

Southern Tool

Online Store for Smith Hamilton, Serving Customers Since 1926!

PHONE: (800) 932-8376 FAX: (901) 526-2339

Visit Our Web Site at <http://www.southern-tool.com>

January 11, 2008

Gentlemen:

We are pleased to offer for your consideration:

ONE (1) NEW U.S. INDUSTRIAL 16" x 60" CONVENTIONAL GAP-BED LATHE

Model Number: US 1660 C

STANDARD ACCESSORY PACKAGE:

3 Jaw Chuck (8")	4 Jaw Chuck (10")
Face Plate	Drive Plate
Spindle Reduction Sleeve	Back Splash Guard
Steady Rest	Follower Rest
Longitudinal Stop Device	Micro Stop Device
Threading Dial	Front Chip Cover
Work Light	Coolant System
Foot Brake	Hand Tools
Dead Centers	Oil Gun
Quick Change Gears	Operation and Maintenance Manual
**"ROCKER" Tool Post Holder W/Left-Straight-Right Holders	
Voltage Available 220V or 440V	

SPECIFICATIONS:

Swing Over Bed	16"
Swing Over Cross Slide	9.4"
Swing Over Gap	22"
Length of Gap	9.72"
Length of Gap in Front of Face Plate	5.98"
Distance Between Centers	60"

HEADSTOCK:

Spindle Speeds (Number)	12
Spindle Speeds (Range)	28-2000 RPM

MAIN SPINDLE BEARING:

Outside Diameter	6.102"
Inside Diameter	3.543"
Length	28.188"

HEADSTOCK:

Hole Thru Spindle	2"
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Spindle Nose Type	D1-6
Headstock Center	MT#6
Headstock Length on Bed	19.88"
Number of Bearings on Spindle	3
Spindle Bearing Type	Roller and Angular

GEARBOX:

Threads Per Inch (#)Range	(28) 4-48 T.P.I.
Metric Threads (#)Range	(17) 0.5-6.5
Module Threads (#)Range	(11) 0.5-3.25
Diametral Pitch (#)Range	(18) 8-52
Long. Feeds (#)Range	(45) 0.0015-0.0267"
Cross Feeds (#)Range	(45) 0.0006-0.0115"
Leadscrew Dia./Range	1.33 ³ / ₄ T.P.I.
Feed Rod Diameter	0.98"
Lubrication System	Oil Pump

CARRIAGE & APRON:

Cross Slide Travel	10"
Cross Slide Width of Bridge	6.3"
Compound Rest Travel	4"
Compound Rest Width	4.21"
Length of Carriage Bearing On Ways	17.52"
Graduation of Apron Handwheel	0.005"
Travel of Carriage Per Rev. of Handwheel	1"
Graduations of Carriage Cross Slide Handwheel I(Direct Reading)	.0002"
Travel of Cross Slide Per rev. of Handwheel	0.4"
Height From Top of Compound to Centerline of Lathe	1.61"
Maximum Tool Holder Size	0.9" x 0.9"
Lubrication System	Oil Pump

BED:

Width of Bed	11.78"
Depth of Bed	14.09"
Hardness of Bed (Rockwell C)	50

TAILSTOCK:

Travel of Spindle Barrel	4.5"
Diameter of Spindle Barrel	2.36"
Taper of Center	MT#4
Tailstock Body Length of Bed	11.73"
Length of Barrel Graduations on Spindle	4"
Type of Clamping on Bed	Lever Clamp
Lubrication System	Reservoir

DRIVE & MOTORS:

Type of Input Drive	Vee Belt
Number of Vee Belts	4

Main Drive Motor	5.3 H.P.
Coolant Pump Motor	0.16 H.P.

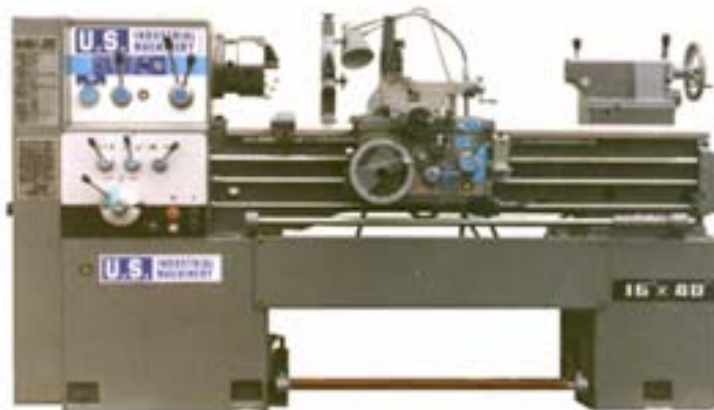
SHIPPING DATA U.S. INDUSTRIAL 1660-C:

Overall Width	45"
Overall Height	67"
Overall Length	117"
Shipping Weight	6000 lbs

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

Sincerely,

Southern-Tool.com



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