

## L627D Centre Lathe CL-100A



**Code:** L627D  
**Model:** CL-100A  
**Capacity:** 660 x 2000mm - 105mm Bore  
**Weight (Nett):** 3200  
**Dimensions:** 377 x 115 x 184

### Features

- 2 Axis digital readout system
- Taper turning attachment fitted to saddle
- Triple bearings supporting headstock spindle
- Quick change toolpost with additional holders
- Adjustable taper roller bearings providing spindle accuracy
- Precision \\\'-beds & headstock gears are all hardened & ground
- Multiple discs forward and reversing clutch system
- Overload protection on drive motor and coolant system
- Universal enclosed gearbox incorporating metric & imperial thread capabilities
- Foot operated spindle brake with safety cut out switch
- X & Z axis rapid traverse selection lever incorporated on the saddle @ 4.5m/min
- 400mm wide induction hardened heavy duty cast iron bed
- Removable gap bed allowing work piece to swing up to 900mm
- Cross slide handle disengages when auto feed is used
- Saddle hand wheel disengages when auto feed is used
- Adjustable clutch for auto feeds protects machine from overloading during machining
- Chuck guard fitted with safety micro switch
- Micro switch on side access door
- Powered longitudinal and cross feeds
- Metric / imperial calibrated feed dials
- Coolant system with flexible hose enabling flow control & direction
- Oil sight glass for head stock and gearbox & apron
- Lubrication pump on saddle oiling slides
- Low voltage halogen work light

- D1-8 camlock spindle for quick chuck removal
- 16 spindle speeds 25-1600rpm
- Large 105mm spindle bore
- 7.5kW / 10HP 415V main motor

### Includes

- Taper turning attachment
- 325mm 3-jaw chuck with reverse jaws
- 400mm 4-jaw chuck
- Face plate
- Fixed steady with roller bearings
- Travelling steady
- Dead centres
- Thread chasing dial
- Foot brake
- Coolant system
- Work light
- Rear splash guard
- Spindle reducing bush

### Specifications

<b>CODE</b>	L627D	<b>Cross Slide Travel</b>	368mm
<b>Model</b>	CL-100A	<b>Compound Slide Travel</b>	230mm
<b>Digital Readout System Fitted</b>	Yes	<b>Lead Screw</b>	Metric
<b>Quick Change Toolpost Fitted</b>	Yes	<b>Cross Feed Range (X-Axis)</b>	0.044-1.48mm/rev
<b>Leadscrew Covers Fitted</b>	~	<b>Longitudinal Feed Range (Z-Axis)</b>	0.022-0.74mm/rev
<b>Taper Turning Attachment</b>	Yes	<b>Metric Thread Steps &amp; Pitch Range</b>	54 (0.45-120mm)
<b>Tool Height To Suit</b>	25mm	<b>Imperial Thread Steps &amp; TPI Range</b>	54 (7/16-80TPI)
<b>Distance Between Centres</b>	2000mm	<b>3 Jaw Chuck Diameter</b>	325mm
<b>Swing Over Bed</b>	660mm	<b>4 Jaw Chuck Diameter</b>	400mm
<b>Swing Over Cross-slide</b>	440mm	<b>Spindle Steps / Speed Range</b>	16 (25-1600rpm)
<b>Swing In Gap</b>	900mm	<b>Motor Power</b>	7.5kW / 10hp
<b>Centre Height</b>	330mm	<b>Voltage</b>	415V
<b>Spindle Bore</b>	105mm	<b>Weight (nett)</b>	3400Kg
<b>Spindle Nose Size or Type</b>	D1-8 Camlock		
<b>Bed Width</b>	400mm		
<b>Headstock Spindle Taper</b>	7MT		
<b>Tailstock Taper</b>	5MT		