-28DP
Longitudinal Feed	0.10-24.30mm/rev.	0.10-24.30mm/rev.	0.10-24.30mm/rev.
Cross Feed	0.05-12.15mm/rev.	0.05-12.15mm/rev.	0.05-12.15mm/rev.
Rapid Traverse - Longitudinal	3.8m/min.	3.8m/min.	3.8m/min.
Rapid Traverse - Cross	1m/min.	1m/min.	1m/min.
Max. Travel of Cross Slide	445mm	493mm	493mm
Max. Travel of Top Slide	200mm	200mm	200mm
Tool Shank Size	30x30mm	30x30mm	30x30mm
Tailstock			
Taper of Tailstock Quill	M6	M6	M6
Travel of Tailstock Quill	240mm	240mm	240mm
Diameter of Tailstock Quill	100mm	100mm	100mm
Motor			
Power of main motor	15HP	15HP	15HP
Power of Rapid Traverse motor	1.5HP	1.5HP	1.5HP
Power of coolant motor	0.125HP	0.125HP	0.125HP
Weight & Dimensions			
Net Weight :1000mm	3550kg.	3730kg.	4050kg.
1500mm	3850kg.	4030kg.	4350kg.
2000mm	4150kg.	4330kg.	4560kg.
3000mm	4620kg.	4830kg.	5150kg.
4000mm	5450kg.	6100kg.	6250kg.
5000mm	6250kg.	6450kg.	6750kg.
Dimensions(L x W x H) :1000mm	3390x1100x1920mm	3390x1300x1920mm	3390x1400x1920mm
1500mm	3900x1100x1920mm	3900x1300x1920mm	3900x1400x1920mm
2000mm	4400x1100x1920mm	4400x1300x1920mm	4400x1400x1920mm
3000mm	5400x1100x1920mm	5400x1300x1920mm	5400x1400x1920mm
4000mm	6400x1100x1920mm	6400x1300x1920mm	6400x1400x1920mm
5000mm	7400x1100x1920mm	7400x1300x1920mm	7400x1400x1920mm

Accessories

Standard Accessories :

- 3 jaw Chuck
- Steady & Follow Rest
- Fixed Center(spindle)
- Center Sleeve
- Dead center 2 No.
- Full Length splash guard
- Coolant system & Tank
- Machine Lamp
- Chuck Guard
- Carriage Guard
- Instruction Manual
- Tool Kit

Optional Accessories :

- 4 jaw Chuck
- Face Plate
- Drive Plate
- Quick change Tool Post
- Taper Turning Attachment
- Anti vibration pads
- Digital Readout
- Thread chasing dial
- Revolving center