

## Product Brochure For L665D

### Centre Lathe - CK-100A

660 x 2000mm Turning Capacity - 105mm Bore

Includes Digital Readout System, Quick Change Toolpost & Taper Turning Attachment



|                                                 |                |
|-------------------------------------------------|----------------|
| ORDER CODE:                                     | L665D          |
| MODEL:                                          | CK-100         |
| Swing Over Bed (mm):                            | 660            |
| Distance Between Centres (mm):                  | 2000           |
| Spindle Bore (mm):                              | 105            |
| Swing In Gap (mm):                              | 870            |
| Swing Over Cross-slide (mm):                    | 420            |
| Digital Readout System Fitted:                  | Yes            |
| Quick Change Toolpost Fitted:                   | Yes            |
| Leadscrew Covers Fitted:                        | ~              |
| Taper Turning Attachment:                       | Yes            |
| Coolant System:                                 | Yes            |
| Tool Height To Suit (mm):                       | 25             |
| Centre Height (mm):                             | 330            |
| Spindle Nose Size or Type:                      | D1-8 Camlock   |
| Bed Width (mm):                                 | 405            |
| Headstock Spindle Taper (MT):                   | 7              |
| Tailstock Taper (MT):                           | 5              |
| Cross Slide Travel (mm):                        | 360            |
| Compound Slide Travel (mm):                     | 145            |
| Leadscrew Type:                                 | Metric         |
| Metric Cross Feed (X-Axis) (mm/rev):            | 0.027 - 1.07   |
| Imperial Cross Feed (X-Axis) (inch/rev):        | ~              |
| Metric Longitudinal Feed (Z-Axis) (mm/rev):     | 0.063 - 2.52   |
| Imperial Longitudinal Feed (Z-Axis) (inch/rev): | ~              |
| Metric Thread Steps & Pitch (No. / mm):         | 22 (1 - 14)    |
| Imperial Thread Steps & TPI (No. / TPI):        | 28 (2 - 26)    |
| 3 Jaw Chuck Diameter (mm):                      | 325            |
| 4 Jaw Chuck Diameter (mm):                      | 400            |
| Spindle Steps / Speeds (No. / rpm):             | 12 (36 - 1600) |
| Motor Power (kW / hp):                          | 9 / 12         |
| Voltage / Amperage (V / amp):                   | 415            |
| Nett Weight (kg):                               | 3200           |

### Features

- 2 Axis digital readout system
- Quick change toolpost
- 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
- Multiple discs forward and reversing clutch system
- adjustable feed stop system with 6 individual sliding stops
- 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
- 405mm wide induction hardened heavy duty cast iron bed
- Removable gap bed allowing work piece to swing up to 870mm
- 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 calibrated feed dials
- Coolant system with flexible hose enabling operator to manipulate flow direction

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- 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
- 12 spindle speeds 36-1600rpm
- Large 105mm spindle bore
- 9kW / 12HP 415V main motor

### Includes

- 2 Axis digital readout system
- Quick change toolpost
- Taper turning attachment fitted to saddle
- 325mm 3-jaw chuck with reverse jaws
- 400mm 4-jaw chuck
- Face plate
- Fixed steady
- Travelling steady
- Dead centres
- Thread chasing dial
- Foot brake
- Coolant system
- Work light
- Chuck guard
- Rear splash guard
- Spindle reducing bush

### Specific Features



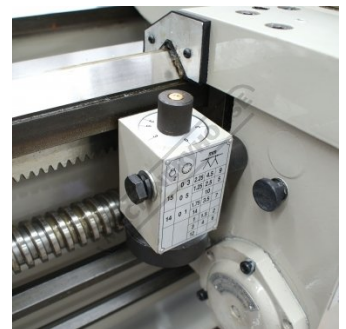
Chuck Guard



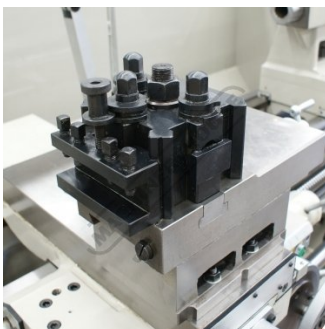
Headstock controls



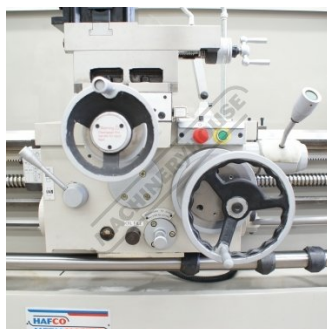
2 Axis digital readout system



Thread Chasing Dial



Quick change toolpost



Saddle controls



Taper Adjustment on Compound Slide



Rapid Traverse Selection Lever on Saddle

## Product Brochure For L665D



Induction Hardened Bedways



Heavy duty tailstock



Footbrake



Worklight and Coolant System



Thread Charts

## Recommended Accessories

A358

Sky Hook Lifting Device

A358A

Chuck Hook

G664

Lathe Leadscrew Cover Kit

L300

Magnetic Swarf Remover



## Product Brochure For L665D

**M9991**

Magnetic Floor Sweeper



**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



**C294**

Industrial Drill Chuck - Keyless Type



**D454A**

4MT x JT3 Drill Chuck Arbor Type



**D119**

Metric 2MT HSS Drill Set



Product Brochure For L665D

D424

Drill Sleeve - Morse Taper



D422

Drill Sleeve - Morse Taper



D425

Drill Sleeve - Morse Taper



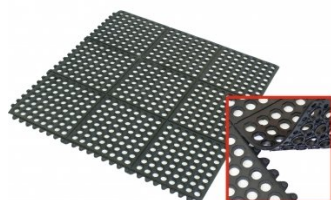
M800

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



S075

Cutting Tool Lubricant Paste - 200g



S074

Cutting Tool Lubricant Paste - 500g



O000

SpillFix Universal Organic Absorbent



## Product Brochure For L665D

O043

Rust & Corrosion Preventive



O042

General Purpose Lubricant & Corrosion Inhibitor



O040

Rust & Corrosion Preventive



O044

Rust & Corrosion Preventive

