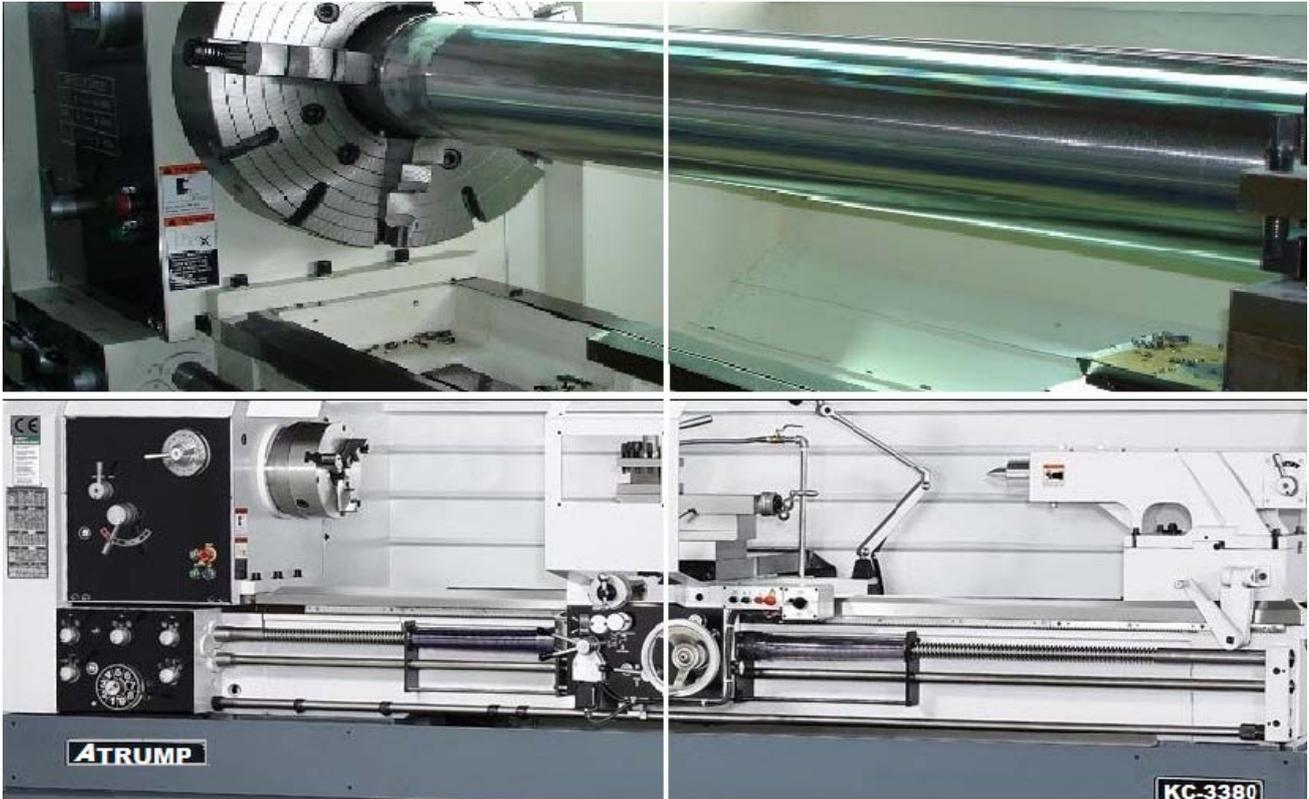
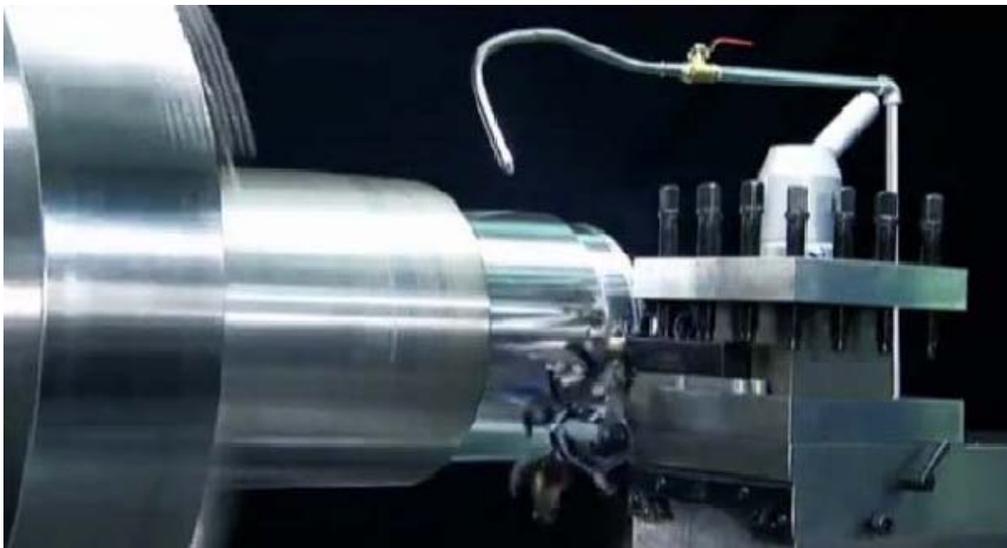


ATRUMP Heavy duty Precision lathes

Heavy-duty, Large Swing, Big Bore Up to 12" (305 mm) Spindle bore



The ATRUMP KC33 Series of center lathes offer a wide choice of models ranging from 380mm to 420mm center height and 1500 mm to 6000mm between centers. With a comprehensive range of equipment included as standard, these lathes offer extremely good value for money.





Standard Features

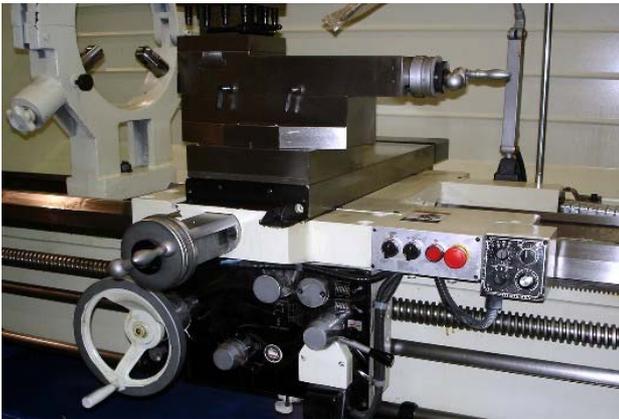
- The bed is manufactured from high grade cast iron (FC-25) for maximum rigidity and no deformation after years of operation.
- The gears in the headstock and the spindle are precision manufactured from Chrome molybdenum alloy steel, hardened and precision ground. The spindle is supported at 3 points, and runs on high precision taper roller bearings for maximum stability.
- Jog button to facilitate spindle speed changing
- Auto. lubrication for the slides
- Wide range of threads with no need to change transpose gears for inch and metric threads
- Bottom of saddle lined with Turcite B for smooth feeding
- Rapid traverse standard
- Tailstock quill with inch and metric graduations, 2 range hi – Low speed quill





Carriage & Apron:

Tailstock:



The cross slideways are hardened and ground, the saddle slideways are covered with Turcite to reduce friction. A heavy-duty casting design for maximum rigidity to support work pieces or tooling. With MT #5 taper,

Headstock:

Bed & Bedways



Gears in the headstock are made of chromium molybdenum steel (SCM-21), treated by cementation then precisely ground to provide smooth and quiet running. The spindle is supported by precision taper roller bearings.



The extra-wide 450mm bed is constructed of Meehanite casting for maximum rigidity, The pre-stressed bedways are induction heat-treated and ground for wear resistance

Specifications

| ITEM / MODEL | KC-3060 | KC-3080 | KC-30120 | KC-30160 | KC-30200 | KC-30240 |
|-----------------------------|---|-----------|------------|-----------|-----------|------------|
| | * KC-3360 | * KC-3380 | * KC-33120 | *KC-33160 | *KC-33200 | * KC-33240 |
| General Capacity | | | | | | |
| Center height | 385mm, (*420 mm) | | | | | |
| Max. swing over bed | 770mm, (* 840 mm) | | | | | |
| Max. swing over gap | 980mm opt., (* 1020 mm opt.) | | | | | |
| Max. swing over cross slide | 500mm, (* 570 mm) | | | | | |
| Distance between centers | 1600mm | 2100mm | 3100mm | 4100mm | 5100mm | 6100mm |
| Main Spindle | | | | | | |
| Spindle nose | A2-11 (for KC-3000 or KC-3300) | | | | | |
| Spindle bore | 105mm (Standard for KC-3000 or KC-3300) 155mm (6") (for KC-3000 or KC-3300) (opt.) | | | | | |
| Spindle speeds (18 steps) | Ø105mm: 20 -1500rpm / Ø155mm:10~800rpm | | | | | |
| Carriage | | | | | | |
| Gross slide travel | 450mm | | | | | |
| Compound rest travel | 250mm | | | | | |
| Tailstock | | | | | | |
| Tailstock spindle dia. | 105mm | | | | | |
| Tailstock spindle travel | 220mm | | | | | |
| Tailstock spindle taper | MT#5 | | | | | |
| Bed | | | | | | |
| Bed width | 450mm | | | | | |
| Threading | | | | | | |
| Lead screw | 2TPI or 12mm/pitch | | | | | |
| Metric pitch threads | 0.08-14mm/pitch (65 kinds) | | | | | |
| Inch threads | 2-28TPI(36 kinds) | | | | | |
| Module pitch threads | 0.5-7M(22 kinds) | | | | | |
| DP threads | 4-56TPI(36 kinds) | | | | | |
| Feeding Range | | | | | | |
| Range of longitudinal feeds | 0.05-0.7mm/rev | | | | | |
| Range of cross feeds | 0.025-0.35mm/rev | | | | | |
| Motor | | | | | | |
| Main spindle motor | 15HP (standard) / 20HP or 25 HP (opt.) | | | | | |
| Rapid feed motor | 1/4HP | | | | | |
| Coolant pump motor | 1/4HP / 1-1/2 HP (Option) | | | | | |
| Net Weight Approx. | 3500kgs | 3850kgs | 4350kgs | 4850kgs | 5350kgs | 5950kgs |

● Specifications are subject to change without prior notice.

● A mark * for KL-3300 series

Optional Equipment:

- CE Standard
- 3-jaw Scroll chuck 12", 16"
- 4-jaw independent chuck 16", 20"
- Micro Carriage Stop
- 4-Position Bed Stop
- Live Center MT #5
- Q.C. Tool Post with 6 straight holders
- Taper Attachment
- Chuck guard
- Work Lamp
- Steady Rest
- Rear splash guard



670 UNION AVE. POMONA, CA. 91768-2000.
Tel: (909)623-6887 Fax: (909) 623-2287
<http://www.atrump.com>
e-mail: artump@atrump.com