

U.S. INDUSTRIAL MACHINERY, INC.

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Visit Our Web Site at www.usindustrial.com

Gentlemen:

We are pleased to offer for your consideration:

ONE (1) NEW U.S. INDUSTRIAL 19 X 80" PRECISION ENGINE LATHE

Model Number: US 1980 ZC

This is a fully geared headstock, gap-bed lathe with precise, hardened and ground gears, each gear thoroughly tested for accurate tooth configuration and flank engagement to insure optimum quietness and smoothness. The drive and brake are achieved through mechanical "multi-disc" clutch system. The precision ground spindle is supported by three tapered double roller bearings and features D-Cam lock mounting. The gearbox is totally enclosed and is designed so a preponderance of standard and metric threads and feeds are attainable without gear change. The carriage has extended range, with T-Slots for accommodating special tooling. Nuts for elimination of backlash are externally adjustable, heavy duty taper attachment generates tapers of +/- 15 degrees up to 22 inches. The apron has overload protection. Bed way is of high grade, alloy cast iron, aged and normalized for maximum stability, with chrome bearing ways. Heavy cross ribbing of the bed frame produces extra rigidity and dampens vibration. Other features include dual spindle control levers, two-speed tailstock, micro-cutout chuck guard, four way rapid travel, safety interlock, forced lubricated head-stock, all which shows that this lathe comes with a formidable list of desirable features and standard accessories.

STANDARD ACCESSORIES:

3-Jaw Chuck	4-Jaw Chuck
Face Plate	Steady Rest
Follower Rest	Turret Carriage Stop
Coolant System	

SPECIFICATIONS:

Swing Over Bed	19"
Swing Over Carriage	10 5/8"
Swing in Gap	27"
Length of Gap	15 1/2"
Width of Bed	14"

SPECIFICATIONS:

Spindle Bore	4 1/8"
Spindle Type	D1-8 Cam lock
Spindle Speeds	12 Choices
Spindle Speed Range	19, 12-1500 RPM
Cross Slide Travel	11"
Tool Slide Travel	5 1/2"
Tailstock Travel	8"
Tailstock Diameter, Taper	3", 5MT
Inch Threads	58 Kinds, 3/4-92 tpi
Metric Threads	35 Kinds, 0.25-23mm
Module Threads	56 Kinds, 0.25-115mm
Diametral Threads	56 Kinds, 1 1/2"-184 dp
Longitudinal Feeds	56 Kinds, 0.0235-2.84 mm/r
Cross Feeds	56 Kinds, 0.012-1.42 mm/r
Lead screw	4 tpi
Main motor	10 HP
Coolant, Rapid Motors	90W

PRICE.....F.O.B. MEMPHIS.....\$ 17,995.00

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

Sincerely,
U. S. INDUSTRIAL MACHINERY, INC.

