

MACHINE FEATURES:

- One-piece solid cast base enhances the machine life and overall accuracy
- Bed ways induction hardened and ground
- Wide (300mm) 12" bed way to absorb vibration
- Adjustable taper roller bearings for spindle accuracy
- Spindle supported by 3-point precision bearings NSK of Japan
- Headstock gears heat treated then hardened and ground
- Universal enclosed gearbox incorporating metric & imperial thread capabilities
- Schneider/Siemens electrical components and premium micro switches
- Overload protection on drive motor and coolant system
- Foot operated spindle brake
- Removal gap piece to bed
- LED work light IP62
- Powered longitudinal and cross feeds
- Metric lead screw

SPECIFICATION:

Capacity:

Height of centres:	...205 mm
Swing over bed:	... Ø 460 mm
Swing over cross slide:	... Ø 220 mm
Swing in gap:	... Ø 640 mm
Gap width in front of faceplate:	...165 mm
Width of bed ways:	...300 mm
Distance between centres:	...1000 mm

Headstock & Main Spindle:

Spindle nose:	...D1-8 cam lock
Spindle bore:	...80 mm
Number of spindle speeds:	...12
Spindle speed range:	...25-2000 rpm

Threads & Feeds:

Cross slide travel:	...285 mm
Top slide travel:	...128 mm
Longitudinal feed range: (42 kinds)	...0.031-1.7 mm/rev

...0.0011-0.0633 inch/rev
...0.014-0.784 mm/rev
...0.00033-0.01837 inch/rev

Cross feed range: (42 kinds)

Imperial thread range: (60 kinds)	...2-112 tpi
Metric thread range: (41 kinds)	...0.1-14 mm
Diametrical pitch thread range: (50 steps)	...4-112 D.P
Module pitch thread range: (34 steps)	...0.1-7 M.P

Tailstock:

Tailstock quill travel/Dia:	...130/ Ø 60 mm
Tailstock taper:	...MT 4

SPECIFICATION:

Motor:

Spindle motor:

...7.5 HP 415V 3 phases

Weight:

Approx net weight:

...1645 kg

Footprint:

...2200x1080 mm

STANDARD EQUIPMENT:

- ✓ Sino 2 Axis digital readout
- ✓ 3 Jaw Ø 300mm self-centring chuck
- ✓ 4 Jaw Ø 350mm independent chuck
- ✓ Ø 400mm Faceplate
- ✓ LED work lamp
- ✓ Micro carriage stops
- ✓ Fixed steady rest
- ✓ Travelling steady
- ✓ Integrated coolant
- ✓ Full length splash guard
- ✓ Centre sleeve
- ✓ 2 Dead centres
- ✓ Thread dial indicator
- ✓ Levelling feet
- ✓ Operation manual and tool kit

OPTIONAL EQUIPMENT:

- Bison (European) 3 Jaw self-centring chuck
- Bison (European) 4 Jaw independent chuck
- Italian type quick-change tool post c/w 5 flat holders
- Tooling package designed to meet your requirements