Dear Customer:

We are pleased to offer for your consideration:

ONE (1) NEW U.S. INDUSTRIAL 20” X 80” PRECISION GEARED HEAD ENGINE LATHE MODEL USL20X80BH-KIT

This precision, heavy duty geared head engine lathe incorporates hardened and precision ground bedways on longitudinal and cross ways, and wide, precision ground gears. It has a gap-bed design, feed-rod/lead screw safety interlock system, weight bearing tailstock and forward/reverse levers at both the aprons and the head stock.

As with all U.S. Industrial lathes, it comes with a plethora of standard accessories, 3 and 4-jaw chucks, follower and steady rests, 4-way rapid travel, work lamp, a coolant system and an operator/service manual.

Standard Equipment: (Items below are INCLUDED with the machine)

- 12” 3-jaw chuck. Universal, self-centering with an American standard tongue and groove top Jaws.
- 16” 4-jaw independent chuck
- Steady rest
- 4-way toolpost
- Thread Dial
- Work lamp
- Flood coolant system
- Sino 2-axis digital readout inch/metric (installed)
- Inch reading dials on Apron, Cross-Slide and compound
- Manual with test certificate
- 25” Face Plate & Dog Plate
- Foot brake with microswitch and brake
- Follow rest
- 4-way rapid travel
- Safety chuck shield
- Taper attachment (installed)
- Large spindle bore to pass 4”
- Full length backsplash
- Slide out chip pans
  - Note: Free Multi-position carriage stop

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### Specifications and important information:

- **Swing Over Bed**: 19.7" (500mm)
- **Swing Over Cross-Slide**: 11.8" (300mm)
- **Swing Over Gap**: 28" (710mm)
- **Gap Length**: 9.44" (240mm)
- **Maximum Workpiece Length with 3-jaw chuck**: 78.74" (2000mm)
- **Maximum Turning Length**: 76.77" (1950mm)
- **Spindle Bore**: 4.134" (105mm)
- **Spindle Type**: D1-8 Camlock
- **12 Spindle Speeds**: 36 to 1600 RPM
- **65 Longitudinal Feeds**: .0023 to .0937 IPR
- **65 Cross Feeds**: .0011 to .0404 IPR
- **22 Metric Threads**: 1 to 14mm
- **27 Inch Threads**: 2 to 28 TPI
- **18 Module Threads**: 0.5 to 7mm
- **24 Diametral Pitch Threads**: 4 to 56 DP
- **Compound Rest Travel**: 5.75"
- **Cross-Slide Travel**: 12.125"
- **Tailstock Taper**: No. 5 Morse Taper
- **Tailstock Spindle Travel**: 5.906" (150mm)
- **Tailstock Spindle Diameter**: 2.953" (75mm)
- **Main Motor HP**: 10 HP (7 kw) 220V or 440V, 3-Phase
- **Rapid Feed Motor**: 0.4 HP
- **Coolant Pump Motor**: .16 HP, 11 gallons per minute
- **Lathe Gross Weight**: 6,500 lbs.
- **Dimensions**: 147" long, 40" wide, 50" tall

### Price

**F.O.B. MEMPHIS** $26,990.00

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AVAILABLE OPTIONS:

Quick Change Toolpost Kit with Holders........ $1,495.00
ISO Cutting Tool Package.......................... $2,695.00

We await your reply and thank you for this opportunity to quote.

Sincerely,

U.S. INDUSTRIAL MACHINERY