



LATHE

ISO 9001:2015

CERTIFIED COMPANY

**CONE PULLEY HEAVY DUTY
LATHE MACHINE
MODEL - VH-13**



VINIT MACHINES PVT. LTD.

E-mail : vinit@balajilathe.com ♦ Web : www.balajilathe.com

MODEL - VH-13 CONE PULLEY HEAVY DUTY LATHE MACHINE : TECHNICAL SPECIFICATIONS

BED								
LENGTH OF BED	7' (2100 mm)	9' (2740 mm)	10' (3040 mm)	12' (3650 mm)	14' (4260 mm)	16' (4850 mm)	18' (5450 mm)	20' (6050 mm)
ADMIT BETWEEN CENTRE	1000 mm	1600 mm	1900 mm	2500 mm	3100 mm	3700 mm	4300 mm	4900 mm

TYPE OF BED	Hardened Bed Ways	
HEIGHT OF CENTRE	267 mm (10-1/2")	304 mm (12")
SWING OVER BED	525 mm	600 mm
SWING OVER CROSS SLIDE	320 mm	395 mm
SWING IN GAP	800 mm	875 mm
WIDTH OF BED	325 mm	
LENGTH OF GAP IN FRONT OF FACE PLATE	200 mm	

MAIN SPINDLE	
NO. OF SPINDLE SPEED	8
SPINDLE SPEED RANGE	40 to 340 RPM*
TAPER IN SPINDLE	MT-6
SPINDLE BORE	50 mm / 79 mm / 104 mm
SPINDLE NOSE	Threaded
SPINDLE THREADS	6 TPI

THREADS	
LEAD SCREW DIAMETER / PITCH	38 mm / 4 TPI
NOS. OF THREADS/RANGE (WITHOUT NORTON GEAR BOX)	METRIC : 13 / 1 mm to 6 mm PITCH INCH : 19 / 2 to 24 TPI
NOS. OF THREADS/RANGE (FOR FULL NORTON GEAR BOX)	METRIC : 24 / 0.5 mm to 15 mm PITCH INCH : 44 / 2 to 60 TPI
NO. OF FEEDS	19
RANGE OF LONGITUDINAL FEEDS	0.165 - 1.996 mm
RANGE OF TRANSVERSE FEEDS	0.04 - 0.485 mm

TAIL STOCK	
TAIL STOCK SPINDLE DIAMETER	60.3 mm
TAPER IN TAIL STOCK QUILL	MT - 4

TRAVEL AND TOOLS	
CROSS SLIDE TRAVEL	280 mm
COMPOUND SLIDE TRAVEL	145 mm
TAIL STOCK SLEEVE TRAVEL	170 mm
TOOL POST SQUARE	120 mm
TOOL SHANK SIZE	25 mm
SUITABLE ELECTRICAL HP	3 HP / 5 HP (3 phase)*

STANDARD ACCESSORIES :

- CHUCK BACK PLATE
- CENTRE ADAPTER
- DEAD CENTRES 2 NOS
- TOOL POST SPANNER
- MOTOR PULLEY
- THREAD DIAL INDICATOR
- CHANGE GEAR SET
- CHIP TRAY

OPTIONAL ACCESSORIES :

- INDEPENDENT CHUCK
- SELF CENTRING CHUCK
- CHUCK BACK PLATE EXTRA
- STEADY REST
- FOLLOW REST
- FACE PLATE
- CARRIER PLATE
- TAPER TURNING ATTACHMENT
- COOLANT PUMP WITH TANK AND FITTINGS
- REAR TOOL POST
- ELECTRICALS (MOTOR, WIRING, SWITCH, V- BELTS AND FITTINGS)
- NORTON GEAR BOX (SINGLE OR DOUBLE SHAFT)
- SPLASH GUARD
- FOUNDATION ROUND PLATE WITH LEVELLING BOLTS
- QUICK CHANGE TOOL POST
- KEY WAY ATTACHMENT

NOTE : As improvements are constantly made in our machines, the above illustrations, specifications, dimensions and technical data are subject to modifications and change without prior notice and not binding on us.

VINIT MACHINES PVT. LTD.

Balaji Industrial Zone - A, Ribda Ardoi Road, Off National Highway, Ribda, Rajkot - 360 311. India.
E-mail : vinit@balajilathe.com ♦ Web : www.balajilathe.com ♦ Cell : +91 94273 96228, 72260 41935.