



Clartech
Engineers
Private Limited
Definite Technology

**CLARTECH Lathe Machine - IS: 6893-1988
(CL-LM-300-03-345K)**



Plot - 413, "V" Road, Phase - II, GIDC Industrial Estate,
Vatva, Ahmedabad - 382 445. INDIA
Phone: +91 79 6545 2678



E-mail: contact@clartechengineers.com
Website: www.clartechengineers.com
Fax: +91 79 2589 3323

| Performance Parameters | |
|--|---------------------|
| Lathe Machine Type | Center Lathe |
| Nature of Duty of Operation of Lathe | Light Duty Lathe |
| Distance Between centers (mm) x Swing over Bed (mm) | 1000 x 300 |
| Swing Over Bed (in mm) | 300.0 |
| Center Height in mm | 150.0 |
| Swing Over Cross Slide in mm | 180.0 |
| Swing Over Carriage Wing in mm | 220.0 |
| Swing in Gap in mm | 500.0 |
| Width of Gap in Front in mm | 120.0 |
| Type of Bed | Inverted V type |
| Length of Bed in mm | 1370.0 |
| Width of Bed in mm | 240.0 |
| Gap in Bed in mm (Only for Gap Lathe) for rest Put 0 | 0.0 |
| Rapid Transverse of saddle & Cross Slide | Yes, No |
| Maximum Feed Force | 100 |
| Maximum Facing Diameter in mm | 300.0 |
| Maximum Weight of work piece that can be held between chuck and supported by Live center in kg | 300.0 |
| Maximum Weight of work piece that can be held between chuck and supported by dead center in kg | 200.0 |
| Maximum Torque on Spindle in NM | 6 |
| Size of Spindle in mm | 108.0 |
| Type of Chuck | 3 Jaw Self Centered |
| Travel of Cross Slide in mm | 200.0 |
| Travel of Top Slide in mm | 110.0 |
| Main Motor Power in kw | 3.0 |

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|--|---------|
| Types of power supply | 3 Phase |
| Erection and Commissioning Charges included in Offered Prices without Foundation | Yes |
| Warranty in Years | 3 |
| Annual Maintenance Contract Rate included for Machine | Yes, No |
| Period of AMC | 0 |
| Coolant Pump output in kw as per IS 2161:1962 Latest | 0.12 |

| Dimensional Parameters | |
|---|--------|
| Minimum Chucking Diameter in mm | 3.0 |
| Maximum Chucking Diameter in mm | 200.0 |
| Tail Stock Sleeve Diameter in mm | 38.0 |
| Maximum Offset of Tailstock on either side of Center Line in mm | 10.0 |
| Sleeve Travel Type(Tail Stock) | Manual |
| Length of Lathe Machine in mm | 1500.0 |
| Width of Lathe Machine in mm | 400.0 |
| Height of Lathe Machine in mm | 1100.0 |
| Weight of Lathe Machine with electrical and standards Accessories | 700.0 |

| Standards | |
|--|-----|
| Lathe Machine Confirming to IS 6893-1988 Latest (For Technical Evaluation) | Yes |
| Lathe Machine Material Confirming to IS 210 Latest(For Casting) | Yes |