

**VERUS** MACHINE TOOLS **MODEL: BL1440G GENERAL PURPOSE CENTRE LATHE**

**MACHINE FEATURES:**

- Gear drive headstock for quick change of spindle speeds
- Headstock gears heat treated then hardened and ground
- NSK Japanese spindle bearings
- Adjustable taper roller bearings for spindle accuracy
- Precision 'V'-beds hardened and ground
- Change gears for metric and imperial thread cutting
- Oil sight glass for head stock and gearbox
- German electrical components and premium micro switches
- Overload protection on drive motor and coolant system
- Inching button on headstock for easy selection of speeds
- Enclosed quick action gearbox for thread cutting and auto feeding
- Powered longitudinal and cross feeds
- LED low voltage work light IP62
- Integrated coolant system with flexible hose
- Sliding chip tray easily removed from the front of the machine
- OH & S compliant

**SPECIFICATION:**

Capacity:

Swing over bed:	... Ø 360 mm
Swing over cross slide:	...Ø 223 mm
Width of bed ways:	...187 mm
Distance between centres:	...1000 mm
Tool size:	...20x20 mm

Headstock & Main Spindle:

Spindle bore:	...Ø 51.7 mm
Spindle nose/taper:	...D1-5/MT6
No & Range of spindle speeds:	...(8) 70-2000rpm

Threads & Feeds:

Longitudinal feeds:	... (32 kinds) 0.052-1.392mm/rev
Cross feeds:	... (32 kinds) 0.014-0.380mm/rev
Lead screw Dia:	...Ø 22 mm
Travel of cross slide:	...160 mm
Travel of top slide:	...95 mm
Range of metric threads:	... (26 kinds) 0.4-7 mm
Range of imperial threads:	... (34 kinds) 4-56 T.P.I

Tailstock:

Travel of tailstock quill:	... 100 mm
Taper of tailstock:	...MT#3

Motor:

Motor:	...2.2kw 3HP 415v or 1.5kW 2HP 240v
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Weight:

Approx net weight:	...650kg
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**STANDARD EQUIPMENT:**

- ✓ Sino 2 Axis digital readout
- ✓ 3 Jaw self-centring chuck
- ✓ 4 Jaw independent chuck
- ✓ Chuck guard with micro switch
- ✓ Lead screw and feed rod curtain
- ✓ Faceplate
- ✓ LED work lamp
- ✓ Fixed steady rest
- ✓ Travelling steady
- ✓ Integrated coolant
- ✓ Full length splash guard
- ✓ Centre sleeve
- ✓ 2 Dead centres
- ✓ Thread dial indicator
- ✓ Operation manual and tool kit

**OPTIONAL EQUIPMENT:**

- Quick change tool post c/w 5 flat holders
- OH&S Safety guarding
- Tooling package designed to meet your requirements

