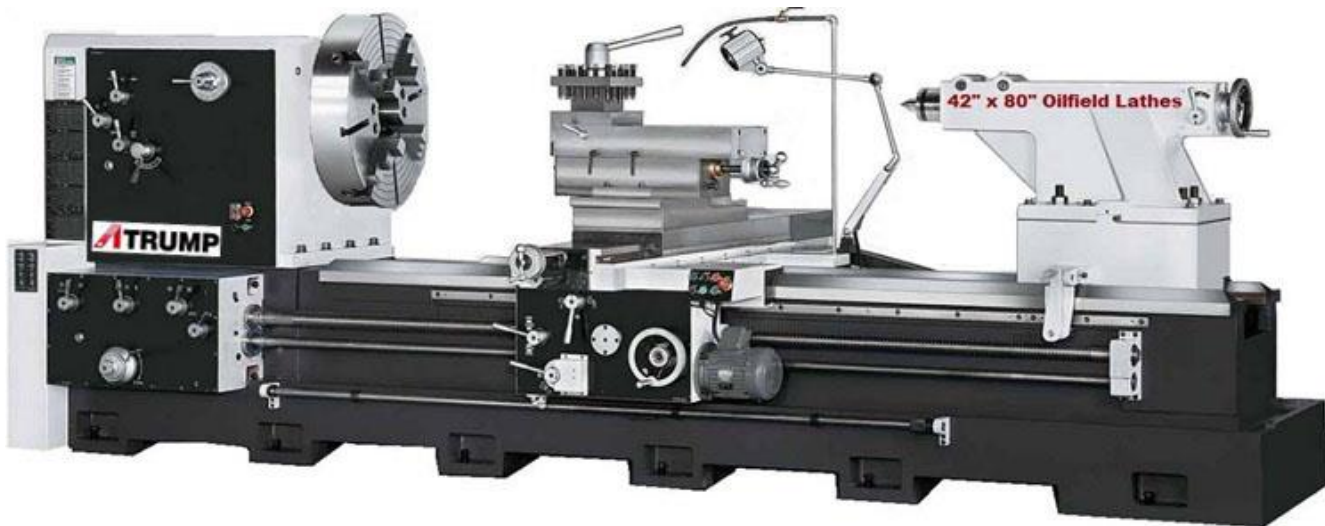


Manual Big Bore Heavy Duty Lathes

The Atrump XT series Large Swing, Big Bore, Extra Heavy Duty Precision conventional lathe are built for all your turning needs, Convenience and Versatility of manual lathe all in one at a most affordable price, It was designed to providing the Versatility required by a large range of industries such as: general purpose machine shops, mining industry, paper mills, power utilities, ship repair and the oil field industry.



The Atrump XT series Big Bore Heavy Duty Gap Engine Lathe are available with spindle bore of 6", 9", 10" and 12", swing from 1060mm and 1270mm and Distance between centers from 1700mm to 8200 mm. Double chucks are available as options,

XT Series Outstanding Features:

Outstanding Features:

- One piece (monolithic) bed, floor type Meehanite Castings, superior vibration dampening and improved surface finish and tool life.
- Hardened & Precision Ground oversized Bed Ways with Turcite - coating
- Gap-Bed with 61" swing clearance for added workpiece capacity

HEADSTOCK:

- 20-HP spindle motor for efficient metal removal capability
- Spindle bore: 6" standard, up to 12" optional on XT-42", 50" & 60" swing,
- 18-speed geared-headstock with 5 – 610 rpm spindle speeds
- Alloy Steel Hardened & Ground Headstock Gears
- Safety gated spindle control lever to protect from accidental engagement
- Electric brake provided for added safety and operational convenience

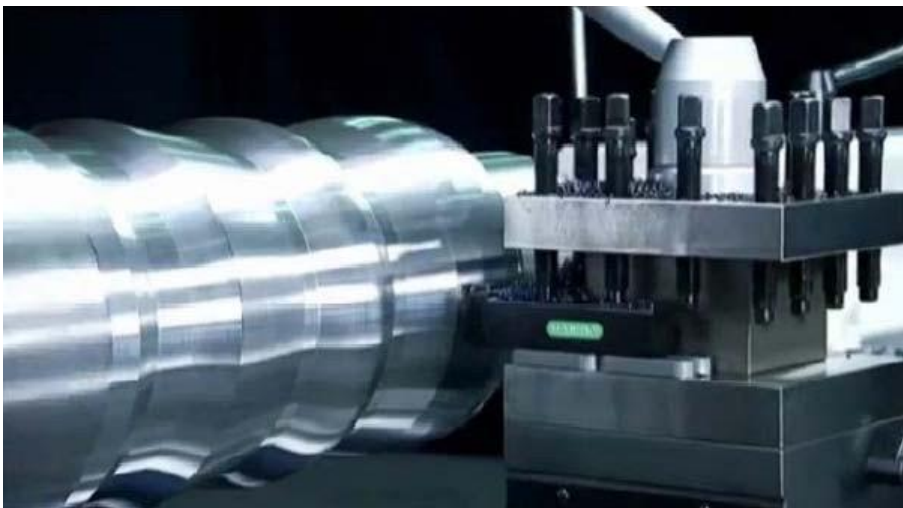
AXIS FEED DRIVE:

- Rapid Traverse feed advance for enhanced operational efficiency
- Inch / metric, diametral & modular threading capability without the use of change gears
- A thread dial indicator is included with the machine for inch & metric thread cutting
- Safety overload clutch for feed shaft to protect gearing from overloads
- Lead screw Safety Torque Limiting device as well as a shear pin for lead screw
- The automatic feed mechanism is mechanically interlocked with the thread cutting engagement lever to prevent damage thought simultaneous engagement.
- The fourth rod controls a 4-position automatic feed stop which disengages the longitudinal feed motion at 4-distinct adjustable pre-determined positions.



MACHINE FEATURES:

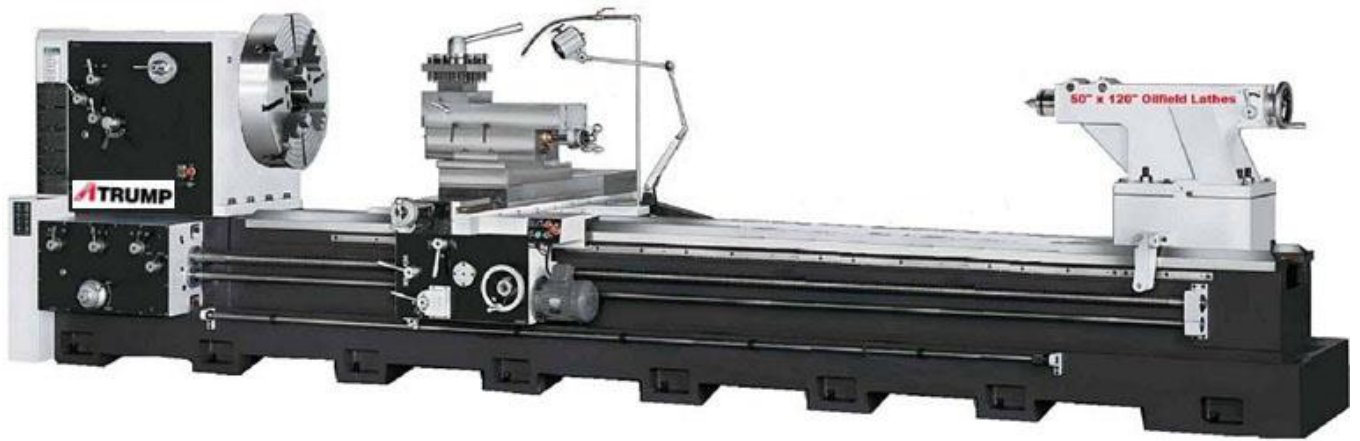
- Automatic way lubrication system.
- The electrical control box and coolant system are equipped with electro-magnetic contactors and overload relay protection devices to prevent motors from burning out and to ensure safe operation.
- The tailstock features 2-speed quill advance and is oversized and equipped with a tang-drive and a drift slot to make removing the centers and taper shank drills very easy.
- Flood coolant system is included
- Inspection Report on accuracy to CNS 94 and B7001 standards included
- One-Year Limited Parts and Labor Warranty Included



Hydraulic Copy cutting

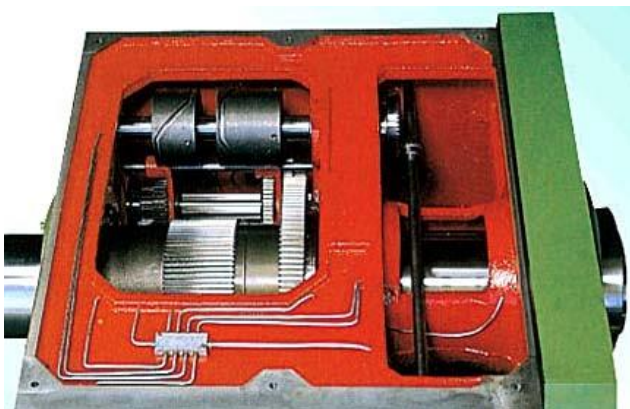


Boring bar



FEATURES:

Rugged, quality Meehanite casting bed design with oversized ribs for rigidity



Heavy duty headstock construction.



Extra large spindle bore size



Maximum stability under heavy cutting.



Massive Heavy-Duty meehanite Carriage Saddle and Apron castings are heavily ribbed for maximum rigidity and performance

XT series Specifications

| Specifications | XT-4260/XT-4280 XT-42120/XT-42160 Models XT-42200/XT-42240 XT-42280/XT-42320 | XT-5060/XT-5080 XT-50120/XT-50160 XT-50200/XT-50240 XT-50280/XT-50320 | XT-6060/XT-6080 XT-60120/XT-60160 XT-60200/XT-60240 XT-60280/XT-60320 |
|----------------|--|--|--|
|----------------|--|--|--|

CAPACITIES

| | | | | | | | | |
|----------------------------|--|------------------|-----------------|------|------|------|------|------|
| Swing over bed | 1070 mm (42") | 1270 mm (50") | 1500 mm (59") | | | | | |
| Center height | 560 mm (22") | 660 mm (25.98") | 780 mm (30.7") | | | | | |
| Swing over cross slide | 750 mm (29.52") | 950 mm (37.4") | 1120 mm (44") | | | | | |
| Swing over gap | 1520 mm (59.84") | 1720 mm (67.71") | 1900 mm (74.8") | | | | | |
| Width of gap | 570 mm (Non gap if Distance between centers is longer than 5m) | | | | | | | |
| Width of bed | 610 mm (24") | | | | | | | |
| Dist. between centers (mm) | 1700 | 2200 | 3200 | 4200 | 5200 | 6200 | 7200 | 8200 |

WORKPIECE WEIGHTS

| | |
|--------------------------------------|--------------------------------------|
| Max. weight at headstock | 2,000 kg |
| Between centers unsupported | 6,000 kg |
| Between center w/1 steady rest | 7,500 kg |
| Between center w/2 steady rest | 8,500 kg |
| Small closed steady rest (opt.) | Ø150 – Ø 380 mm |
| Large closed steady rest (opt.) | Ø 300 ~ Ø 550 mm or Ø 550 ~ Ø 800 mm |
| Follower rest (optional) | 50 ~ 180 mm |
| Taper turning attachment taper / deg | ±75mm / 300mm / ±14° |

HEADSTOCK

| | | | |
|-------------------------|--|---------------|--------------|
| Spindle bore (Standard) | Ø155mm (Std) / A 2-11 / 5 – 610 rpm (18 steps) | | |
| Spindle bore (Optional) | Ø230mm (9") | Ø305 mm (12") | Ø410mm (16") |

| | | | |
|---------------------------|-------------|-------------|-------------|
| Spindle nose | A2-15 | A2-15 | A2-28 |
| Spindle speeds (18 Steps) | 4 - 430 rpm | 3 - 400 rpm | 2 - 250 rpm |

CARRIAGE

| | |
|----------------------|-------------------|
| Cross slide feeds | 0.035-4.0 mm/rev. |
| Cross slide travel | 700 mm |
| Compound rest travel | 380 mm |
| Tool size | 40 x 40 mm |

FEED AND THREADING

| | |
|-------------------------|------------------------------|
| Lead screw diameter | Ø50 mm x 2TPI or 12 mm/pitch |
| Longitudinal feeds | 0.05 ~ 1.52 mm/rev. |
| Cross feeds | 0.025 ~ 0.76 mm/rev. |
| Threading range, metric | 1 ~ 30 mm/Pitch |
| Threading range, inch | 30 ~ 1 TPI |
| Module pitch threads | 0.5 ~ 15 M |
| DP. pitch threads | 60 ~ 2 TPI |

TAILSTOCK

| | |
|--------------------------|---------|
| Tailstock quill diameter | Ø165 mm |
| Taper of center | MT#6 |
| Quill travel | 300 mm |

POWER

| | | | | | | | | |
|-------------------------|--------------------------------|------|------|------|------|-------|-------|-------|
| Main spindle motor | 20 HP (30HP or 40HP on Option) | | | | | | | |
| Rapid motor | 3/4 HP | | | | | | | |
| Coolant pump | 1/4 HP | | | | | | | |
| Oil pump | 12W | | | | | | | |
| Net weight approx. (kg) | 6600 | 7000 | 7800 | 8600 | 9200 | 10000 | 10800 | 11600 |

Specifications are subject to change without prior notice.

Standard Equipment

- Chuck guard with limit switch
- 20 HP motor with Y- delta start on 6"/9"/10" bore models
- 30 hp motor with inverter variable speed motor on 12" and larger bore models
- 18 step manual gear change on 6"/9"/10" bore models
- 3 range auto-change variable speed with CSS on 12" and larger bore models
- Lockable main switch.
- Electrical cabinet ventilation fans
- Electromagnetic spindle brake
- 6-way rapid traverse
- 6-way power feed
- 4-way tool post with T-slots
- Leadscrew support on 120" and large models
- Coolant system
- Auto lube
- Thread dial
- Manual tailstock with saddle pin body movement and anti slip lock
- Gears and bed ways hardened and ground
- Halogen work light
- Leveling Bolts & Pads
- Tool Box with Tools, operation manual