



Whitelaw

ENGINEERING MACHINERY
INCORPORATED 1965



MODEL: LD1440GT CENTRE LATHE

MACHINE FEATURES:

- Gear driven headstock allowing quick change of spindle speeds
- Precision 'V'-beds hardened and ground, incorporating a rigid webbed casting
- Change gears for metric and imperial thread cutting
- Oil sight glass for head stock and gearbox
- Adjustable taper roller bearings support the spindle
- Overload clutch mechanism on auto power feed
- Overload protection on drive motor and coolant system
- Inching button for convenient spindle speed selection
- Enclosed quick action gearbox for thread cutting and auto feeding
- Powered longitudinal and cross feeds
- **Large 50mm spindle bore**
- D1-5 cam lock spindle for quick chuck changes and safe reverse-direction turning
- Removable gap bed-way for larger diameter jobs
- Dual calibrated dials
- Coolant system with flexible hose
- Stand increasing rigidity and reducing vibration
- Foot brake for instant stop

SPECIFICATION:

Swing over bed:	...360 mm
Swing over cross slide:	...225 mm
Swing in gap:	...520 mm
Width of gap:	...195 mm
Distance between centres:	...1000 mm
Width of bed ways:	...190 mm
Spindle nose:	...D1-5 cam lock
Spindle bore:	...50 mm
Taper of spindle nose:	...MT5
Number of spindle speeds:	...9
Spindle speed range:	...50-2000 rpm
Cross slide travel:	...165 mm
Compound rest travel:	...100 mm
Quill dia:	...Ø 40 mm
Quill travel:	...100 mm
Quill taper:	...MT 3
Metric threads:	0.4-7mm/pitch (30 kinds)
Inch threads:	...4-56tpi (32 kinds)
Longitudinal feeds:	...0.068-0.93mm/rev/0.0026-0.0638"/rev
Cross feeds:	...0.034-0.468mm/rev/0.0013-0.0319"/rev
Main motor:	...3HP 415v 3 Phase (option 240v VFD)
Machine footprint:	...1700 x 670 mm
Approx. Net weight:	...620 kg



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STANDARD EQUIPMENT:

- ✓ 200mm diameter 3 jaw self-centring chuck
- ✓ 200mm diameter 4 jaw independent chuck
- ✓ 2 Axis Digital Readout
- ✓ Change gears
- ✓ 4 way tool post
- ✓ Fixed steady rest, Follow Rest
- ✓ Coolant system
- ✓ Full length splash guard
- ✓ Removable front chip tray
- ✓ Centre sleeve 5MT, 2 Dead Centres 4MT
- ✓ Thread dial indicator
- ✓ Floor stand with two cabinets
- ✓ Tool box and manuals

OPTIONAL EQUIPMENT:

- Taper turning attachment
- Quick change tool post c/w 5 holders
- Collet closer
- OH&S Guarding
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