

FH-1100/1200

Big bore heavy duty lathe, all-round solution to the machining processing problem.

1. Universal gearbox design for metric, inch, DP, MP, threading and multiple threads without change any gear. Multi threads provided from 54 sets to 70 sets by different models.
2. Spindle, gears and shafts are made of steel alloy with carburized heat treatment and precision ground for longevity. Three points bearing layout of spindle with taper roller bearings, ensure cutting performance. Spindle bore capability has 6"/9"/12"/14"/16".
3. Bed structure reinforced design ribs assure excellent rigidity and superb damping capability. Integrated one piece base suitable for heavy-duty work pieces and extended service longevity.
4. Two steps speed tailstock for operation efficiency. MT#6 quill provide heavy duty cutting and drilling capability.
5. Carriage and slide has use Turcite B for moving smooth and longevity.
6. Apron has set rapid traverse and lubrication system. Rapid traverse can choose longitudinal or cross forward/backward movement and equipped with safety device to ensure the safety of users. Lubrication system can choose auto lubricate or manual lubricate.



FH-1100/1200 Specification

Subject	Item	FH-1100		FH-1200	
Capacity	Swing over bed	1100		1200	
	Swing over cross	800		900	
	Centers distance	2000/3000/4000/5000/6000/7000/8000/9000/10000			
	Swing over gap	1600		1700	
Headstock	Spindle bore	Ø 153(6")	Ø 230(9")	Ø 310(12")	Ø 360(14")
	Spindle nose	A2-11	A2-15	A2-20	
	Range of spindle speed	6~600 r.p.m.		4~400 r.p.m.	
	Steps of spindle speed	12 Steps			
Feed & threads	Taper of center	M.T. NO.6			
	Leadscrew	Ø 55mm / 2 T.P.I			
	Longitudinal feeds	0.06~8mm/rev			
	Cross feeds	0.03~4 mm/rev			
Carriage	Inch threads(D.P.)	1/4~30 T.P.I (70Kinds) / D.P. 1~120 (70Kinds)			
	Metric threads(M.P.)	1~120mm (62Kinds) / M.P. 25~30 (54Kinds)			
	Cross slide travel	600			
Tailstock	Tool post slide travel	380			
	Quill travel	250			
Motor	Quill diameter	125			
	Taper of quill	M.T. NO. 6			
Bed (Integrated one piece base)	Spindle motor	20HP / 30HP / 40HP			
	Width	660 3V			
	Net weight(approx)kg	8000/8600/9200/9800/10400/11000/11600/12200/12800			
Bed (Integrated one piece base)	Packing size(LxWxH)	4600x2000x2200/5600x2000x2200/6600x2000x2200/7600x2000x2200			
	Packing size(LxWxH)	8600x2000x2200/9600x2000x2200/10600x2000x2200/11600x2000x2200			
		12600x2000x2200/13600x2000x2200			

*Specifications are subject to change without notice for further design improvement.

Unit : mm

Standard accessories

Center sleeve & Centers
Tool post wrench
Leveling pads
Tool box & Tools
Rapid traverse
Longitudinal auto stop
Chips tray

Optional accessories

Three jaw chuck
Four jaw independent chuck
Face plate with four jaw
Taper attachment
Live center
Steady rest
Follow rest
Cooling equipment
Hydraulic coping machine
Chuck guard
Tool post guard
Leadscrew guard
Quick change tools
Rear splash guard
Movable rear splash guard
D.R.O.
Milling device
Grinding device
Boring device
Work light
Electric tailstock
Hydraulic tailstock
Tailstock movement device
Boring device