



Heavy-duty facing lathe

D-Turn Face

60" to 100" swing



Features

This machine is suitable for turning and cutting of large work pieces for heavy industries like oil pipe network, aerospace and heavy-duty shaft processing.

Standard configuration

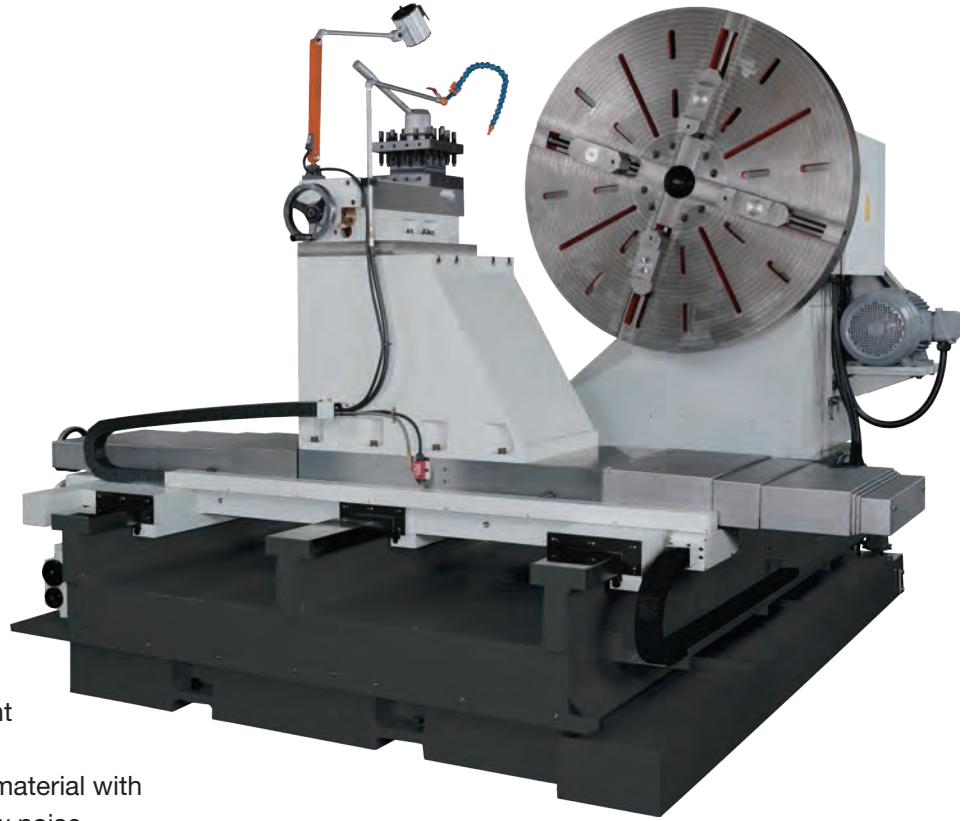
- Lubricating device for headstock
- Spindle motor: 30HP
- Electromagnetic spindle brake
- Metric/Inch gearbox
- Longitudinal & cross rapid feed
- Automatic lubrication
- XZ-axes with Turcite-B
- Faceplate with 4 jaws
- Dead center (2 pcs)
- Center sleeve
- Leveling pads
- Tool kit
- Operation manual

Base

One piece casting with reinforced inner structure. Extra 3rd support processes large work pieces with enhanced heavy-duty cutting ability. Base gap has a special reinforced structure for cutting stability.

Specifications			D-Turn Face 1500	D-Turn Face 2000	D-Turn Face 2500
			60" swing, 40" length	80" swing, 40" length	100" swing, 40" length
CAPACITY	Swing over bed	mm	1500 (59")	2000 (79")	2500 (98")
	Swing over carriage	mm	1100 (43")	1600 (63")	2100 (83")
	Distance between centers	mm		1000 (39")	
BED	Swing over gap	mm	1900 (75")	2400 (94")	2900 (114")
	Bed width	mm		2010 (79")	
	Bed length	mm	1150 (45")	1650 (65")	2150 (85")
	Bed way			3 ways	
HEADSTOCK	Spindle bore diameter	mm		152 [opt. 230] (6" [opt. 9"])	
	Number of spindle speeds			16 steps	
	Speeds	rpm		4-420	
	Chuck mount			A2-11 [opt. A2-15, A2-20]	
	Compound travel	mm		370 (14.5")	
	Max. cutting size	mm		40x40 (1.5x1.5")	

*The above specifications are subject to change without prior notice. No liability for printing mistakes. Machine may be shown with optional equipment.



Spindle

152mm bore, 16-step speed change, gear change mechanism. Fitted with adjustable, electromagnetic brake for easy braking adjustment according to different work piece materials and speed. Gear and shaft are made of super alloy material with FAG bearings for durable cutting and low noise. Sealed oil bath lubrication system with forced oil supply.

Apron feeding device

Swift transmission, positive and negative rotation movement, safety device with sealed oil bath lubrication and cross rapid feeding.

Saddle

Anti-friction surface with regular oil injection lubrication.

Tailstock

Two stage infeed device and smooth swing arm movement for labor saving operation.

Electrical control

20HP motor, 2 stage safety start-up device and overloading safety system.

Castings

FC-30 steel is used for main structures like base, spindle, saddle and tailstock, which are annealed without deformation.

Processing

Base, spindle, saddle, surface of traveling plate, tool base sliding table and tail stock are high frequency treated and precision ground for extended service life.

Optional configuration

- Tailstock
- Face plate with 4-jaw 70"
- Coolant system
- Spindle bore, 230 mm (9")
- Spindle nose: A2-15
- Spindle nose: A2-20

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			60" swing, 40" length	80" swing, 40" length	100" swing, 40" length
THREADS	Lead screw diameter and pitch	mm	Dia: 60, Pitch: 12 / Dia: 1" X 2T.P.I.		
	Threading: Metric	mm	1-120 (62)		
	Threading: Inches	inch	0.25-30 T.P.I (70)		
	Threading: Diametral		1-120 DP (70)		
	Threading: Module		0.25-30 MP (53)		
FEEDS	Feed rod diameter	mm	32 (1.25")		
	Range of longitudinal feeds	mm/rev	0.06-7.04 (0.0024-0.28" in/rev)		
	Range of cross feeds	mm/rev	0.03-3.52 (0.0012-0.14" in/rev)		
MOTOR	Main spindle motor	kW	22.5 (30 Hp)		
Item No.			1630190	1630191	1630192

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