

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 13" X 40" PRECISION GEARED HEAD ENGINE LATHE MODEL USL1340BH-KIT

This small geared head engine lathe is a good choice for maintenance shops, machine shops, or serious hobbyists. Large spindle bore passes 2" diameter. This machine operates on 220 volts, 1 phase. Please review full kit of included accessories below:

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

- 8" 3-Jaw Chuck. Universal, Self-centering
- 8" 4-Jaw Independent Chuck
- Face Plate
- Foot Brake with microswitch
- Steady Rest
- Follow Rest
- 4-Way Tool Post
- Micrometer Carriage Stop
- Thread Dial
- Inch/Metric Dials on cross, compound and tailstock
- Safety Chuck Shield
- Work Lamp
- Taper Attachment ***(installed)***
- Flood Coolant System
- Large spindle bore to pass 2"
- Sino 2-axis Digital Readout, inch and metric, ***(installed)***
- Rear Splash Guard
- Manual with test certificate
- Slide out Chip Pan
- 220 Volt, Single phase operation
- Induction hardened bed ways



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Specifications and important information:

Swing Over Bed	12.99"
Swing Over Cross-Slide	7.79"
Swing Over Gap	18.74"
Maximum Turning Length	39.37"
Spindle Bore	2.008"
Spindle Mount Type	D1-5
8 Spindle Speeds	90 to 2000 RPM
Longitudinal Feeds	.0049 to .0656 IPR
Cross Feeds	.0016 to .0210 IPR
32 Metric Threads	0.45 to 10mm
20 Inch Threads	2-1/4 to 40 TPI
Tailstock Taper	No. 3 Morse Taper
Cutting tool size, max	5/8" Square
Main Motor HP	2 HP (1.5 kw) 220V, single phase
Lathe Gross Weight	1,400 lbs.
Crated Dimensions	77" long, 30" wide, 60" tall

PRICE.....F.O.B. MEMPHIS.....\$ 11,950.00

AVAILABLE OPTIONS:

Quick Change Tool Post Kit and Holders.....	\$ 995.00	See page 3 for detail of this option
ISO Cutting Tool Package.....	\$ 2,995.00	See page 4 for detail of this option

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

Sincerely,

Sales Department,
U.S. INDUSTRIAL MACHINERY

QUICK CHANGE TOOL POST OPTION – (Replaces standard four-way tool post)

Thank you for the opportunity to quote. We are pleased to offer the following equipment for your consideration:

**ONE – NEW QUICK CHANGE TOOLPOST WITH FIVE HOLDERS, FOR FACTORY ONLY
INSTALL ON USL SERIES LATHES**

Note: We use the wedge style, #333 for our Lathes. This comes with Part off holder, knurling holder, boring bar holder, and two 3/4" SS holders

Price.....F.O.B. Memphis.....\$ 995.00
(This ships ONLY installed on lathe.)

**This is custom installation and not available after machine ships.
Must be installed on lathe at time of order, prior to shipping.**

Extra holders are \$ 75.00 each.

QUICK CHANGE QC TOOL POST SETS

"Phase II quick change QC tool post sets advanced design provides built-in quick tool changing versatility with positive rigidity to meet the most exacting working tolerances.

Quickly and easily installed on an engine bench or turret lathe Phase II quick change QC tool post sets perform a wide range of operations from fine precise work to heavy duty cutting.

All parts are hardened, ground and completely sealed for maintenance free operation.

Maximum rigidity for chatter free performance.

Phase II quick change QC tool post sets are interchangeable with all industry leading brands by series."

EACH SET CONSISTS OF ONE TOOLPOST AND 5 HOLDERS, ONE OF EACH STYLE, # 1, 2, 4, 7 AND 10.

PISTON TOOLPOST SETS

STOCK #	SWING
251-100	9-12"
251-200	10-15"
251-300	13-18"
251-400	14-20"



WEDGE TOOLPOST SETS

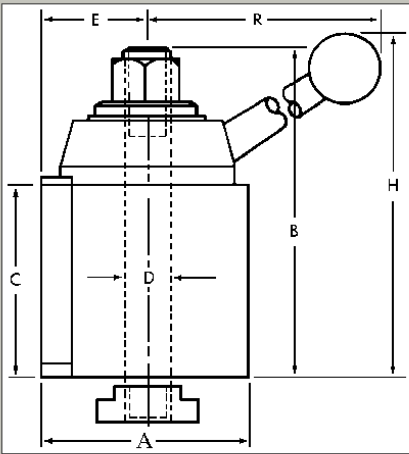
STOCK #	SWING
251-111	9-12"
251-222	10-15"
251-333	13-18"
251-444	14-20"
251-555	17-32"



Quick Change QC Tool Post Features:

- No chatter or vibration
- Quick swap of tools
- No Shims
- Guaranteed Repeatability

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	Stock No.	A	B	C	D	E	H	R	Swing
Piston Style	250-100	2 1/2"	3 7/8"	2 1/4"	9/16"	1 7/16"	4 11/16"	5 3/4"	9-12"
	250-200	3"	4 5/8"	2 3/4"	5/8"	1 5/8"	5 9/16"	7 5/16"	10-15"
	250-300	3 3/8"	5 1/8"	3"	3/4"	1 7/8"	6 1/8"	7 7/8"	13-18"
	250-400	4"	6 1/4"	3 5/8"	7/8"	2 1/8"	7"	9"	14-20"
Wedge Style	250-111	2 1/2"	3 7/8"	2 1/4"	9/16"	1 3/8"	4 11/16"	5 3/4"	9-12"
	250-222	3"	4 5/8"	2 3/4"	5/8"	1 9/16"	5 9/16"	7 5/16"	10-15"
	250-333	3 1/2"	5 1/8"	3"	3/4"	1 29/32"	6 1/8"	7 7/8"	13-18"
	250-444	4"	6 1/4"	3 5/8"	7/8"	2 1/8"	7"	9"	14-20"
	250-555	5"	7 3/8"	4 5/8"	1"	2 11/16"	-	-	17-48"

Cutting Tool Package for U.S. Industrial Lathes:

This optional cutting tool package is designed to fit our QUICK CHANGE TOOLPOST option. It is not for the standard 4-way toolpost.

Tools included below are for:

- Rough and medium finishing of the part OD
 - Left- and right-hand tools for working left and right hand shoulders
 - Tools for threading OD and ID
 - Part off tools
- Fine finish of the part ID
Tools for boring the ID
And more.....

List of carbide cutting tools in KIT for US INDUSTRIAL LATHE: (ISO tools are imports.)

Note: Tools for 13", 16", 20" and 26" Lathes will be 3/4" square shank

Note: Customer MUST purchase option, OUR QC Toolpost set for install prior to shipping:

1. MWLN-R, 3/4" square, triangle insert, right hand.....
2. MWLN-L, 3/4" square, triangle insert, left hand.....
3. Box of 10 WNMG inserts for above.....

4. MCLN-R, 3/4" square, diamond insert, right hand.....
5. MCLN-L, 3/4" square, diamond insert, left hand.....
6. Box of 10 CNMG inserts for above.....

7. MVJN-R, 3/4" square, diamond insert, fine finish, right hand.....
8. MVJN-L, 3/4" square, diamond insert, fine finish, left hand.....
9. Box of 10 VNMG inserts, 1/64" nose radius.....

10. SER-0750-SET, 3/4" square, for threading OD, with inserts.....
(This is a KIT and includes threading inserts.)

11. SIR-0750-SET, 3/4" round, for threading ID, with inserts.....
(This is a KIT and includes threading inserts.)

12. SCLCR-SET, Boring bars, .315", 3/8", 1/2", 5/8", 3/4" bars, with inserts.....
(This is a KIT and includes inserts.)

13. RH-MCLN, Boring bar, 1" diameter, 12" long.....
14. Use inserts in Item No. 6, CNMG.....

15. HSSBlade for part-off holder, high speed steel.....
Block, blade and 10 self-lock carbide parting/grooving inserts.....

16. Arbor and key chuck for tailstock.....
17. Live center for tailstock.....
18. Semi-synthetic coolant concentrate, 1 gallon.....

Set price.....\$ 2,995.00