

**LATHE MACHINE
MODEL : CM6241 x 1500**

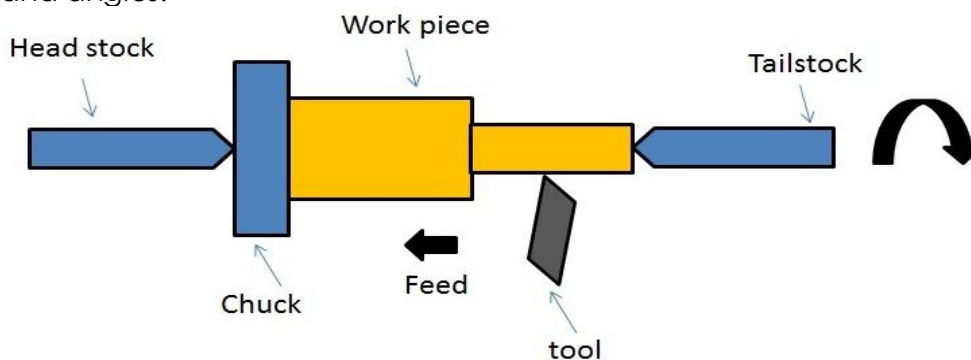


MACHINE DESCRIPTION :

Lathe Machine is a machine tool that is used to remove metals from a workpiece to give a desired shape and size. This Lathe Machines are used in metalworking and parts reclamation. The various other operations that you can perform with the help of Lathe Machine can include sanding, cutting, knurling, drilling, and deformation of tools that are employed in creating objects which have symmetry about the axis of rotation.

WORKING PRINCIPLE :

- Lathe is a machine tool which holds the workpiece between two rigid and strong supports called center or in a chuck or face plate which revolves. The cutting tool is rigidly held and supported in a tool post which is fed against the revolving work. The normal cutting operations are performed with the cutting tool fed either parallel or at right angles to the axis of the work.
- The cutting tool may also be fed at an angle relative to the axis of work for machining tapers and angles.



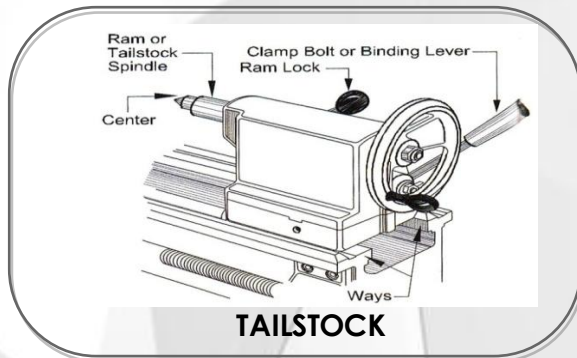
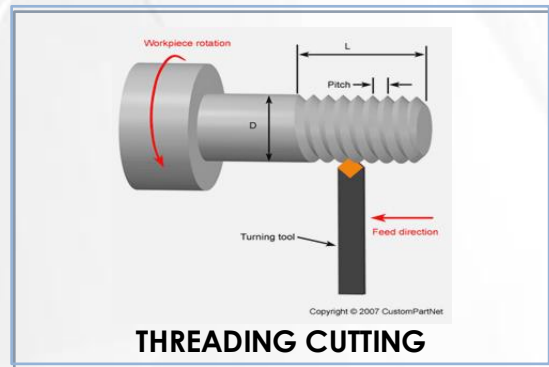
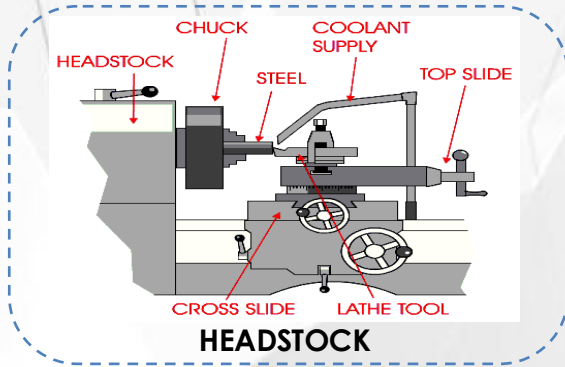


TECHNICAL PARAMETER :

LATHE MACHINE	
Model Number	: CM6241 x 1500
Brand name	: NARVIK
CAPACITY	
Swing over bed	: 410mm (16")
Swing over cross slide	: 255mm (10")
Swing in gap diameter x width	: 580 (22") x 190 (7 ½ ")
Height of center	: 205mm (8")
Distance between centers	: 1500mm
Width of bed	: 250mm (10")
Cutting tool max section	: 20 x 20mm (3/4" x 3/4 ")
Total travel of cross slide	: 210mm (8 1/2 ")
Total travel of top slide	: 140mm (5 1/2 ")
HEADSTOCK	
Spindle bore	: 52mm (2")
Spindle nose:	: D1-6
Spindle morse taper in bore	: M.T. No. 6
Spindle speeds number	: 16
Spindle speeds range	: 45-1800R.P.M
THREAD & FEEDS	
Leadscrew Diameter & Tread	: 28mmx6mm or 4T.P.I
Threads imperial pitches	: 2-72T.P.I (45 Nos.)
Thread metric pitches	: 0.2-14mm (39 Nos.)



Longitudinal feeds imperial	: 0.002"-0.067"/Rev (17 Nos.)
Longitudinal feeds metric	: 0.05-1.7mm/Rev(17Nos.)
Cross feeds imperial	: 0.001"-0.0335"/Rev(17Nos.)
Cross feeds metric	: 0.025-0.85mm/Rev(17Nos.)
Range of module pitches	: 0.3-3.5MP(18Nos.)
Range of diameter pitches	: 8-44DP(21Nos.)
TAILSTOCK	
Total Travel of tailstock Quill	: 120mm (4 ¾ ")
Tailstock quill diameter	: 50mm(2")
Taper in tailstock quill	: M.T. No. 4
MOTORS	
Spindle drive motor	: 3PH 3.3/2.2kw
Coolant pump motor	: 3PH 90W
WEIGHT & MEASURES	
Overall dimension (L x W x H)	: 194cm X 85cm X 132cm
Packing dimensions (L x W x H)	: 206(81") x 90(35 7/16") x 164cm(64 9/16")
Net Weight	: 1350kg
Gross weight	: 1555kg
Brand New	: CHINA



VARIOUS OPERATIONS :

