

Product Brochure For L627D

Centre Lathe - CL-100A

Ø660 x 2000mm Turning Capacity - Ø105mm Spindle Bore
 Includes Digital Readout System, Quick Change Toolpost & Taper Turning Attachment

On Sale

| | |
|--------------------|--------------------|
| Ex GST | Inc GST |
| \$29,250.00 | \$32,175.00 |
| \$27,950.00 | \$30,745.00 |

105mm Bore & 400mm Wide Bed



| | |
|---|------------------|
| ORDER CODE: | L627D |
| MODEL: | CL-100A |
| Swing Over Bed (mm): | 660 |
| Distance Between Centres (mm): | 2000 |
| 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): | 3400 |



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



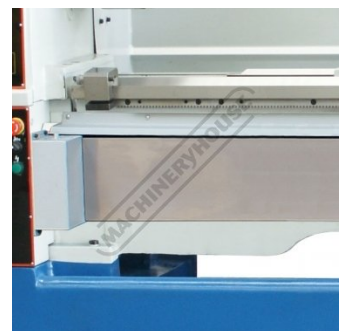
Digital Readout



Quick Change Toolpost



Taper Turning Attachment



Leadscrew Covers



Rapid Traverse Selection Lever On Saddle



Head Stock



Spindle Speed Controls



Spindle Speeds

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Gearbox Controls



Feed Charts



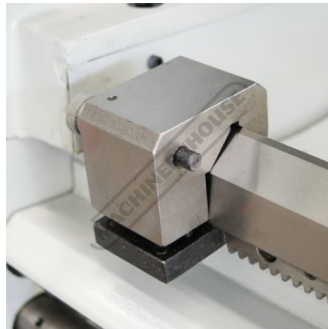
Thread Charts



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



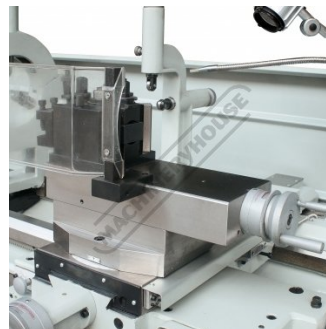
Saddle Front View



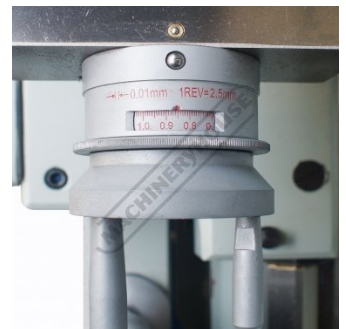
Saddle Right View



Coolant Nozzle and LED Work Light



Compound Slide



Compound Slide Dial

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Compound Slide Angle Scale



Cross Slide Dial



Power Control Panel On Saddle



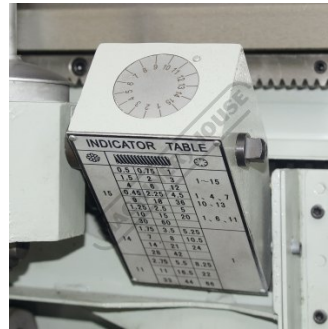
Saddle Hand Wheel



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



G664
 Lathe Leadscrew Cover Kit



L300
 Magnetic Swarf Remover



M9991
 Magnetic Floor Sweeper



A358
 Sky Hook Lifting Device



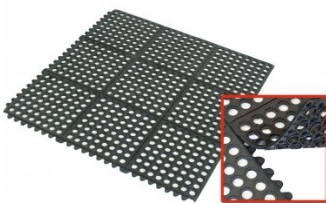
A358A
 Chuck Hook



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

