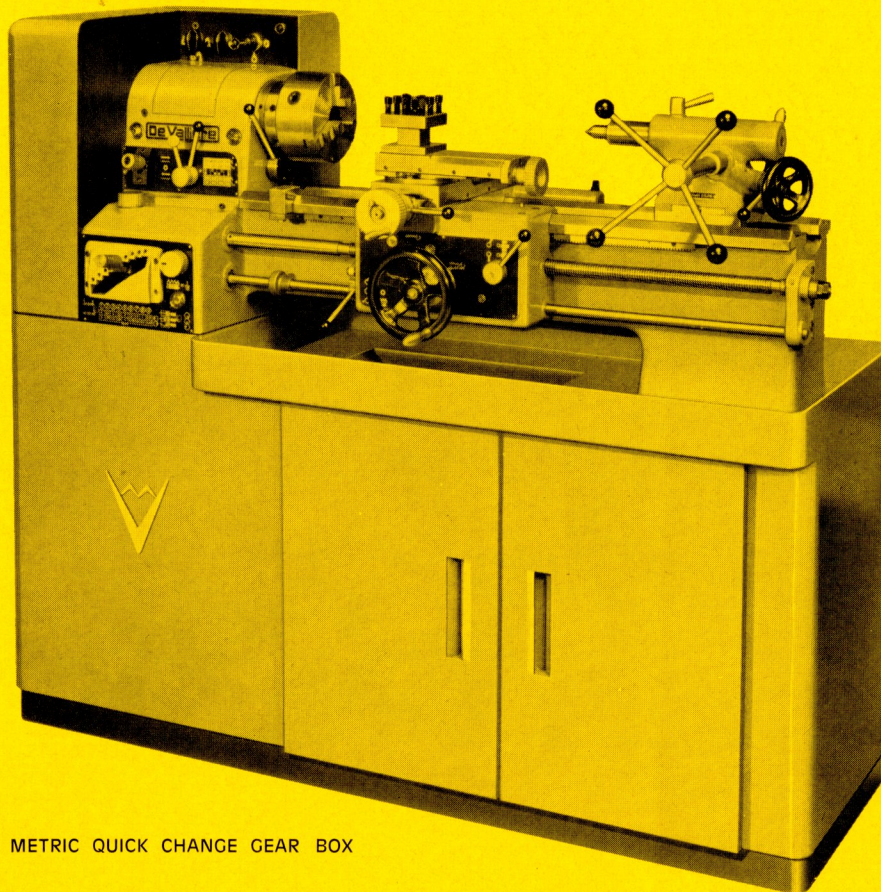


DeVallière



H. 130 " F " WITH METRIC QUICK CHANGE GEAR BOX

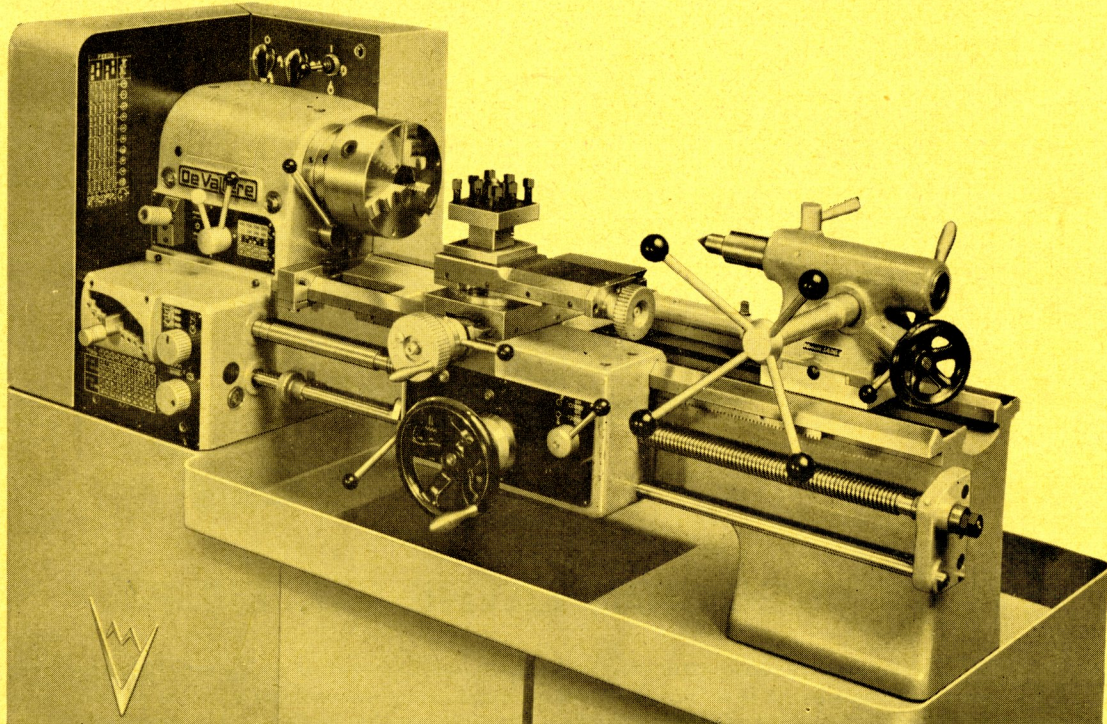
HIGH PRECISION LATHE "H. 130 F"

The long experience we possess concerning turning has brought us to create a machine responding to a real need in many industries. It is a fact that many machining operations can be obtained faster and more easily on machines of smaller dimensions than those generally built, at the only condition of using a high precision powerful and complete machine. This is the case of our new HIGH PRECISION SLIDING AND SCREW CUTTING LATHE « H. 130 F ». Besides sturdiness, high power and accuracy rarely found together in machine of this type, this new lathe has many original characteristics allowing a great flexibility of use :

- Hardened and ground prismatic bed ways.
- Spindle mounted on three « GAMET » ultra precision taper roller bearings.
- CAM LOCK D1-4" spindle nose with fast mounting of chucks by means of cams.
- All shafts and all gears, including pick of gears, are made of Ni-Cr steel treated at 140 kg.
- All headstock and gearbox gears hardened and ground.
- Screws and leadscrew hardened and ground.
- Automatic stop for the longitudinal feed.
- Longitudinal and cross feeds driven by single lever interlocked with the leadscrew nut lever.
- Fast-acting cross slide for screw cutting.
- Square toolpost.
- Tailstock driven through handwheel and capstan.
- Centralised controls.
- Very complete and accessible electric equipment.
- Electromagnetic brake.

SPECIFICATIONS OF THE "H. 130 F" LATHES :

Height of centers	130 mm	5 1/8"
Distance between centers, tailstock flush	700 mm	28"
Swing over bed	260 mm	10 1/4"
Swing over bed on a length of 200 mm (8")	300 mm	12"
Swing over cross slide	145 mm	5 3/4"
Length of slide under saddle	300 mm	12"
Width of bed	220 mm	8 1/2"
Hole through spindle	25 mm	1"
or	35 mm	1 3/8"
Headstock spindle taper		N° 4 Morse
or		N° 5 Morse
Headstock spindle nose		Cam-Lock D1 - 4"
Tailstock spindle diameter	40 mm	1 9/16"
Tailstock spindle travel	180 mm	7"
Tailstock spindle taper		N° 3 Morse
Compound rest travel	100 mm	4"
Size of lathe tool	20 x 20 mm	3/4 x 3/4"
Leadscrew	4 mm	5 t.p.i.
Cross feed screw	2,5 mm	10 t.p.i.
Compound rest screw	2,5 mm	10 t.p.i.
Spindle speeds with two speed motor (16)		70-2000 r.p.m.
Motor		2-3 h.p.
Packing	1650 x 800 x 1450 mm	65" x 32" x 57"
Net weight (approx.)	580 kg	1280 lbs
Gross weight (approx.)	660 kg	1450 lbs



REGULAR EQUIPMENT

H. 130 "F" WITH ENGLISH QUICK CHANGE GEAR BOX

1 Complete electric equipment including : Master switch locking the door of the electric equipment - Double main motor starter-inverter - Low tension controls - Main motor with overload protection in the motor - Coolant pump overload relay - Transformer with fuses - Five position hand lever switch : forward, backward, idle, stop with brake, reengagement after a safety release - No volt release - Release at the opening of the doors of the electric equipment and quadrant or for an overload of the main motor - 1 Three phase main motor with electromagnetic brake - 1 Coolant pump with tubing, reservoir, motor and switch - 1 Work light mounting - 1 Bed with hardened and ground ways - 1 square toolpost - 1 Simple positive stop - 1 set of gears for cutting Metric or English threads - 1 Tailstock capstan - 1 AMERICAN CAM LOCK D1-4" spindle nose - 1 170 mm (6 1/2") Ø face plate - 1 300 mm (12") Ø face plate - 1 150 mm (6") Ø three jaw, steel body, chuck with two sets of tempered jaws, one set of soft jaws and one key - 1 Headstock center with sleeve - 1 Tailstock center - 1 Endless main belt - 1 Set of wrenches - 1 Shelf in the right part of the cabinet - 1 Oil gun - 1 Service book.

ADDITIONAL EQUIPMENT (please consult us for all your needs concerning tooling.)

SEND US THE DRAWING OF THE PART, WE SHALL STUDY YOUR PROBLEM.

WESTERN SERVICES CORPORATION

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