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Product Brochure For L666D

Centre Lathe - CK-100

660 x 3000mm Turning Capacity - 105mm Bore
Includes Digital Readout System, Quick Change Toolpost & Taper Turning Attachment



ORDER CODE:	L666D
MODEL:	CK-100
Swing Over Bed (mm):	660
Distance Between Centres (mm):	3000
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:	Yes
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):	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):	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):	4400

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
- Leadscrew Cover
- 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

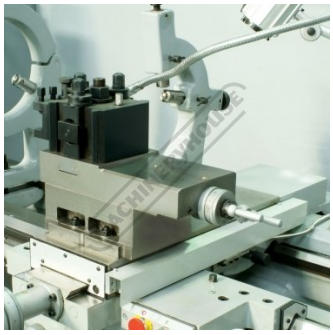
Specific Features

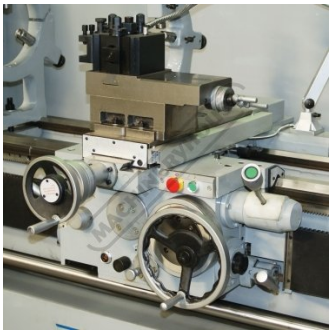

Digital Read Out

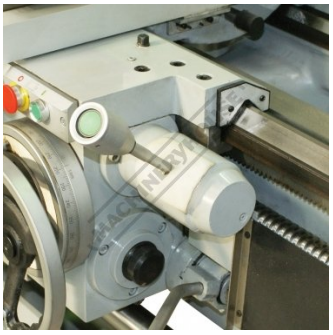

Safety Chuck Guard

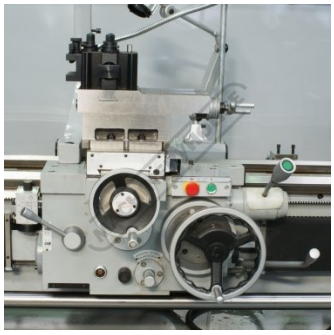

Induction Hardened Bedways


Leadscrew Covers


Compound Slide

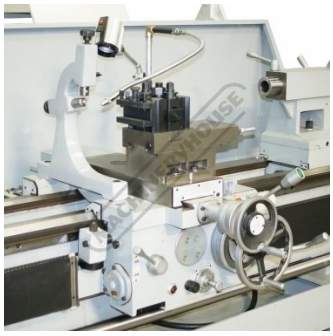

Saddle Right View

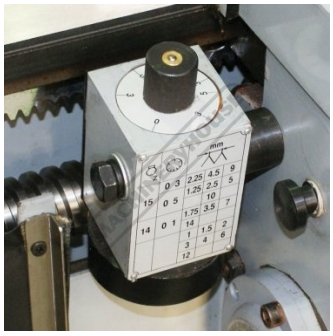

Rapid Traverse Selection Lever on Saddle


Saddle Controls

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Product Brochure For L666D


Saddle Left View


Thread Chasing Dial


Feed Stop System

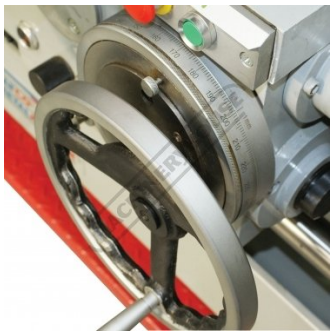

Fixed Steady

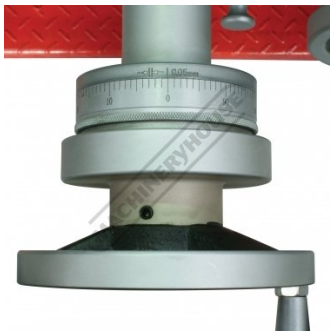

Travelling Steady


Foot Brake


Tailstock


Tailstock Quill

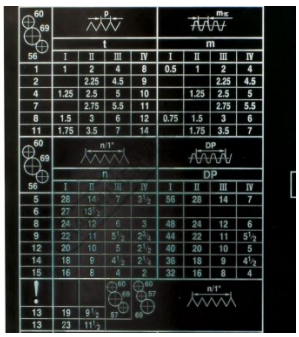

Saddle Hand Wheel

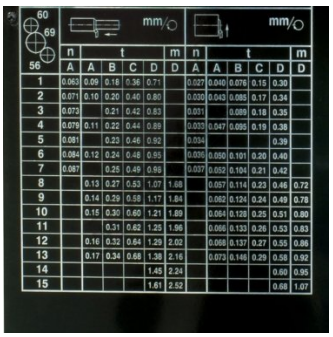

Cross Slide Hand Wheel


Tailstock Hand Wheel


Taper Turning Attachment


Taper Turning Attachment Angle


Thread Chart


Feed Chart

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Recommended Accessories

A358
Sky Hook Lifting Device



A358A
Chuck Hook



G666
Lathe Leadscrew Cover Kit



L300
Magnetic Swarf Remover



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



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Product Brochure For L666D

L297
Quick Change Toolpost



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



M800
Rubber Mat - Anti-Fatigue



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Product Brochure For L666D

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



O043
Rust & Corrosion Preventive



O042
General Purpose Lubricant & Corrosion Inhibitor



O040
Rust & Corrosion Preventive



O044
Rust & Corrosion Preventive

