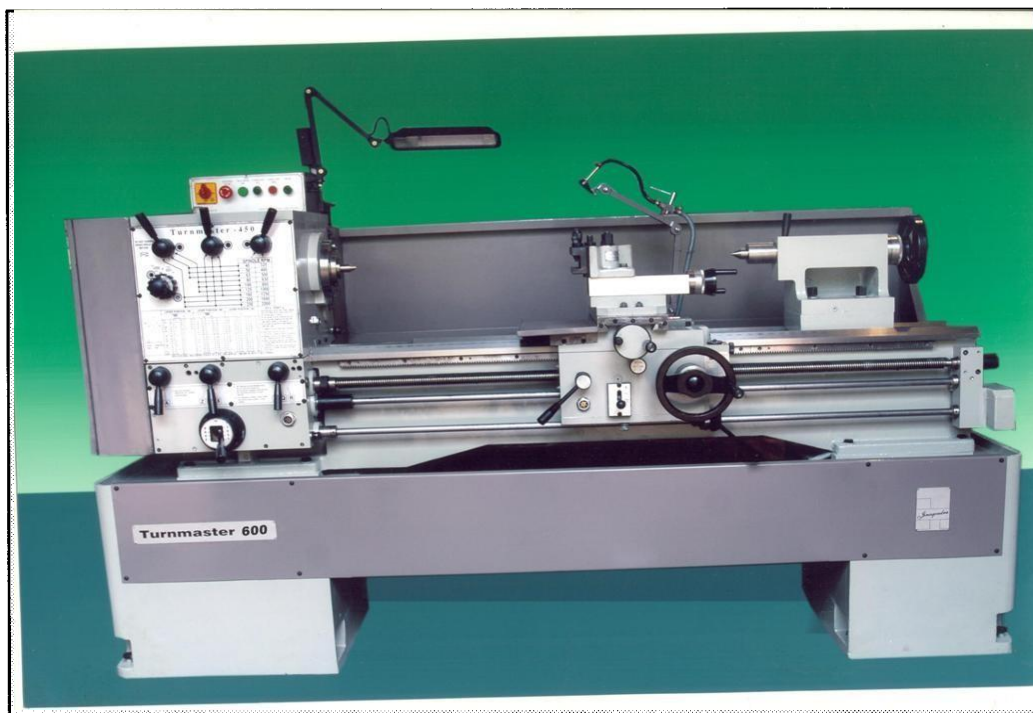
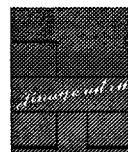


JINAGOUDRA MACHINE TOOLS PVT. LTD.

Mfrs: All Geared Head Precision Lathe & Retrofit NC Machines.
(As per IS 1878/1971 Part-I)



TURNMASTER - 600 SERIES.

Center Height : 300 mm
ABC : 1200, 1600, 2000 mm
Bed Type : Straight & Gap.
Models: S1207, G1207, S1607,
G1607, G2007.

SALIENT FEATURES

- ▶ Hardened & Ground Prismatic guide ways for carriage
- ▶ Geared Head Stock with Hardened and Ground Gears
- ▶ Main Spindle is Rigid, accurate, hardened & ground, mounted on a P5 class Taper Roller bearing
- ▶ Feed box designed for easy selection of wide range of feeds and threads

STANDARD ACCESSORIES :

- ▶ Dead Center with center sleeve, Coolant pump with cock equipment, Maintained contact shaft for spindle operating, Thread dial indicator, Rear Splash Guard, Machine Lamp, Square Tool Post, Tool Kit, Oil Gun, Dog Plate, Electro-magnetic brake with foot pedal.

TECHNICAL SPECIFICATIONS :

| Description | Turnmaster - 600 |
|---------------------------------|------------------|
| Capacity | |
| Height of Center | 300 mm (11.5") |
| Swing Over Bed | 600 mm (23.5") |
| Swing Over Cross Slide | 410 mm (16") |
| Swing in Gap | 780 mm (30") |
| Distance in front of Face | 175 mm (7") |
| Plate in Gap | |
| Diameter of Face Plate in Gap | 690 mm (27") |
| Distance Between Centers | |
| ABC - 1250 | 1250 mm (39") |
| ABC - 1650 | 1650 mm (59") |
| ABC - 2000 | 2000 mm (78") |
| Cross Slide Travel | 300 mm (12") |
| Cross Slide Resolution | 0.02 mm |
| Bed | |
| Bed Type | 2 V 2 Flat |
| Bed Width | 315 mm |
| Bed Length | |
| ABC - 1250 | 2225 mm (7') |
| ABC - 1650 | 2625 mm (8.5') |
| ABC - 2000 | 2975 mm (9.5') |
| Main Spindle | |
| Spindle Nose | A 2 - 6 |
| Spindle Taper Bore | Metric 60 |
| Taper bore in center sleeve | MT - 4 |
| Spindle bore | 55 mm |
| Tail Stock | |
| Quill Diameter | 60 mm |
| Taper bore in Spindle | MT - 4 |
| Quill Travel | 200 (8") |

| Description | Turnmaster - 600 |
|--|------------------|
| Tool Slide | |
| Travel Top Slide | 150 mm (6") |
| Tool Shank Section | 25 X 25 |
| Tool Slide Resolution | 0.02 |
| Lead Screw | |
| Lead Screw Diameter | 30 mm |
| Pitch | 6 mm |
| Speeds | |
| No. of Speeds | 18 |
| Range | 40 - 2000 rpm |
| Feeds | |
| No. of Longitudinal Feeds | 48 |
| Range of Feeds | 0.04 to 2.24 |
| No. of Transfers Feeds | 48 |
| Range of Feeds | 0.012 to 0.7 |
| Ratio of Longitudinal to Longitudinal Feeds | 1 / 3 |
| Threads | |
| No. of Metric Threads | 37 |
| Range | 0.25 to 14 |
| No. of Inch Threads | 48 |
| Range | 112 to 2 TPI |
| No. of Module Threads | 27 |
| Range | 0.125 to 7 |
| No. of D.P Threads | 45 |
| Range | 4 to 224 |
| Max. weight of work piece held between chuck & Tail stock | |
| Dead Center | 315 Kg |
| Live Center | 250 kg |

| Description | Turnmaster - 600 |
|---|---|
| Electrical Details | |
| Main Motor | 5.5 KW / 7.5 H.P |
| Power Supply | 415 V, 3 Phase, 50 cycles, A/C Supply |
| Coolant Tank | 30 ltrs |
| Weight of Machine | |
| ABC - 1250 | 1600 kg |
| ABC - 1650 | 1800 kg |
| ABC - 2000 | 2000 kg |
| Floor Space for Machine | |
| ABC - 1250 | 2520 X 950 (8.5' X 3.5') |
| ABC - 1650 | 2920 X 950 (10' X 3.5') |
| ABC - 2000 | 3290 X 950 (11' X 3.5') |
| Capacity of Steady Rest Bar dia 'D' | |
| Pad Type | Min Dia 20 mm (1") Max Dia 200 mm (8") |
| Roller Type | Min Dia 20 mm (1") Max Dia 175 mm (6") |
| Capacity of Follow Rest Bar dia 'D' | |
| Pad Type | Min Dia 20 mm (1") Max Dia 175 mm (7") |
| Roller Type | Min Dia 20 mm (1") Max Dia 150 mm (6") |
| Capacity of Taper Turning Attachment | |
| Max. Taper Angle on either side | 10deg |
| Stroke | 300 (12") |
| Max. Turning Length | 240 (10") |



HARI KRISHNA COMPLEX, # 4, M.T.H. ROAD, PADI, CHENNAI - 50.
(NEAR STATE BANK OF INDIA, OPP. TO SUNDARAM CLAYTON LTD)

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