

All Geared Lathe Machine Extra Heavy Duty Lathe

Model No: DI-020

Accessories

Standard Accessories :

- 4 - Jaw Chuck
- Steady Rest
- Follow Rest
- Revolving center
- Coolant System
- Machine Lamp
- Instruction Manual
- Tool kit

Optional Accessories :

- Chuck Guard
- Splash guard
- Tapper Turning
- Attachment
- Digital Readout
- Thread chasing dial



Technical Specifications

MODEL	DI-023A	DI-023B	DI-023C	DI-023D
Main Specification				
Max. Swing Over Bed	1000mm	1250mm	1400mm	1600mm
Max. Swing Over Carriage	630mm	880mm	1030mm	1230mm
Max Swing in Gap	1400mm	1650mm	1800mm	2000mm
Admit Between Center	1500/2000/3000/4000/5000/6000/8000mm			
Width of Bed	755mm	755mm	755mm	755mm
Head Stock				
Spindle nose	A-15	A-15	A-15	A-15
Spindle bore	130mm	130mm	130mm	130mm
Taper of Spindle bore	140mm (1:20)	140mm (1:20)	140mm (1:20)	140mm (1:20)
No. of Spindle Speed	21 speeds	21 speeds	21 speeds	21 speeds
Range of Spindle Speeds	3.15 -315 rpm	3.15 -315 rpm	3.15 -315 rpm	3.15 -315 rpm
Thread & Feed				
Range of inch thread				
Range of metric thread	1-120mm	1-120mm	1-120mm	1-120mm
Range of module Thread	0.5-60 MOD	0.5-60 MOD	0.5-60 MOD	0.5-60 MOD
Range of Di metrical pitch thread	1/2-56 DP	1/2-56 DP	1/2-56 DP	1/2-56 DP
Longitudinal feed	0.1-12 mm/rev	0.1-12 mm/rev	0.1-12mm/rev	0.1-12m m/rev
Cross feed	0.05-6mm/rev	0.05-6mm/rev	0.05-6mm/rev	0.05-6mm/rev
Rapid Traverse - Longitudinal	3.8m/min.	3.8m/min.	3.8m/min.	3.8m/min.
Rapid Traverse - Cross	1.5m/min.	1.5m/min.	1.5m/min.	1.5m/min.
Rapid Traverse - Tool Slide	0.9m/min.	0.9m/min.	0.9m/min.	0.9m/min.
Max. Travel of Cross Slide	580mm	670mm	725mm	825mm
Max. Travel of Top Slide	300mm	300mm	300mm	300mm
Tool Shank Size	45x45mm	45x45mm	45x45mm	45x45mm
Tailstock				
Taper of tailstock quill	80mm / 1:20	80mm / 1:20	80mm / 1:20	80mm / 1:20
Travel of tailstock quill	300mm	300mm	300mm	300mm
diameter of tailstock quill	160mm	160mm	160mm	160mm
Motor				
Power of Main Motor	30 HP	30 HP	30 HP	30 HP
Power of Rapid Traverse Motor	1.5HP	1.5HP	1.5HP	1.5HP
Power of Coolant Motor	0.125HP	0.125HP	0.125HP	0.125HP
Weight & Dimensions				
Net weight: 1500mm	8500Kg.	9200Kg.	9500Kg.	10000Kg.
2000mm	9000Kg.	9700Kg.	10000Kg.	10500Kg.
3000mm	10000Kg.	10700Kg.	11000Kg.	11500Kg.
4000mm	11000Kg.	11700Kg.	12000Kg.	12500Kg.
5000mm	12000Kg.	12700Kg.	13000Kg.	13500Kg.
6000mm	13000Kg.	13700Kg.	14000Kg.	14500Kg.
8000mm	15000Kg.	15700Kg.	16000Kg.	16500 Kg.
Dimensions (Lx WxH): 1500mm	4450x1855x1780mm	4450x1955x1910mm	4450x2010x1980mm	4450x2110x2080mm
2000mm	4950x1855x1780mm	4950x1955x1910mm	4950x2010x1980mm	4950x2110x2080mm
3000mm	5950x1855x1780mm	5950x1955x1910mm	5950x2010x1980mm	5950x2110x2080mm
4000mm	6950x1855x1780mm	6950x1955x1910mm	6950x2010x1980mm	6950x2110x2080mm
5000mm	7950x1855x1780mm	7950x1955x1910mm	7950x2010x1980mm	7950x2110x2080mm
6000mm	8950x1855x1780mm	8950x1955x1910mm	8950x2010x1980mm	8950x2110x2080mm