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Product Brochure For L597

Heavy Duty Centre Lathe - CW61140M

1400 x 5000mm Turning Capacity - 130mm Bore



ORDER CODE:	L597
MODEL:	CW61140M
Swing Over Bed (mm):	1400
Distance Between Centres (mm):	5000
Spindle Bore (mm):	130 (Optional 160)
Swing In Gap (mm):	~
Swing Over Cross-slide (mm):	1030
Digital Readout System Fitted:	Optional
Quick Change Toolpost Fitted:	Optional
Leadscrew Covers Fitted:	~
Taper Turning Attachment:	~
Coolant System:	Yes
Tool Height To Suit (mm):	45
Centre Height (mm):	700
Spindle Nose Size or Type:	A2-15 Camlock
Bed Width (mm):	750
Headstock Spindle Taper (MT):	1-20, 140
Tailstock Taper (MT):	6MT with Reducer Sleeve
Cross Slide Travel (mm):	725
Compound Slide Travel (mm):	300
Leadscrew Type:	Metric
Metric Cross Feed (X-Axis) (mm/rev):	0.1 - 12
Imperial Cross Feed (X-Axis) (inch/rev):	~
Metric Longitudinal Feed (Z-Axis) (mm/rev):	0.05 - 6
Imperial Longitudinal Feed (Z-Axis) (inch/rev):	~
Metric Thread Steps & Pitch (No. / mm):	44 (1 - 120)
Imperial Thread Steps & TPI (No. / TPI):	31 (1/4 - 28)
3 Jaw Chuck Diameter (mm):	~
4 Jaw Chuck Diameter (mm):	1400
Spindle Steps / Speeds (No. / rpm):	21 (3.15 - 315)
Motor Power (kW / hp):	22 / 30
Voltage / Amperage (V / amp):	415
Nett Weight (kg):	15500

Description

Available from 1500 to 8000mm Between Centres

Features

- Triple bearings supporting headstock spindle
- Adjustable taper roller bearings providing spindle accuracy
- Precision 'V'-beds & headstock gears are all hardened & ground
- Hydraulic forward and reversing clutch mechanism with auto braking system
- Overload protection on drive motor and coolant system
- Universal enclosed gearbox incorporating metric & imperial thread capabilities
- X & Z axis rapid traverse selection lever incorporated on the saddle @ 3.8m/min
- 750mm wide induction hardened heavy duty cast iron bed
- Powered longitudinal and cross feeds
- Powered compound slide feed
- Metric calibrated dials
- Coolant system with flexible hose enabling operator to manipulate flow direction
- Lubrication pump on saddle oiling slides
- Oil sight glass for head stock and gearbox & apron
- Slide out swarf trays accessible from rear of machine
- Low voltage halogen work light
- Rack & pinion mechanism assists tail stock movement
- 1-20, 140mm spindle nose

- Adjustable levelling pads
- 21 spindle speeds 3.15-315rpm
- Large 130mm spindle bore
- 22kW / 30HP 415V main motor

Includes

- 1400mm 4-jaw faceplate chuck
- 50-230mm Follow rest
- 50-470mm Steady rest
- Spindle reducing bush
- 2 x dead centres
- Live centre
- Coolant system
- Work light
- Spindle reducing bush

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



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



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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



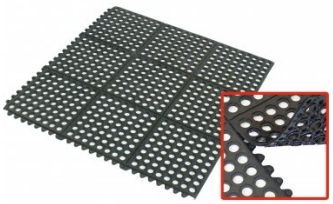
D425
Drill Sleeve - Morse Taper



M800
Rubber Mat - Anti-Fatigue



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



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Product Brochure For L597

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

