

Southern Tool

Online Store for Smith Hamilton, Serving Customers Since 1926!

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January 11, 2008

Gentlemen:

We are pleased to offer for your consideration:

ONE (1) NEW U.S. INDUSTRIAL PRECISION ENGINE LATHE

Model Number: US1860

STANDARD FEATURES AND EQUIPMENT:

Spindle is high chrome molybdenum alloy steel-hardened & ground
Pre-loaded high precision bearings, hardened & ground gears
All spindle assemblies are high speed dynamically balanced
Induction hardened ways, high grade grey iron aged castings
Pull out chip pan, Forced-Filtered Lubrication of Headstock and Gearbox

THIS MACHINE COMES WITH THE FOLLOWING:

2 Speed, geared Tailstock	3 and 4 Jaw Chucks
Face Plate	Dog Plate
Steady rest (with roller tips)	Follower rest
Work light	Coolant system
Micro bed stop	Thread chasing dial w/indicator
Safety footbrake	5-Pos. Longitudinal Mech. Stops
Full-length Splash Guard	Operator Safety Shield
4-Way Rapid Travel	Std. Rocker Tool Post
Set-up Tools	Parts/Operator's Manual

SPECIFICATIONS:

Swing	18"
Centers	60"
Swing over Carriage	10 ¼"
Swing Over Gap	25 1/8"
Width of Bed	14 ½"
Spindle Bore	3 1/8"
Spindle Type	D1-8 Camlock
Spindle Speeds	12
Speed Range	25-1500
Long. Feeds	(80) .0023 - .035"
Cross Feeds	(80) .00115 - .0175"
Threading Range Metric	0.5 - 7.0 mm (23)
Threading Range Inch	4 - 56 t.p.i. (40)
Threading Range Module	0.5-7.0 mm (20)
Threading Range Diametral Pitch	4-28 t.p.i. (19)
Cross Slide Travel	10 - 5/8"
Tool Slide Travel	4 11/32"

Tailstock Quill Travel
Tailstock Taper

6 ½"
Mt 4 (Tang Type)

ELECTRICAL:

International, with most components Siemens/License.
Main Motor 10 HP
Coolant Motor 1/8 HP
Three Phase, 220/440V, 60 Hz
Pre-wired 220 or 440 Volts per your request with order.

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

Sincerely,
Southern Tool

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