

U.S. INDUSTRIAL MACHINERY

P.O. BOX 2098

MEMPHIS, TN 38101

PHONE: (800) 860-1850

FAX: (901) 526-2339

Visit Our Web Site at www.usindustrial.com

Dear Customer:

We are pleased to offer for your consideration:

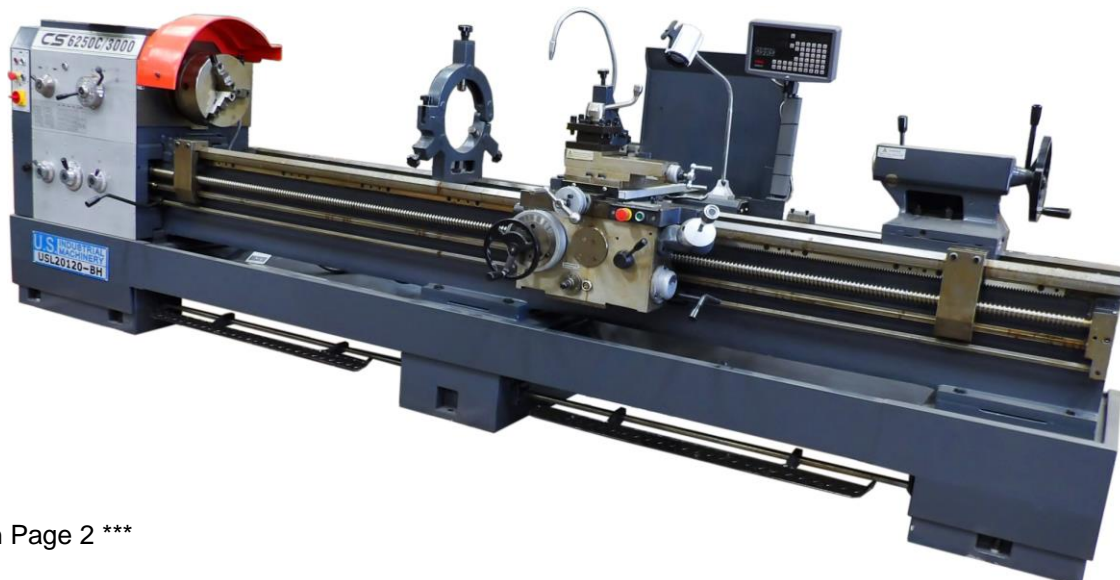
ONE (1) NEW U.S. INDUSTRIAL 20" X 120" PRECISION GEARED HEAD ENGINE LATHE MODEL USL20X120BH-KIT

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"
- Traveling Backsplash Behind Apron
- Slide out chip pans



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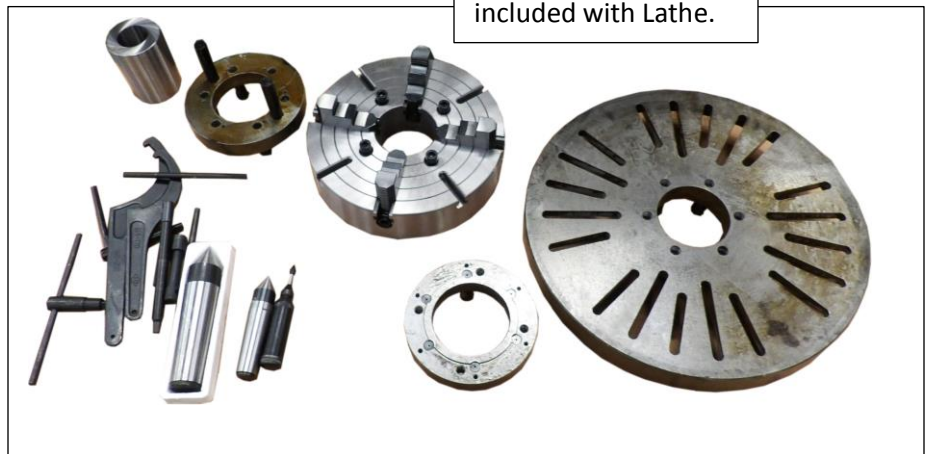
Specifications and important information:

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	118" (3000mm)
Maximum Turning Length	116" (2950mm)
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	7,700 lbs.
Dimensions	183" long, 40" wide, 50" tall

PRICE.....F.O.B. MEMPHIS.....\$ 29,990.00

Standard Accessories
included with Lathe.

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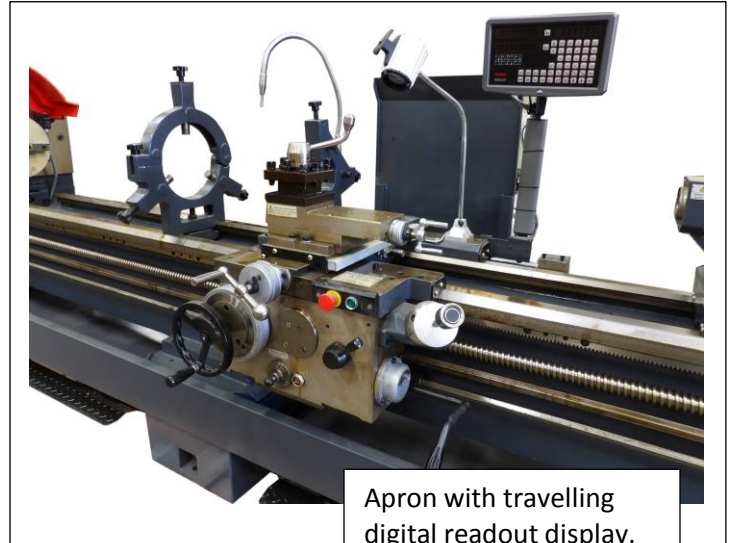
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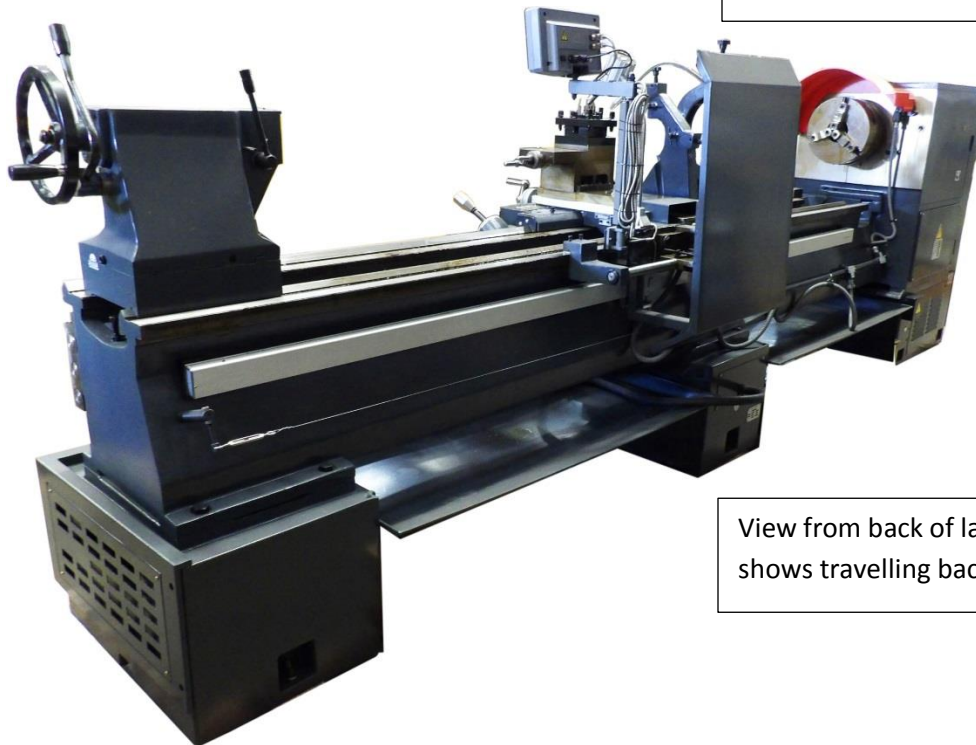
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Detail of Headstock



Apron with travelling digital readout display, follow rest, steady rest, taper attachment, rapid travels.



View from back of lathe shows travelling backslash.

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

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