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Product Brochure For L590

Heavy Duty Centre Lathe - CW62100E

1000 x 3000mm Turning Capacity - 130mm Bore
Includes Taper Turning Attachment



ORDER CODE:	L590
MODEL:	CW62100E
Swing Over Bed (mm):	1000
Distance Between Centres (mm):	3000
Spindle Bore (mm):	130
Swing In Gap (mm):	1230
Swing Over Cross-slide (mm):	720
Digital Readout System Fitted:	Optional
Quick Change Toolpost Fitted:	Optional
Leadscrew Covers Fitted:	~
Taper Turning Attachment:	Yes
Coolant System:	Yes
Tool Height To Suit (mm):	32
Centre Height (mm):	500
Spindle Nose Size or Type:	D1-11 Camlock
Bed Width (mm):	550
Headstock Spindle Taper (MT):	1-20, 140
Tailstock Taper (MT):	6
Cross Slide Travel (mm):	530
Compound Slide Travel (mm):	200
Leadscrew Type:	Metric
Metric Cross Feed (X-Axis) (mm/rev):	0.05 - 12.15
Imperial Cross Feed (X-Axis) (inch/rev):	~
Metric Longitudinal Feed (Z-Axis) (mm/rev):	0.1 - 24.3
Imperial Longitudinal Feed (Z-Axis) (inch/rev):	~
Metric Thread Steps & Pitch (No. / mm):	52 (1 - 24)
Imperial Thread Steps & TPI (No. / TPI):	26 (1 - 14)
3 Jaw Chuck Diameter (mm):	400
4 Jaw Chuck Diameter (mm):	630
Spindle Steps / Speeds (No. / rpm):	18 (7.5 - 1000)
Motor Power (kW / hp):	15 / 20
Voltage / Amperage (V / amp):	415
Nett Weight (kg):	7550

Description

LARGER MODELS AVAILABLE UP TO 8000mm B.C.

Features

- 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
- 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
- 550mm wide induction hardened heavy duty cast iron bed
- Removable gap bed allowing work piece to swing up to 1230mm
- Powered longitudinal and cross feeds
- 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
- D1-11 camlock spindle for quick chuck removal
- Adjustable levelling pads
- 18 spindle speeds 7.5-1000rpm
- Large 130mm spindle bore
- 15kW / 20HP 415V main motor

Includes

- Taper turning attachment
- 400mm 3-jaw chuck with reverse jaws
- 630mm 4-jaw chuck
- 800mm Face plate
- 20-160mm Follow rest
- 150-400mm Steady rest
- 250-600mm Extra steady rest
- Thread chasing dial
- Spindle reducing bush
- 2 x dead centres
- Coolant system

Recommended Accessories

G666
Lathe Leadscrew Cover Kit



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



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Product Brochure For L590

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



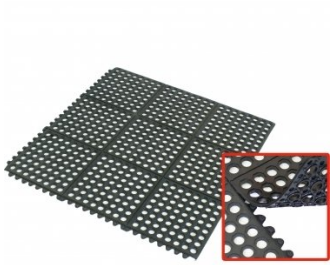
D425
Drill Sleeve - Morse Taper



M800
Rubber Mat - Anti-Fatigue



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



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Product Brochure For L590

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

