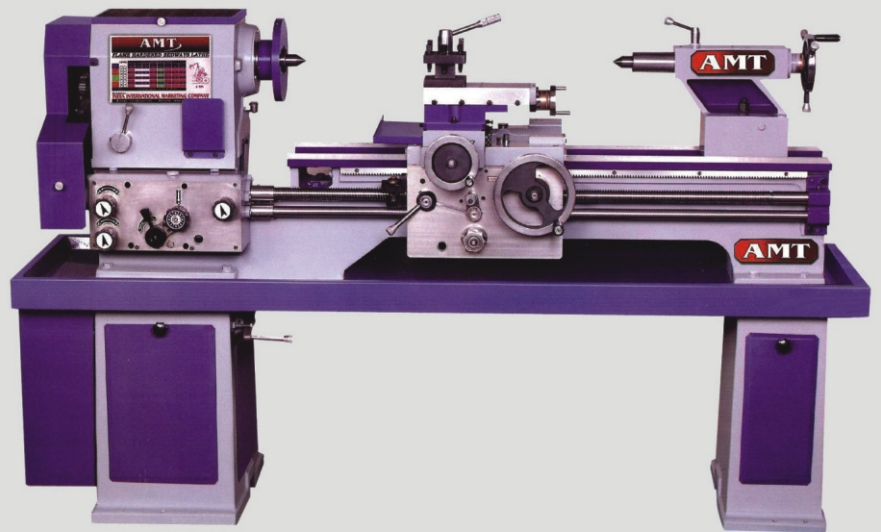




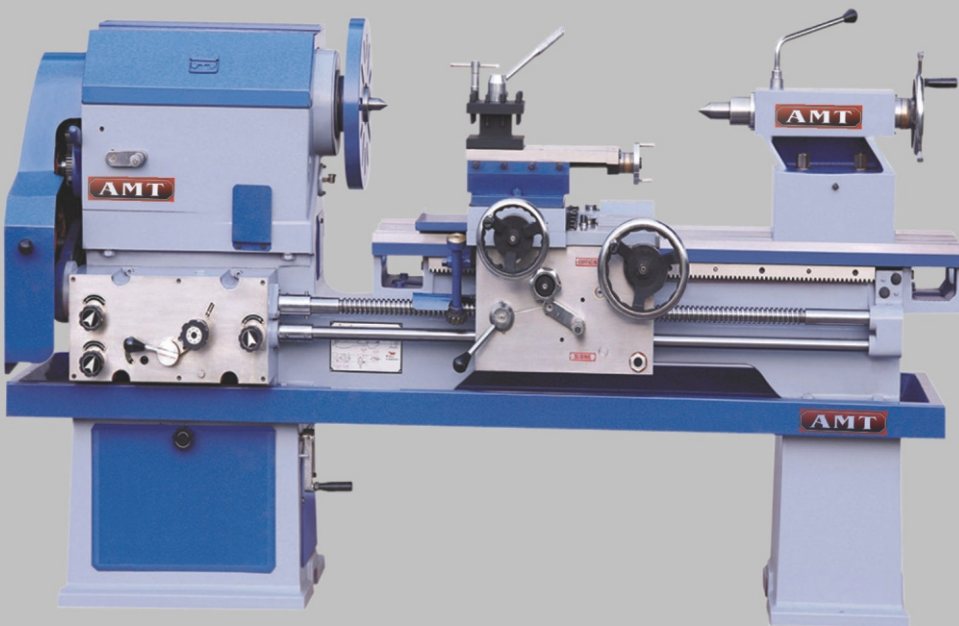
TM

Lathes

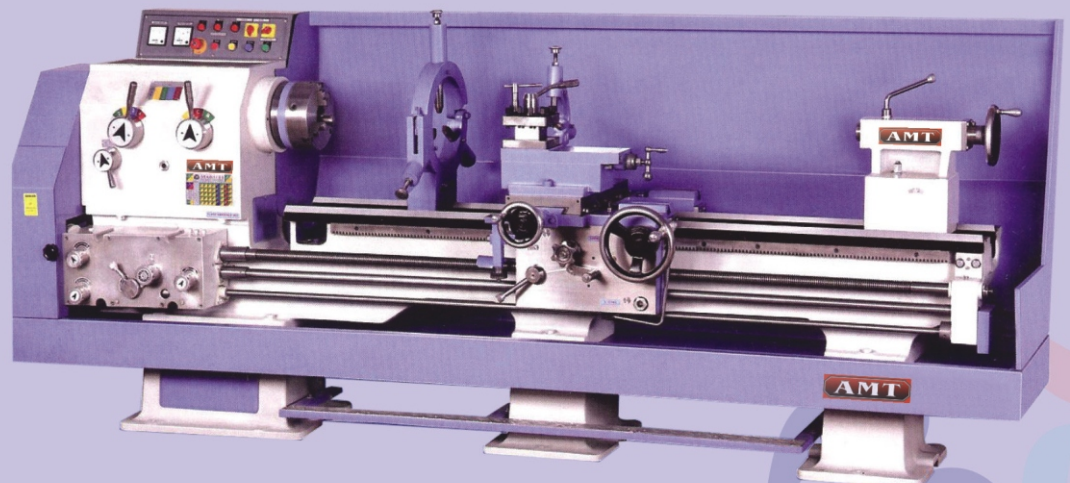
*Medium Duty*



*Heavy Duty*



*All Geared*





## Lathes

### Standard Accessories:

Hardened & ground bed ways, Four position tool post, Change gear set, Chuck plate, Tool post key, Centre adaptor, Motor pulley,

#### Heavy Duty only :

Steady rest, Follow rest, Face plate

### Extra Accessories:

Electric motor

Dog chuck, true chuck

Coolant pump, tank and nozzle

Quick change tool post/ rear tool post

Taper turning attachment

Reverse- forward switch, vee belts

Splash guard

### Salient Features:

- Bed is made from 25 grade cast iron of 180 bhn hardened strictly
- Boring of head stock is done on wmw boring machine fitted with induction hardened and ground spindle made from alloy steel.
- Apron is totally enclosed oil bath system with lever type arrangement for automatic feeds.
- Double screw norton gear box : - provided as time saver equipment with separate thread & feed shaft. Thus, feed & thread gears could be changed rapidly and decreases the wear and tear in half nut and lead screw.
- Hexagonal shaped tail stock with hardened and ground tail stock spindle made from alloy steel having external and internal grinding
- Oil dipped slide box,
- Oil dipped norton gear box with 8 speed spindle head
- All pulley's are balanced on balancing machine
- Double bearing in the front of head stock (total 3- bearings in the head)

### Technical data and specifications for Medium and Heavy Duty Lathe (Geared V-Belt Driven)

Specification	Medium duty (Under- counter)			Heavy duty lathe/extra heavy duty		
Bed length	4-1/2 feet	6 feet	7' to 12'	7' to 12'	9' to 12'	9' to 20'
Bed type	2 v 2 flat	2 v 2 flat	2v 2 flat	2v 2 flat	4v	2v & 2 flat/4v
Bed width	275(11")	275(11")	325 mm	375	375	400/450/500/600
Height of centre	9"	9"	254 mm	305	375	450/500/600/700
Swing over bed	350 mm	350 mm	495 mm	580	730	850/950/1150/1350
Swing over cross slide	200 mm	200 mm	200 mm	400	550	700/800/950/1150
Admit between centre	487 mm	940 mm		1000 mm to 4500mm		
No. Of spindle speed/8	8	8	8	8	8	8 or 6
Rpm(low/high)	45-750	45/750	25-500 rpm	25-500 rpm	25-500 rpm	25-500 rpm
Motor power	2hp	2hp	3hp	3/5hp	5hp/7.5hp	7.5hp/10hp
Wight(approx)	700kg	800kg	1300-1800kg	1500 - 2200kg	1500-3000kg	2500-6000kg

### Technical data and spencifications for all geared model

Specifications	All Geared lathe					
Model						
Length of bed	7'	9'	10'	12'	14'	16
Admit between centres	1000 mm	1600 mm	1900 mm	2500 mm	3100 mm	3710 mm
Centre height over flat bed ways	267 mm			305 mm		
Swing over bed	525 mm			600 mm		
Swing over cross slide	300 mm			375 mm		
Width of bed	13"			15"		
Type of spindle nose	A 2-6			A 2-6		
Taper spindle speeds nos./rpm/range	08(30,85,160,285,400,545,785,1060.rpm)					
Nos. Of threads/ range for full norton gearbox	Metric	17/0.5 mm to 15 mm pitch				
	Inch	40/2 to 60 tpi				
Nos. Of feeds/ range for full norton gearbox	Longitudinal	40/0.0066 to 2mm / rev of spindle				
	Cross	40/0.0165 to 0.5 mm / rev of spindle				
Weight nett/ gross	1500/1900 kg	1650/2150 kg	1900/2450 kg	2050/2650 kg	2350/2950 kg	2700/3400 kg
Electirc motor of 5hp/2.25 k.w. 3 phase,1440 rpm						

### Standard Accessories (For All Geared)

Face plate, carrier plate, steady rest, follow rest, dog/true chuck, taper turning attachment, cookant pump with tank and fittings, rear tool post with extended cross slide, electricals (motor, panel board, wirings, push button switches, v-belts and fittings), electrical switch shaft and chip guard.

### Extra Accessories:

Face plate, carrier plate, steady rest, follow rest, dog/true chuck, taper turning attachment, cookant pump with tank and fittings, rear tool post with extended cross slide, electricals (motor, panel board, wirings, push button switches, v-belts and fittings), electrical switch shaft and chip guard.