

Product Brochure For L628D

Centre Lathe - CL-100A

Ø660 x 3000mm Turning Capacity - Ø105mm Spindle Bore
 Includes Digital Readout System, Quick Change Toolpost & Taper Turning Attachment

On Sale

Ex GST	Inc GST
\$32,950.00	\$36,245.00
\$31,450.00	\$34,595.00

105mm Bore & 400mm Wide Bed



ORDER CODE:	L628D
MODEL:	CL-100A
Swing Over Bed (mm):	660
Distance Between Centres (mm):	3000
Spindle Bore (mm):	105
Swing In Gap (mm):	900
Swing Over Cross-slide (mm):	440
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):	400
Headstock Spindle Taper (MT):	7
Tailstock Taper (MT):	5
Cross Slide Travel (mm):	368
Compound Slide Travel (mm):	230
Leadscrew Type:	Metric
Metric Cross Feed (X-Axis) (mm/rev):	0.044 - 1.48
Imperial Cross Feed (X-Axis) (inch/rev):	~
Metric Longitudinal Feed (Z-Axis) (mm/rev):	0.022 - 0.74
Imperial Longitudinal Feed (Z-Axis) (inch/rev):	~
Metric Thread Steps & Pitch (No. / mm):	54 (0.45 - 120)
Imperial Thread Steps & TPI (No. / TPI):	54 (7/16 - 80)
3 Jaw Chuck Diameter (mm):	315 (100mm bore)
4 Jaw Chuck Diameter (mm):	400
Spindle Steps / Speeds (No. / rpm):	16 (25 - 1600)
Motor Power (kW / hp):	7.5 / 10
Voltage / Amperage (V / amp):	415
Nett Weight (kg):	3700



Features

- 2 Axis digital readout system
- Taper turning attachment fitted to saddle
- Triple bearings supporting headstock spindle
- Spindle clutch to allow operator to switch between forward & reverse without shutting motor down
- Quick change toolpost with additional holders
- Adjustable taper roller bearings providing spindle accuracy
- Precision 'V'-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
- Adjustable micro saddle length stop for repetition work
- Cross slide handle disengages when auto feed is used

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- 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 LED 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

- 2 Axis digital readout system
- Taper turning attachment
- Leadscrew covers
- 315mm 3-jaw chuck with reverse jaws & 100mm bore
- 400mm 4-jaw chuck
- Face plate
- Ø20 - Ø190mm fixed steady with roller bearings
- Ø190 - Ø380mm fixed steady with roller bearings
- Travelling steady
- Dead centres
- Thread chasing dial
- Foot brake
- Coolant system
- LED Work light
- Rear splash guard
- Spindle reducing bush

Specific Features



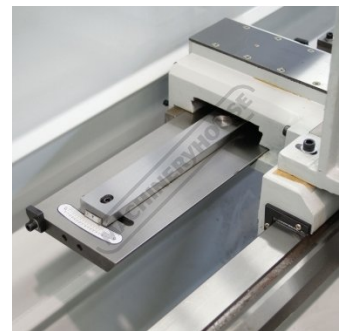
Front View



Digital Readout



Quick Change Toolpost



Taper Turning Attachment



Leadscrew Covers



Rapid Traverse Selection Lever On Saddle



Head Stock



Spindle Speed Controls

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Spindle Speeds



Gearbox Controls



Feed Charts



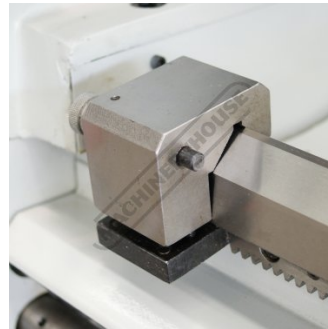
Thread Charts



Chuck Guard



Removable Bed



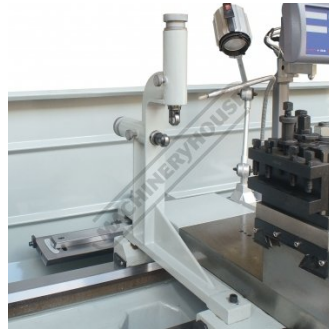
Micro Adjustable Saddle Stop



Ground and Hardened Bed



3 Point Fixed Steady



2 Point Travelling Steady



Foot Brake



Saddle Left View



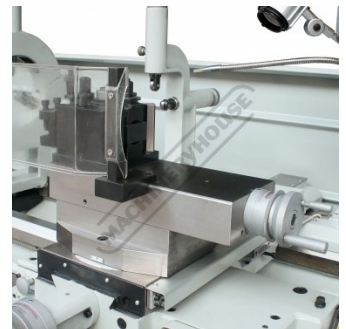
Saddle Front View



Saddle Right View



Coolant Nozzle and LED Work Light

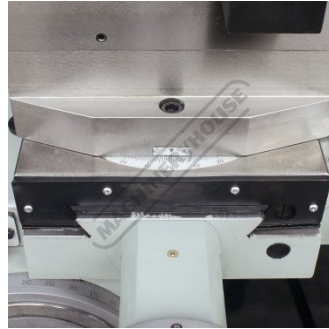


Compound Slide

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Compound Slide Dial



Compound Slide Angle Scale



Cross Slide Dial



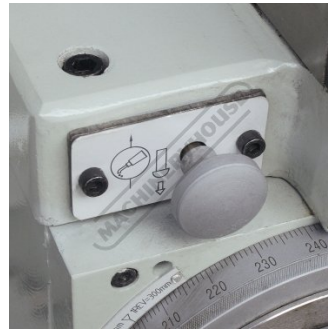
Power Control Panel On Saddle



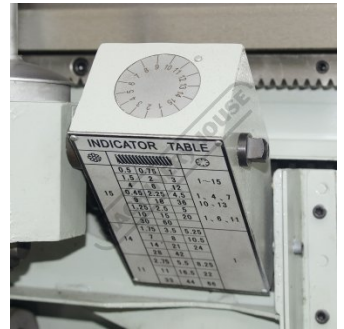
Saddle Hand Wheel



Saddle Dial



One Shot Lubrication



Thread Chasing Dial



Spindle Engage Lever



Tailstock



Tailstock Rear View

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Recommended Accessories

L296
Quick Change Toolpost



L048
Right Hand Turning Tool Holder



L049
Left Hand Turning Tool Holder



L041
Right Hand Turning Tool Holder



L042
Left Hand Turning Tool Holder



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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C047
 5MT Pipe Centre - 70° Cone



C290
 Heavy Duty Drill Chuck - Keyed Type



C294
 Industrial Drill Chuck - Keyless Type



D454A
 4MT x JT3 Drill Chuck Arbor



D425
 Drill Sleeve - Morse Taper



D424
 Drill Sleeve - Morse Taper



D422
 Drill Sleeve - Morse Taper



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



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S074
 Cutting Tool Lubricant Paste -
 500g



S091
 Soluble Metal Cutting Fluid - 20
 Litre



G666
 Lathe Leadscrew Cover Kit



A358
 Sky Hook Lifting Device



A358A
 Chuck Hook



L300
 Magnetic Swarf Remover



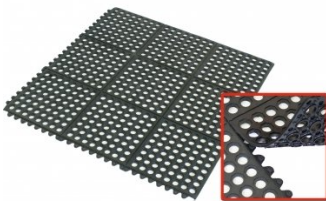
M9991
 Magnetic Floor Sweeper



M800
 Rubber Mat - Anti-Fatigue



M805
 Rubber Mat - Anti-Fatigue



O000
 SpillFix Universal Organic
 Absorbent



O043
 Rust & Corrosion Preventive



O042
 General Purpose Lubricant &
 Corrosion Inhibitor



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O040

Rust & Corrosion Preventive

O044

Rust & Corrosion Preventive

