

PANTHER

ALL GEARED PRECISION LATHE MACHINES



1350 / 1650 SERIES

- ◆ Flame Hardened Bedways
- ◆ Drop Worm Type Feed with Finger Tip Control for Easy Operation to Engage / Disengage Feed Rod
- ◆ Hardened & Profile Ground Head Stock Gears
- ◆ Precisely Ground Alloy Steel Spindle is Mounted on Two Taper Roller Bearing at Front & One Roller Bearing at Rear End

MODEL	1350 / 1	1350 / 2	1650 / 1	1650 / 2
Height for Centres	177 mm	177 mm	215 mm	215 mm
Swing over Bed	335 mm	335 mm	410 mm	410 mm
Swing over Cross Slide	200 mm	200 mm	250 mm	250 mm
Dist. Between Centres	540	1000	1000	1500
Movement of Cross Slide	210 mm	210 mm	250 mm	250 mm
BED				
Bed Type	2 Flat & 2V	2 Flat & 2V	2 Flat & 2V	2 Flat & 2V
Bed Width	230 mm	230 mm	265 mm	265 mm
MAIN SPINDLE				
Type & Size of Spindle Nose	A 2 Size 4	A 2 Size 4	A 2 Size 4	A 2 Size 4
Taper Bore in Center Sleeve	MT - 4	MT - 4	MT - 4	MT - 4
Spindle Bore	42 mm	42 mm	42 mm	42 mm
TAIL STOCK				
Spindle Diameter	45 mm	45 mm	45 mm	45 mm
Taper Bore in Spindle Sleeve	MT - 4	MT - 4	MT - 4	MT - 4
TOOL SLIDE				
Travel of Tool Slide	130	130	135	135
Tool Shank Section	16 x 16	16 x 16	16 x 16	16 x 16
SPEEDS				
No. of Speeds	8 / 16	8 / 16	8 / 16	8 / 16
Range RPM	45 - 938 / 30 - 1250	45 - 938 / 30 - 1250	45 - 938 / 30 - 1250	45 - 938 / 30 - 1250
FEEDS				
No. of Feeds	65	65	65	65
Range				
Longitudinal Feeds per Revolution	0.05 to 0.8 mm / Rev.	0.05 to 0.8 mm / Rev.	0.05 to 0.8 mm / Rev.	0.05 to 0.8 mm / Rev.
Transverse Feeds per Revolution	0.03 to 0.48 mm / Rev.	0.03 to 0.48 mm / Rev.	0.03 to 0.48 mm / Rev.	0.03 to 0.48 mm / Rev.
THREADS NO. RANGE				
Inch	65 / 4 to 60 TPI	65 / 4 to 60 TPI	65 / 4 to 60 TPI	65 / 4 to 60 TPI
Metric	54 / 0.35 to 6 mm	54 / 0.35 to 6 mm	54 / 0.35 to 6 mm	54 / 0.35 to 6 mm
ELECTRICALS				
Main Motor	2 HP	3 HP	3 HP	3 HP
Power Supply	3 Phase	3 Phase	3 Phase	3 Phase
OTHER DATA				
Gross Weight	1000	1100	1400	1550
FLOOR SPACE				
Occupied (L x W)	2350 x 1100	2800 x 1100	2800 x 1150	3350 x 1150
Packing Dimension	1750 x 1000 x 1300	2200 x 1000 x 1300	2200 x 1050 x 1350	2750 x 1050 x 1350

STANDARD ACCESSORIES :

Hardened Guideways, Electric Motor, R/F Switch, V-Belt, Inch/mm Change Gears, 2 Nos. Dead Centre, Centre Bush, Oil Can, Set of Allen Keys and Spanners, Screw Driver and Instruction Manual.

OPTIONAL ACCESSORIES :

D1-4 Camlock Spindle in lieu of A2/4Spindle, 16 Spindle Speeds Ranging from 30 to 1250 RPM / 50 to 2000 RPM with super Precision Bearings, Starting Third Shaft with instantaneous Foot Brake and Control Panel, Electric Coolant Pump with Tank & Fittings, Rear Tool Post with Tool Holder, Taper Turning Attachment, Rear Splash Guard, Face Plate, Steady Rest, Follow Rest, Chuck Flange, Single Dead Stop for Carriage, Micro Meter Carriage Stop, 5 Position Carriage Stop, Machine Lamp with Control Transformer, Quick Change tool Post with 5 Tool Holders, Tool Post Grinder (External/Internal), Key way Milling Attachment, 4 Jaw Dog Chuck, 3 Jaw True Chuck & Revolving Centre, Anti Vibration Pads.

THE MANUFACTURER RESERVE RIGHTS TO MODIFY DESIGN, SPECIFICATIONS, MECHANISM, ETC. TO IMPROVE THE PERFORMANCE OF THIS MACHINE WITHOUT NOTICE.

GUJARAT LATHE MANUFACTURING CO. PVT. LTD.

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