

## Product Brochure For L696

### CNC Lathe - NCL-6000

250 x 450mm Turning Capacity



|                                |            |
|--------------------------------|------------|
| ORDER CODE:                    | L696       |
| MODEL:                         | NCL-6000   |
| Tool Height (mm):              | ~          |
| Accuracy (mm):                 | 0.01       |
| Repeatability (mm):            | 0.005      |
| Maximum Turning Length (mm):   | 330        |
| Maximum Turning Diameter (mm): | 100        |
| Distance Between Centres (mm): | 450        |
| Swing Over Bed (mm):           | 250        |
| Centre Height (mm):            | 125        |
| Bed Width (mm):                | 135        |
| Spindle Bore (mm):             | ~          |
| Spindle Taper (Type):          | 3MT        |
| Turning Over Cross Slide (mm): | ~          |
| Tailstock Taper (MT):          | 2          |
| Tailstock Travel (mm):         | 50         |
| Spindle Speed Range (rpm):     | 100 - 3000 |
| Tool Position Number (No.):    | 4          |
| Motor Power (kW / hp):         | 1 / 1.3    |
| Voltage / Amperage (V / amp):  | 240 / 10   |
| Nett Weight (kg):              | ~          |



### Description

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 360°
- 2MT Tailstock with 50mm travel
- X-Axis adjustable distance of tailstock  $\pm 4$ mm
- Dimensions (LxWxH) 154 x 92 x 163cm
- Fully enclosed guarding
- Includes PC with software preloaded, screen, keyboard and mouse

### Includes

- 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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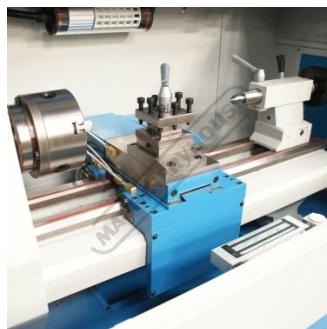
### Specific Features



Computer Hardware



Mach 3 Software



Lathe Machine



Tailstock



Cooling Fan



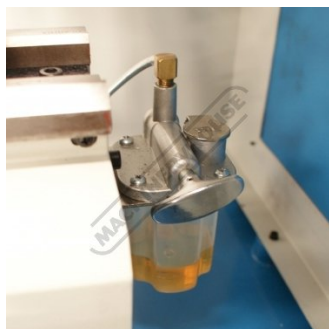
Magnetic Safety Interlock



Machine Light



4 Way Toolpost



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)

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2MT x JT6 Drill Chuck Arbor (D442)