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Product Brochure For K8500

NCL-6000 CNC Lathe - NSW Schools / TAFE

250 x 450mm Turning Capacity
NSW Contract Item No.33



ORDER CODE:	K8500
NSW DOE Item No.:	33
QLD DOE Item No.:	~
MODEL:	Schools/TAFE NCL-6000
Digital Readout:	Optional
Tool To Suit (mm):	~
Distance Between Centres (mm):	450
Swing Over Bed (mm):	250
Swing Over Gap (mm):	~
Swing Over Cross-slide (mm):	~
Centre Height (mm):	~
Spindle Bore (mm):	~
Camlock Spindle Size:	~
Bed Width (mm):	135
Head Stock Spindle Taper (MT):	3
Tail Stock Taper (MT):	2
Cross Slide Travel (mm):	~
Compound Slide Travel (mm):	~
Lead Screw:	Metric
Cross Feed (mm/rev):	~
Longitudinal Feed (mm/rev):	~
Metric Thread Range (No. / mm):	~
Imperial Thread Range (No. / TPI):	~
3 Jaw Chuck Diameter (mm):	~
4 Jaw Chuck Diameter (mm):	~
Spindle Steps/speeds (No. / RPM):	100-3000
Motor Power (kW / hp):	1 / 1.3
Voltage / Amperage (V / amp):	240 / 15
Nett Weight (kg):	490

Description

We for many years have been working in close consultation with the education departments to ensure the most suitable equipment is provided to our schools and TAFE, not only does it comply with the departments stringent safety requirements but is built to last the distance. That's why we consider our company to be a specialist when it comes to supplying quality Wood Work and Metal Working Machinery for Public or Private Schools, TAFE Colleges and Trade Training Centres in all states of Australia.

The NCL-6000 is a CNC lathe with a stepping motor system, hardened ballscrews, variable spindle speed, limit switches, 4-way toolpost and tailstock. The CNC lathe is driven by MACH 3 software on a PC

Converts a standard PC to a fully featured CNC control. Up to 6-Axis control can be achieved, allows direct import of DFX, BMP, JPG and HPGL files to generate the G code. It includes visual G code display as well as multiple programming wizards to provide complex programming techniques into simple to use menu's. The entire machine is driven by the PC.

Features

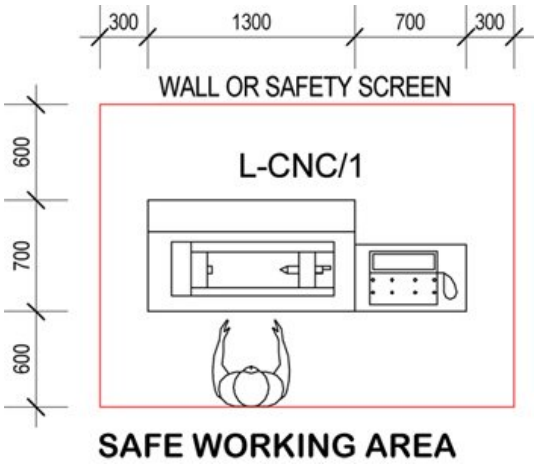
- Accuracy 0.01mm
- Repeatability 0.005mm
- 3000rpm spindle
- 250mm swing
- 1000W main spindle motor
- 135mm bed width
- 330mm Maximum Length capacity
- 100mm Maximum Diameter capacity
- 4N Motor of X-Axis
- 4N Motor of Z-Axis
- Tool Position No. 4
- Angle of the Toolpost 360º
- 2MT Tailstock with 50mm Travel
- X-Axis Adjustable distance of tailstock ±4mm
- Dimensions (LxWxH) 154 x 92 x 163cm
- Fully enclosed guarding
  Includes PC with software preloaded, screen, keyboard and mouse

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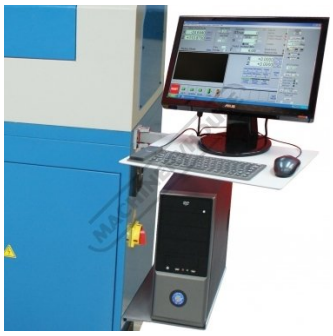
Product Brochure For K8500

Includes

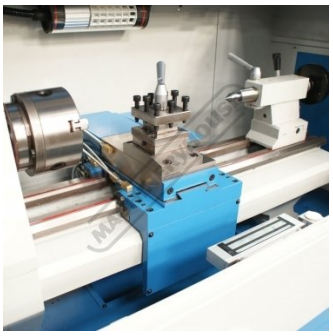
- 12mm Turning Tool Kit (L450)
- 2MT Live Centre (C050)
- 13mm Keyless Drill Chuck (C292)
- 2MT x JT6 Drill Chuck Arbor (D442)



Specific Features


Computer Hardware


Mach 3 Software

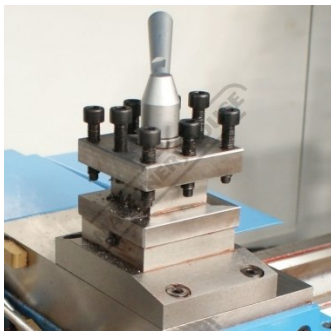

Lathe Machine


Tailstock


Cooling Fan

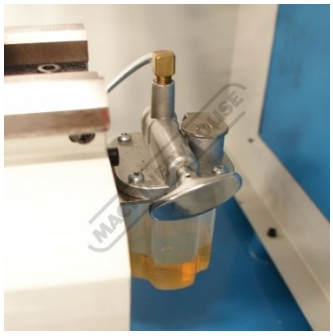

Magnetic Safety Interlock


Machine Light


4 Way Toolpost

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Product Brochure For K8500


Lubrication Pump



Main Power Switch


Rear View



Emergency Stop


Slide out Rear Swarf Tray


12mm Turning Tool Kit (L450)


2MT Live Centre (C050)


13mm Keyless Drill Chuck (C292)


2MT x JT6 Drill Chuck Arbor (D442)

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Recommended Accessories

A358
Sky Hook Lifting Device



A358A
Chuck Hook

