

## Product Brochure For L592

# Heavy Duty Centre Lathe - CW62100E

1000 x 5000mm Turning Capacity - 130mm Bore

Includes Taper Turning Attachment



|                                                 |                 |
|-------------------------------------------------|-----------------|
| ORDER CODE:                                     | L592            |
| MODEL:                                          | CW62100E        |
| Swing Over Bed (mm):                            | 1000            |
| Distance Between Centres (mm):                  | 5000            |
| Spindle Bore (mm):                              | 130             |
| Swing In Gap (mm):                              | 1230            |
| Swing Over Cross-slide (mm):                    | 720             |
| Digital Readout System Fitted:                  | Optional        |
| Quick Change Toolpost Fitted:                   | Optional        |
| Leadscrew Covers Fitted:                        | ~               |
| Taper Turning Attachment:                       | Yes             |
| Coolant System:                                 | Yes             |
| Tool Height To Suit (mm):                       | 32              |
| Centre Height (mm):                             | 500             |
| Spindle Nose Size or Type:                      | D1-11 Camlock   |
| Bed Width (mm):                                 | 550             |
| Headstock Spindle Taper (MT):                   | 1-20, 140       |
| Tailstock Taper (MT):                           | 6               |
| Cross Slide Travel (mm):                        | 530             |
| Compound Slide Travel (mm):                     | 200             |
| Leadscrew Type:                                 | Metric          |
| Metric Cross Feed (X-Axis) (mm/rev):            | 0.05 - 12.15    |
| Imperial Cross Feed (X-Axis) (inch/rev):        | ~               |
| Metric Longitudinal Feed (Z-Axis) (mm/rev):     | 0.1 - 24.3      |
| Imperial Longitudinal Feed (Z-Axis) (inch/rev): | ~               |
| Metric Thread Steps & Pitch (No. / mm):         | 52 (1 - 24)     |
| Imperial Thread Steps & TPI (No. / TPI):        | 26 (1 - 14)     |
| 3 Jaw Chuck Diameter (mm):                      | 400             |
| 4 Jaw Chuck Diameter (mm):                      | 630             |
| Spindle Steps / Speeds (No. / rpm):             | 18 (7.5 - 1000) |
| Motor Power (kW / hp):                          | 15 / 20         |
| Voltage / Amperage (V / amp):                   | 415             |
| Nett Weight (kg):                               | 12300           |

## Description

LARGER MODELS AVAILABLE UP TO 8000mm B.C.

## Features

- Taper turning attachment fitted to saddle
- Triple bearings supporting headstock spindle
- Adjustable taper roller bearings providing spindle accuracy
- Precision 'V'-beds & headstock gears are all hardened & ground
- Hydraulic forward and reversing clutch mechanism with auto braking system
- Overload protection on drive motor and coolant system
- Universal enclosed gearbox incorporating metric & imperial thread capabilities
- X & Z axis rapid traverse selection lever incorporated on the saddle @ 3.8m/min
- 550mm wide induction hardened heavy duty cast iron bed
- Removable gap bed allowing work piece to swing up to 1230mm
- Powered longitudinal and cross feeds
- Metric calibrated dials
- Coolant system with flexible hose enabling operator to manipulate flow direction
- Lubrication pump on saddle oiling slides
- Oil sight glass for head stock and gearbox & apron
- Slide out swarf trays accessible from rear of machine
- Low voltage halogen work light

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- Rack & pinion mechanism assists tail stock movement
- D1-11 camlock spindle for quick chuck removal
- Adjustable levelling pads
- 18 spindle speeds 7.5-1000rpm
- Large 130mm spindle bore
- 15kW / 20HP 415V main motor

### Includes

- Taper turning attachment
- 400mm 3-jaw chuck with reverse jaws
- 630mm 4-jaw chuck
- 800mm Face plate
- 20-160mm Follow rest
- 150-400mm Steady rest
- 250-600mm Extra steady rest
- Spindle reducing bush
- 2 x dead centres
- Coolant system

## Recommended Accessories

### L453

Lathe Turning Tool Kit - 3 piece  
 Insert Type



### L459

Lathe Threading Tool Kit - Insert  
 Type



### L467

Professional Lathe Parting Tool  
 Kit - Insert Type



### L297

Quick Change Toolpost



### L297A

Quick Change Toolpost Holder -  
 Std



### D1272

Metric 135° Precision HSS Drill  
 Set - 25 Piece



### D1282

Imperial 135° Precision HSS  
 Drill Set - 29 Piece



### D126

Metric 135° Precision HSS Drill  
 Set - 170 Pieces



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**C294**

Industrial Drill Chuck - Keyless Type



**D454A**

4MT x JT3 Drill Chuck Arbor



**D119**

Metric 2MT HSS Drill Set



**D424**

Drill Sleeve - Morse Taper



**D422**

Drill Sleeve - Morse Taper



**D425**

Drill Sleeve - Morse Taper



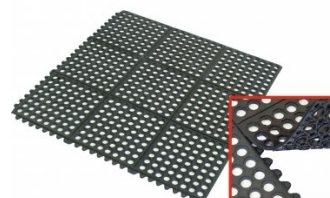
**M800**

Rubber Mat - Anti-Fatigue



**M805**

Rubber Mat - Anti-Fatigue



**S090A**

Soluble Metal Cutting Fluid - 1 Litre



**S090**

Soluble Metal Cutting Fluid - 5 Litre



**S076**

Cutting Tool Lubricant Fluid - 500ml



**S077**

Drilling, Tapping & Cutting Tool Lubricant Spray - 400g



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S075

Cutting Tool Lubricant Paste -  
200g



S074

Cutting Tool Lubricant Paste -  
500g



O000

SpillFix Universal Organic  
Absorbent



O043

Rust & Corrosion Preventive



O042

General Purpose Lubricant &  
Corrosion Inhibitor



O040

Rust & Corrosion Preventive



O044

Rust & Corrosion Preventive

