



Pipe Threading Lathes

The Meyer Series Pipe Thread Lathe is specially developed by our company for the processing of API Pipe Thread in the oil field industry. This lathe has a large through hole of the main shaft, a front and rear double chuck tightening structure, which is suitable for the turning processing of various long pipe cylindrical thread, conical thread and special thread. At the same time, it also has all the functions of the general lathe, and can replace the general lathe to process other materials such as shaft, sleeve and disc Parts, such as turning inner and outer cylindrical surface, conical surface, arc surface, end face, groove, chamfering, thread turning, etc.

The machine is robust, has a simplified control panel, heavy-duty structure and stable performance. It is widely used in oil industry, natural gas industry, chemical industry, hydropower and geological exploration.



Pipe Turning Lathe

Machine Features

- Heavy duty chuck guard with interlock switch
- Large Spindle Bore capacity
- Halogen lamp
- Steady rest
- Follow rest
- 4 jaw chuck
- Face plate
- Coolant system
- 2 axis DRO

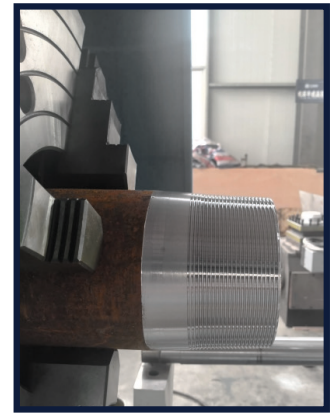
Optional Equipment

- Taper turning attachment

Bed with high rigidity for the sturdy body and widened guide-ways, and with long life and high precision retentiveness for the twice aging, hardening, and grinding.

Headstock strong enough to support the heavy cutting and finish turning for the sturdy structure, quenched and ground gears, large spindle, and precision heavy-duty bearings.

Centralized auto lubrication. Guide-ways with TSF coating reduces friction, and improves the servo performance. The chuck arrangement both at front end and rear end secures the stability and reliability .



TECHNICAL SPECIFICATIONS

		PT1080	PT1580	PT2080	PT3080	PT4080
Capacities						
Swing over Bed	mm	800	800	800	800	800
Tube Outside Diameter	mm	20 - 198	20 - 198	20 - 198	20 - 198	50 - 196
Swing over Gap	mm	900	900	900	900	900
Length of Gap	mm	300	300	300	300	300
Distance between Centres	mm	1000	1500	2000	3000	4000
Feed Rates						
Longitudinal - no. of steps	-	26	26	26	26	32
Longitudinal - range	mm/rev	0.07 - 1.33	0.07 - 1.33	0.07 - 1.33	0.07 - 1.33	0.1 - 1.5
Thread Cutting						
Metric - no. of steps	-	23	23	23	23	23
Metric - range	mm	1 - 15	1 - 15	1 - 15	1 - 15	1 - 15
Imperial - no. of steps	-	26	26	26	26	22
Imperial - range	TPI	1 - 14	1 - 14	1 - 14	1 - 14	2 - 28
Lead Screw Pitch	mm	12	12	12	12	12
Headstock						
Spindle Bore	mm	200	200	200	200	200
Spindle Speeds - no. of steps	-	2	2	2	2	2
Spindle Speeds - range	RPM	20 - 450	20 - 450	20 - 450	20 - 450	20 - 400
Tailstock						
Quill Diameter	mm	100	100	100	100	100
Quill Travel	mm	250	250	250	250	230
Quill Taper	MT	M5	M5	M5	M5	M5
Power						
Motor	kW	11	11	11	11	11
Dimensions						
Length	mm	3600	3900	4400	5400	6,200
Width	mm	1,620	1,620	1,620	1,620	1,550
Height	mm	1,600	1,600	1,600	1,600	1,500
Weight	kg	4,100	4,850	5,150	6,600	8,800

