



LATHE MACHINE



MANUFACTURER OF :

KHODIYAR
MACHINE TOOLS



LATHE MACHINE

Heavy Duty Lathe



Technical Specification

| S.N | Parts | Specification | NH-1 | NH-2 | NH-3 | NH-4 | NH-5 | NH-6 | NH-7 |
|-----|--------------------|--|---|---|---|---|---|---|---|
| 1 | Bed | Length of Bed Width of Bed Length of Gap Length of Gap in Front of Face Plate | 5 1/2' (1675) 13" (330) 6" (150) 8" (205) | 7' (2135) 13" (330) 6" (150) 8" (205) | 9' (2745) 13" (330) 6" (150) 8" (205) | 10' (3040) 13" (330) 6" (150) 8" (205) | 12' (3655) 13" (330) 6" (150) 8" (205) | 14' (4270) 13" (330) 6" (150) 8" (205) | 16' (4875) 13" (330) 6" (150) 8" (205) |
| 2 | Capacity | Height of Centre Swing over Bed Swing over cross slide Swing in Gap Admit between center Movement of cross slide Movement of comp. slide | 10" (255) 19.5" (495) 12" (305) 31" (790) 21.37" (542) 12" (305) 5" (125) | 10" (255) 19.5" (495) 12" (305) 31" (790) 21.37" (542) 12" (305) 5" (125) | 10" (255) 19.5" (495) 12" (305) 31" (790) 21.37" (542) 12" (305) 5" (125) | 10" (255) 19.5" (495) 12" (305) 31" (790) 21.37" (542) 12" (305) 5" (125) | 10" (255) 19.5" (495) 12" (305) 31" (790) 21.37" (542) 12" (305) 5" (125) | 10" (255) 19.5" (495) 12" (305) 31" (790) 21.37" (542) 12" (305) 5" (125) | 10" (255) 19.5" (495) 12" (305) 31" (790) 21.37" (542) 12" (305) 5" (125) |
| 3 | Main Spindle | Spindle Nose Spindle Bore Tapper Bore | 75mm x 6 TPI 55" MT - 6 | 75mm x 6 TPI 55" MT - 6 | 75mm x 6 TPI 55" MT - 6 | 75mm x 6 TPI 55" MT - 6 | 75mm x 6 TPI 55" MT - 6 | 75mm x 6 TPI 55" MT - 6 | 75mm x 6 TPI 55" MT - 6 |
| 4 | Tail Stock Spindle | Diameter Morse tapper Travel | 2.25 (57) MT - 4 7" (178) | 2.25 (57) MT - 4 7" (178) | 2.25 (57) MT - 4 7" (178) | 2.25 (57) MT - 4 7" (178) | 2.25 (57) MT - 4 7" (178) | 2.25 (57) MT - 4 7" (178) | 2.25 (57) MT - 4 7" (178) |
| 5 | Speed | No. of speed RPM Low & High | 8 28 to 530 | 8 28 to 530 | 8 28 to 530 | 8 28 to 530 | 8 28 to 530 | 8 28 to 530 | 8 28 to 530 |
| 6 | Threads | Metric thread Inch thread Lead screw Dia | 1 to 6 (13) 2 to 24 (19) 38 mm | 1 to 6 (13) 2 to 24 (19) 38 mm | 1 to 6 (13) 2 to 24 (19) 38 mm | 1 to 6 (13) 2 to 24 (19) 38 mm | 1 to 6 (13) 2 to 24 (19) 38 mm | 1 to 6 (13) 2 to 24 (19) 38 mm | 1 to 6 (13) 2 to 24 (19) 38 mm |
| 7 | Electric | Motor Power | 3 H.P III | 3 H.P III | 3 H.P III | 5 H.P III | 5 H.P III | 5 H.P III | 5 H.P III |
| 8 | Drive | Counter to spindle Counter to motor | C -68 B -72 | C -68 B -72 | C -68 B -72 | C -68 B -72 | C -68 B -72 | C -68 B -72 | C -68 B -72 |
| 9 | General | Floor space (L x W x H) | 6.5' x 3.5' x 4.5' | 8' x 3.5' x 4.5' | 10' x 3.5' x 4.5' | 11' x 3.5' x 4.5' | 13' x 3.5' x 4.5' | 15' x 3.5' x 4.5' | 17' x 3.5' x 4.5' |

Standard Accessories :

- o Face Plate
- o Chuck Plate
- o Change Gear Set
- o Spindle Sleeve
- o Dead Center (2 Nos.)
- o Tool Post Key
- o Motor Pulley
- o Steady Rest

Extra Accessories :

- o Follow Rest
- o Water Guard
- o Dog & True Chuck
- o Electric Motor
- o Coolant Pump Tank
- o Norton Gear Box
- o Tapper Turning Attachment
- o Rear Tool-post

Optional :

- o Spindle bar 80 or 105
- o Bush or Tapper Roller Bearing
- o Flat Belt of "V" Belt
- o Center Height 10" or 12"

Speciality :

- o Harden Bed (391 BHN)
- o Tailstock Spindle Harden
- o SKF or Timken Make Bearing*
- o Border Tray
- o Accuracy as per IS Standard

*Available Only in 50mm Bore

Medium Duty Lathe



LATHE MACHINE



Technical Specification

| S.N. | Parts | Specification | NM-1 | NM-2 | NM-3 | NM-4 |
|------|--------------------|--|--|--|--|---|
| 1 | Bed | Length of Bed Width of Bed Length of Gap Length of Gap in Front of Face Plate | 4 1/2' (1675) 11" (280) 4.5" (115) 5" (130) | 5 1/4' (2135) 11" (280) 4.5" (115) 5" (130) | 6' (2745) 11" (280) 4.5" (115) 5" (130) | 7' (3040) 11" (280) 4.5" (115) 5" (130) |
| 2 | Capacity | Height of Centre Swing over Bed Swing over cross slide Swing in Gap Admit between center Movement of cross slide Movement of comp. slide | 10" (254) 19.5" (495) 12" (305) 27" (685) 20" (500) 12.5" (320) 5.5" (140) | 10" (254) 19.5" (495) 12" (305) 27" (685) 32" (805) 12.5" (320) 5.5" (140) | 10" (254) 19.5" (495) 12" (305) 27" (685) 38" (950) 12.5" (320) 5.5" (140) | 10" (254) 19.5" (495) 12" (305) 27" (685) 50" (1255) 12.5" (320) 5.5" (140) |
| 3 | Main Spindle | Spindle Nose Spindle Bore Tapper Bore | 75 x 6 TPI / 95 x 6TPI 50 & 80 MT - 6 | 75 x 6 TPI / 95 x 6TPI 50 & 80 MT - 6 | 75 x 6 TPI / 95 x 6TPI 50 & 80 MT - 6 | 75 x 6 TPI / 95 x 6TPI 50 & 80 MT - 6 |
| 4 | Tail Stock Spindle | Diameter Morse taper Travel | 2" (50.8) MT - 4 5" (130) | 2" (50.8) MT - 4 5" (130) | 2" (50.8) MT - 4 5" (130) | 2" (50.8) MT - 4 5" (130) |
| 5 | Speed | No. of speed RPM Low & High | 6 40 to 470 | 6 40 to 470 | 6 40 to 470 | 6 40 to 470 |
| 6 | Threads | Metric thread Inch thread Lead screw Dia | 1 to 6 (13) 2 to 24 (19) 32 mm | 1 to 6 (13) 2 to 24 (19) 32 mm | 1 to 6 (13) 2 to 24 (19) 32 mm | 1 to 6 (13) 2 to 24 (19) 32 mm |
| 7 | Electric | Motor Power | 2 H.P III | 2 H.P III | 2 H.P III | 2 H.P III |
| 8 | Drive | Counter to spindle Counter to motor | B - 50 B - 57 | B - 50 B - 57 | B - 50 B - 57 | B - 50 B - 57 |
| 9 | General | Floor space (L x W x H) | 56" x 40" x 55" | 68" x 40" x 55" | 74" x 40" x 55" | 86" x 40" x 55" |

Standard Accessories :

- Change Gear Set
- Chuck Plate
- Spindle Sleeve
- Dead Center (2 Nos.)
- Tool Post Key
- Motor Pulley

Extra Accessories :

- Face Plate
- Steady Rest
- Follow Rest
- Water Guard
- Dog & True Chuck
- Electric Motor
- Coolant Pump Tank
- Norton Gear Box
- Tapper Turning Attachment
- Rear Tool-post

Speciality :

- Harden Bed (391 BHN)
- Tailstock Spindle Harden
- SKF or Timken Make Bearing*
- 8" Heavy Cross Slide
- 5" x 5" Tool-Post
- Square Headstock
- Border Tray

*Available Only in 50mm Bore



LATHE MACHINE

Light Duty Lathe



Technical Specification

| S.N. | Parts | Specification | NL-1 | NL-2 | NL-3 |
|------|--------------------|--|---|---|--|
| 1 | Bed | Length of Bed Width of Bed Length of Gap Length of Gap in Front of Face Plate | 4 1/2' (1372) 9 1/2" (240) 4" (120) 4.5" (115) | 5 1/2' (1676) 9 1/2" (240) 4" (120) 4.5" (115) | 6' (1830) 9 1/2" (240) 4" (120) 4.5" (115) |
| 2 | Capacity | Height of Centre Swing over Bed Swing over cross slide Swing in Gap Admit between center Movement of cross slide Movement of comp. slide | 7" (177) 13.5" (343) 7.75" (200) 21" (535) 29" (740) 7" (178) 4.75" (120) | 7" (177) 13.5" (343) 7.75" (200) 21" (535) 37" (960) 7" (178) 4.75" (120) | 7" (177) 13.5" (343) 7.75" (200) 21" (535) 46" (1190) 7" (178) 4.75" (120) |
| 3 | Main Spindle | Spindle Nose Spindle Bore Tapper Bore | 60mm x 8 TPI 1.5 (40) MT - 5 | 60mm x 8 TPI 1.5 (40) MT - 5 | 60mm x 8 TPI 1.5 (40mm) MT - 5 |
| 4 | Tail Stock Spindle | Diameter Morse taper Travel | 1.5 (38.1) MT - 3 4.75 (120) | 1.5 (38.1) MT - 3 4.75 (120) | 1.5 (38.1) MT - 3 4.75 (120) |
| 5 | Speed | No. of speed RPM Low & High | 8 40 to 950 | 8 40 to 950 | 8 40 to 950 |
| 6 | Threads | Metric thread Inch thread Lead screw | 1 to 6 (13) 2 to 24 (19) 1" (25.4) | 1 to 6 (13) 2 to 24 (19) 1" (25.4) | 1 to 6 (13) 2 to 24 (19) 1" (25.4) |
| 7 | Electric | Motor Power | 1 H.P III | 1 H.P III | 1 H.P III |
| 8 | Drive | Counter to spindle Counter to motor | B -42 B -53 | B -42 B -53 | B -42 B -53 |
| 9 | General | Floor space (L x W x H) | 56" x 16" x 52" | 65" x 16" x 52" | 74" x 16" x 52" |

Standard Accessories :

- Change Gear Box
- Chuck Plate
- Spindle Sleeve
- Dead Center (2 Nos.)
- Tool Post Key
- Motor Pulley

Extra Accessories :

- Face Plate
- Steady Rest
- Follow Rest
- Water Guard
- Dog & True Chuck
- Electric Motor
- Coolant Pump Tank
- Norton Gear Box
- Tapper Turning Attachment
- Rear Tool-post

Speciality :

- Harden Bed (391 BHN)
- SKF or Timken Make Bearing*
- Tailstock Spindle Harden
- Apron with Bushing
- 6" Heavy Cross Slide
- 4" x 4" Tool Post
- Square Headstock
- Tray with Tool-Box (with lock & Key)
- Heavy Double & Change Gears

MANUFACTURER OF :

KHODIYAR
MACHINE TOOLS
RAJKOT (Gujarat) INDIA.

Dealer :