

Product Brochure For L630D

TM-1730G Centre Lathe - with Digital Readout System - Schools / TAFE

430 x 762mm Turning Capacity

Please Call



| | |
|------------------------------------|-------------------------|
| ORDER CODE: | L630D |
| NSW DOE Item No.: | ~ |
| QLD DOE Item No.: | ~ |
| MODEL: | Schools/TAFE TM-1730G & |
| Digital Readout: | Yes |
| Tool To Suit (mm): | 25 |
| Distance Between Centres (mm): | 762 |
| Swing Over Bed (mm): | 430 |
| Swing Over Gap (mm): | 650 |
| Swing Over Cross-slide (mm): | 235 |
| Centre Height (mm): | 215 |
| Spindle Bore (mm): | Ø58 |
| Camlock Spindle Size: | D1-6 |
| Bed Width (mm): | 300 |
| Head Stock Spindle Taper (MT): | 6 |
| Tail Stock Taper (MT): | 4 |
| Cross Slide Travel (mm): | 250 |
| Compound Slide Travel (mm): | 125 |
| Lead Screw: | Metric |
| Cross Feed (mm/rev): | 0.02 - 0.4 |
| Longitudinal Feed (mm/rev): | 0.05 - 0.82 |
| Metric Thread Range (No. / mm): | 17 (0.5 - 7) |
| Imperial Thread Range (No. / TPI): | 39 (4 - 56) |
| 3 Jaw Chuck Diameter (mm): | Ø230 |
| 4 Jaw Chuck Diameter (mm): | Ø250 |
| Spindle Steps/speeds (No. / RPM): | 12 / 20-2000 |
| Motor Power (kW / hp): | 3.75 / 5 |
| Voltage / Amperage (V / amp): | 415 |
| Nett Weight (kg): | 1650 |



Description

Manufactured in Taiwan

We for many years have been working in close consultation with the education departments to ensure the most suitable equipment is provided to our schools and TAFE, not only does it comply with the departments stringent safety requirements but is built to last the distance. That's why we consider our company to be a specialist when it comes to supplying quality Wood Work and Metal Working Machinery for Public or Private Schools, TAFE Colleges and Trade Training Centres in all states of Australia.

The TM-1730G is manufactured in Taiwan with all the safety features needed to comply with the education department. This machine has the following safety features such as leadscrew cover, Chuck guard with micro switch, travelling toolpost guard, micro switch fitted to side access door and emergency foot brake making this machine superior in safety to protect the learning and developing students.

Features

- 2 axis digital readout system
- Triple bearings supporting headstock spindle
- Adjustable taper roller bearings providing spindle accuracy
- Precision 'V'-beds & headstock gears are all hardened & ground
- High quality one-piece Meehanite cast base increases rigidity
- Chuck guard with safety micro switch cut out
- Travelling toolpost guard deflects swarf into tray
- Quick change toolpost with additional holders
- Leadscrew cover ensures swarf not reaching clasp nut
- 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
- 300mm wide induction hardened heavy duty cast iron bed
- Removable gap bed allowing work piece to swing up to 650mm
- Powered longitudinal and cross feeds

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- Adjustable 4 position length-stop mechanism for accurate repetitive operation
- Dual calibrated dials incorporating metric & imperial graduations
- Coolant system with flexible hose enabling operator to manipulate flow direction
- Oil sight glass for head stock, gearbox and apron
- LED Work light
- Lubrication pump on saddle oiling slides
- D1-6 camlock spindle for quick chuck removal
- 12 Spindle speeds from 40 - 2000rpm
- 58mm spindle bore
- 3.75kW / 5HP 415V main motor

Includes

- 230mm 3-jaw chuck with reverse jaws
- 250mm 4-jaw chuck
- Faceplate
- Fixed Steady with roller bearings
- Travelling steady with roller bearings
- 4-position knock out feed system
- Chuck guard
- Travelling toolpost guard
- Dead centres
- Thread chasing dial
- Foot brake
- Coolant system
- LED Work light
- Rear splash guard
- Spindle reducing bush
- Instruction booklet

Specific Features



Safety Chuck Guard



Headstock Controls



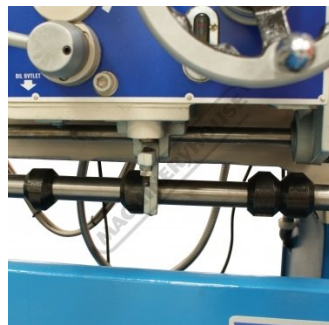
Dual calibrated dial on Handle



Thread Chasing Dial



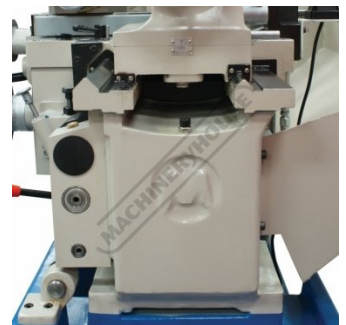
Fixed & travelling steadies with roller bearings



Adjustable 4 position length stop mechanism for accurate repetitive operation



Footbrake



High quality one piece Meehanite cast base increases rigidity

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Quick change toolpost



2 Axis digital readout system



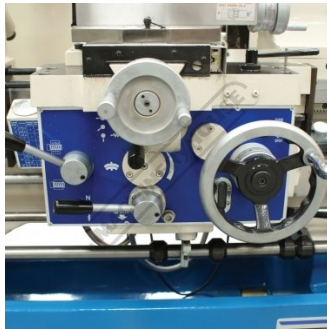
Leadscrew covers



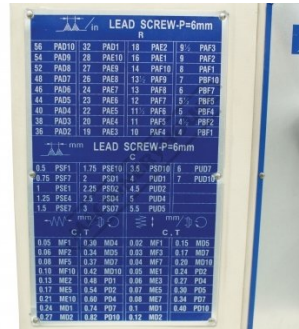
Lubrication pump for slide



Heavy duty tailstock



Saddle controls



Thread Chasing Dial



Saddle Controls



Thread Charts

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Recommended Accessories

A358
 Sky Hook Lifting Device



A358A
 Chuck Hook



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



S090A
 Soluble Metal Cutting Fluid - 1
 Litre



S090
 Soluble Metal Cutting Fluid - 5
 Litre



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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



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



D454A

4MT x JT3 Drill Chuck Arbor



D119

Metric 2MT HSS Drill Set



D424

Drill Sleeve - Morse Taper



D422

Drill Sleeve - Morse Taper



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D425

Drill Sleeve - Morse Taper

M800

Rubber Mat - Anti-Fatigue

M805

Rubber Mat - Anti-Fatigue

