



Excellence in Engineering
Excellence in Engineering
Excellence in Engineering
Excellence in Engineering
Excellence in Engineering



LATHE
ISO 9001:2015
CERTIFIED COMPANY

**CONE PULLEY MEDIUM DUTY
LATHE MACHINE
MODEL - VM 4S-255**



VINIT MACHINES PVT. LTD.

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

MODEL - VM 4S-255 CONE PULLEY MEDIUM DUTY LATHE MACHINE : TECHNICAL SPECIFICATIONS

BED	
LENGTH OF BED	1900 mm (6'-3")
ADMIT BETWEEN CENTRE	1020 mm
TYPE OF BED	Hardened Bed Ways
SWING OVER BED	495 mm
HEIGHT OF CENTRE	255 mm
WIDTH OF BED	277 mm
SWING OVER CROSS SLIDE	310 mm
SWING IN GAP	700 mm
LENGTH OF GAP IN FRONT OF FACE PLATE	150 mm

MAIN SPINDLE	
NO. OF SPINDLE SPEED	6
SPINDLE SPEED RANGE	50 to 465 RPM*
TAPER IN SPINDLE	MT-6
SPINDLE BORE	80 mm
SPINDLE NOSE	Threaded
SPINDLE THREADS	6 TPI

THREADS	
LEAD SCREW DIAMETER / PITCH	31.75 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 - 2 mm
RANGE OF TRANSVERSE FEEDS	0.04 - 0.485 mm

TAIL STOCK	
TAIL STOCK SPINDLE DIAMETER	50.8 mm
TAPER IN TAIL STOCK QUILL	MT - 4

TRAVEL AND TOOLS	
CROSS SLIDE TRAVEL	270 mm
COMPOUND SLIDE TRAVEL	150 mm
TAIL STOCK SLEEVE TRAVEL	140 mm
TOOL POST SQUARE	120 mm
TOOL SHANK SIZE	25 mm
SUITABLE ELECTRICAL HP	2 HP / 3HP (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.