



**LATHE**

**ISO 9001:2015**

CERTIFIED COMPANY

**GEARED HEAD LIGHT DUTY  
LATHE MACHINE  
MODEL - VGL-165**



**VINIT MACHINES PVT. LTD.**

E-mail : [vinit@balajilathe.com](mailto:vinit@balajilathe.com) ♦ Web : [www.balajilathe.com](http://www.balajilathe.com)

## MODEL - VGL-165 GEARED HEAD LIGHT DUTY LATHE MACHINE : TECHNICAL SPECIFICATIONS

BED	
LENGTH OF BED	1370 mm ( 4'-6")
ADMIT BETWEEN CENTRE	660 mm
TYPE OF BED	Hardened Bed Ways
SWING OVER BED	325 mm
HEIGHT OF CENTRE	165 mm
WIDTH OF BED	240 mm
SWING OVER CROSS SLIDE	175 mm
SWING IN GAP	500 mm
LENGTH OF GAP IN FRONT OF FACE PLATE	115 mm

MAIN SPINDLE	
NO. OF SPINDLE SPEED	8
SPINDLE SPEED RANGE	40 to 1200 RPM
TAPER IN SPINDLE	MT-5
SPINDLE BORE	38 mm
SPINDLE NOSE	Threaded / A2 - 4

THREADS	
LEAD SCREW DIAMETER / PITCH	25.4 mm / 4 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	40
RANGE OF LONGITUDINAL FEEDS	0.066 - 2 mm
RANGE OF TRANSVERSE FEEDS	0.0165 - 0.50 mm

TAIL STOCK	
TAIL STOCK SPINDLE DIAMETER	38.1 mm
TAPER IN TAIL STOCK QUILL	MT - 3

TRAVEL AND TOOLS	
CROSS SLIDE TRAVEL	175 mm
COMPOUND SLIDE TRAVEL	125 mm
TAIL STOCK SLEEVE TRAVEL	120 mm
TOOL POST SQUARE	88 x 88 mm
TOOL SHANK SIZE	20 mm
SUITABLE ELECTRICAL HP	1 HP (3 phase)

### STANDARD ACCESSORIES :

- CHUCK BACK PLATE
- CENTREADAPTER
- DEAD CENTRES 2 NOS
- TOOL POST SPANNER
- MOTOR PULLEY
- THREAD DIAL INDICATOR
- CHANGE GEAR SET
- CHIP TRAY
- NORTON GEAR BOX WITH SINGLE SHAFT

### 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)
- 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](mailto:vinit@balajilathe.com) ♦ Web : [www.balajilathe.com](http://www.balajilathe.com) ♦ Cell : +91 94273 96228, 72260 41935.