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Product Brochure For L662D

Centre Lathe - CK-80

500 x 2000mm Turning Capacity - 80mm Spindle Bore
Includes Digital Readout System, Quick Change Toolpost & Taper Turning Attachment



ORDER CODE:	L662D
MODEL:	CK-80
Swing Over Bed (mm):	500
Distance Between Centres (mm):	2000
Spindle Bore (mm):	80
Swing In Gap (mm):	720
Swing Over Cross-slide (mm):	310
Digital Readout System Fitted:	Yes
Quick Change Toolpost Fitted:	Yes
Leadscrew Covers Fitted:	Yes
Taper Turning Attachment:	Yes
Coolant System:	Yes
Tool Height To Suit (mm):	25
Centre Height (mm):	250
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):	310
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 - 28)
3 Jaw Chuck Diameter (mm):	315
4 Jaw Chuck Diameter (mm):	350
Spindle Steps / Speeds (No. / rpm):	12 (36 - 1600)
Motor Power (kW / hp):	9 / 12
Voltage / Amperage (V / amp):	415
Nett Weight (kg):	3400

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 720mm
- Cross slide handle disengages when auto feed is used
- Saddle hand wheel disengages when auto feed is used
- Adjustable 4 position length-stop mechanism for accurate repetitive operation
- 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

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- Coolant system with flexible hose enabling operator to manipulate flow 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
- 12 spindle speeds 36-1600rpm
- Large 80mm spindle bore
- 9kW / 12HP 415V main motor

Includes

- 2 Axis digital readout system
- Quick change toolpost
- Taper turning attachment fitted to saddle
- Leadscrew cover
- 315mm 3-jaw chuck with reverse jaws
- 350mm 4-jaw chuck
- Faceplate
- Fixed Steady
- Travelling steady
- Dead centres
- Thread chasing dial
- Foot brake
- Coolant system
- Work light
- Chuck guard
- Rear splash guard
- Spindle reducing bush

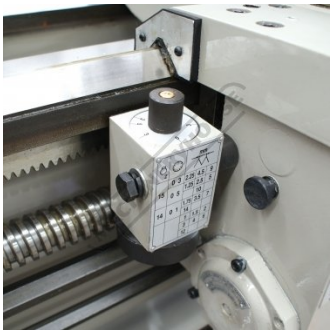
Specific Features

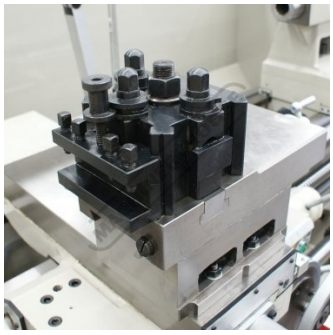

2 Axis digital readout system

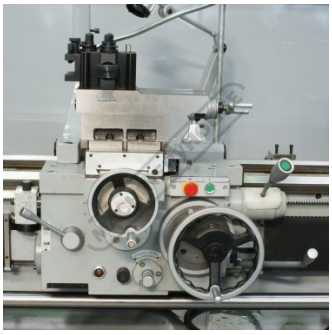

Chuck Guard



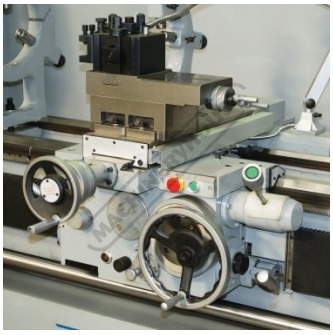
Headstock controls


Thread Chasing Dial


Quick change toolpost

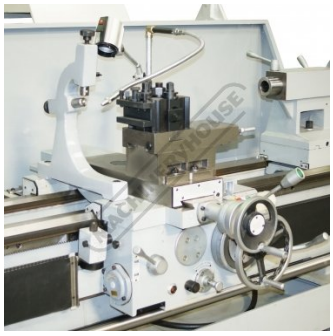

Saddle Controls

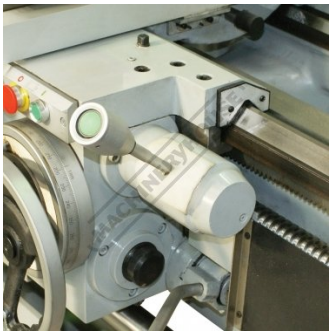

Leadscrew Covers


Saddle Right View

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Product Brochure For L662D


Saddle Left View


Rapid Traverse Selection Lever on Saddle


Induction Hardened Bedways


Worklight and Coolant System


Thread Charts


Taper Adjustment on Compound Slide


Heavy duty tailstock


Footbrake

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









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Product Brochure For L662D

L297A
Quick Change Toolpost Holder - Std



D1272
Metric 135º Precision HSS M35 COBALT Drill Set - 25 Piece



D1282
Imperial 135º Precision HSS M35 COBALT Drill Set - 29 Piece



D126
Metric 135º Precision HSS M35 COBALT Drill Set - 170 Pieces



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



S090A
Soluble Metal Cutting Fluid - 1 Litre



S090
Soluble Metal Cutting Fluid - 5 Litre



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Product Brochure For L662D

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



G664
Lathe Leadscrew Cover Kit



A358
Sky Hook Lifting Device



A358A
Chuck Hook



L300
Magnetic Swarf Remover



M9991
Magnetic Floor Sweeper



M800
Rubber Mat - Anti-Fatigue



M805
Rubber Mat - Anti-Fatigue



O000
SpillFix Universal Organic Absorbent



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Product Brochure For L662D

O043
Rust & Corrosion Preventive



O042
General Purpose Lubricant & Corrosion Inhibitor



O040
Rust & Corrosion Preventive



O044
Rust & Corrosion Preventive

