

Product Brochure For L251D

Centre Lathe - CHAMPION

390 x 762mm Turning Capacity

Includes Digital Readout System & Quick Change Toolpost



ESCO



ORDER CODE:	L251D
MODEL:	CHAMPION
Swing Over Bed (mm):	390
Distance Between Centres (mm):	762
Spindle Bore (mm):	55
Swing In Gap (mm):	~
Swing Over Cross-slide (mm):	240
Digital Readout System Fitted:	Yes
Quick Change Toolpost Fitted:	Yes
Leadscrew Covers Fitted:	~
Taper Turning Attachment:	~
Coolant System:	Yes
Tool Height To Suit (mm):	25
Centre Height (mm):	195
Spindle Nose Size or Type:	D1-6 Camlock
Bed Width (mm):	270
Headstock Spindle Taper (MT):	6
Tailstock Taper (MT):	4
Cross Slide Travel (mm):	230
Compound Slide Travel (mm):	120
Leadscrew Type:	Metric
Metric Cross Feed (X-Axis) (mm/rev):	0.020 - 0.50
Imperial Cross Feed (X-Axis) (inch/rev):	~
Metric Longitudinal Feed (Z-Axis) (mm/rev):	0.040 - 1.00
Imperial Longitudinal Feed (Z-Axis) (inch/rev):	~
Metric Thread Steps & Pitch (No. / mm):	39(0.2 - 14)
Imperial Thread Steps & TPI (No. / TPI):	40(2 - 72)
3 Jaw Chuck Diameter (mm):	250
4 Jaw Chuck Diameter (mm):	250
Spindle Steps / Speeds (No. / rpm):	16 (25 - 2000)
Motor Power (kW / hp):	5.5 / 7.5
Voltage / Amperage (V / amp):	415
Nett Weight (kg):	1500

Features

- 2 axis digital readout system
- Quick change toolpost with additional holders
- Precision Taiwanese machine, sold for over 34 years
- Adjustable taper roller bearings providing spindle accuracy
- Precision 'V'-beds & headstock gears are all hardened & ground
- Chuck guard with safety micro switch cut out
- Overload protection on drive motor and coolant system
- Universal enclosed gearbox incorporating metric & imperial thread capabilities
- Inching button incorporated on the control panel for convenient spindle speed selection
- Foot operated spindle brake with safety cut out switch
- 270mm wide induction hardened heavy duty cast iron bed
- Powered longitudinal and cross feeds
- Clutch in apron enabling pressure adjustment for feeding in both axis
- Dual calibrated dials incorporating metric & imperial graduations
- Coolant system with flexible hose enabling operator to manipulate flow direction
- Oil sight glass for head stock and gearbox
- Low voltage halogen work light
- Lubrication pump on saddle oiling slides
- Change gears for metric and imperial thread cutting
- D1-6 camlock spindle for quick chuck removal
- 16 spindle speeds from 25-2000rpm in geometric progression
- Large 55mm spindle bore

Product Brochure For L251D

- 5.5kW / 7.5HP 415V main motor

Includes

- 2 axis digital readout system
- Quick change toolpost with additional holders
- 250mm 3-jaw chuck with reverse jaws
- 250mm 4-jaw chuck
- Faceplate
- Fixed Steady with roller bearings
- Travelling steady with roller bearings
- Chuck guard
- Travelling toolpost guard
- Dead centres
- Thread chasing dial
- Foot brake
- Coolant system
- Work light
- Rear splash guard
- Spindle reducing bush
- Instruction booklet

Specific Features



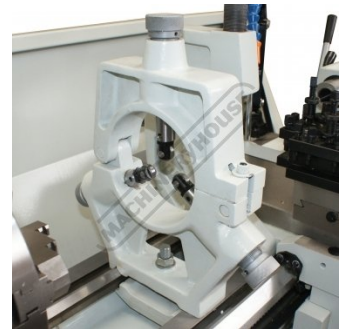
Speed change lever system



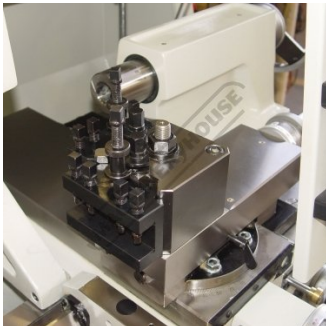
Headstock controls



2 Axis digital readout system



Fixed & travelling steadies with roller bearings



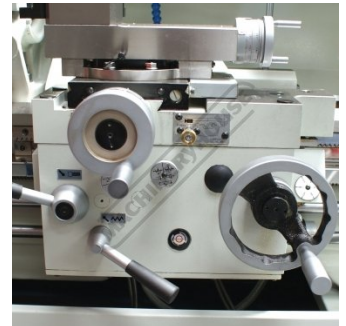
Quick change toolpost with additional holders



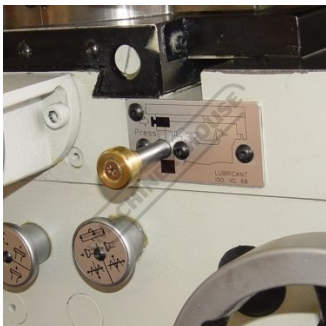
Dual calibrated dial on Handle



Thread Chasing Dial



Saddle controls



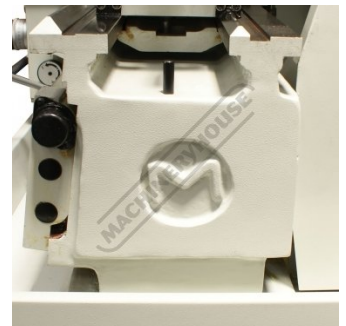
Lubrication pump for slide



Heavy duty tailstock



Worklight & Coolant System



High quality one piece Meehanite cast base increases rigidity

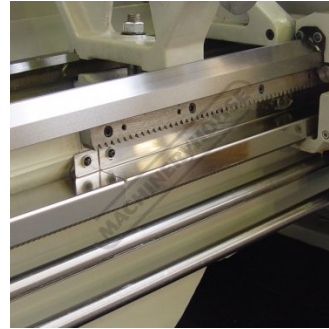
Product Brochure For L251D



Slide out tray for easy cleaning



Footbrake



Leadscrew covers

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

C054

4MT Live Centre



D1272

Metric 135° Precision HSS Drill
 Set - 25 Piece

D1282

Imperial 135° Precision HSS
 Drill Set - 29 Piece

D126

Metric 135° Precision HSS Drill
 Set - 170 Pieces

C294

Industrial Drill Chuck - Keyless
 Type



Product Brochure For L251D

D454A
 4MT x JT3 Drill Chuck Arbor



D119
 Metric 2MT HSS Drill Set



D424
 Drill Sleeve - Morse Taper



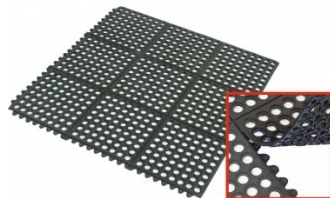
D422
 Drill Sleeve - Morse Taper



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



S075
 Cutting Tool Lubricant Paste - 200g



S074
 Cutting Tool Lubricant Paste - 500g



Product Brochure For L251D

O000
 SpillFix Universal Organic
 Absorbent



O043
 Rust & Corrosion Preventive



O042
 General Purpose Lubricant &
 Corrosion Inhibitor



O040
 Rust & Corrosion Preventive



O044
 Rust & Corrosion Preventive

