



Whitelaw

ENGINEERING MACHINERY
INCORPORATED 1965



MODEL RML-14 SERIES PRECISION CENTRE LATHE

KEY FEATURES:

- High quality Taiwanese casting stabilized and stressed relieved
- Precision 'V'-beds & headstock gears are all hardened & ground
- 260mm wide induction hardened (to min HRC 48-55) ONE PIECE cast-iron bed
- Turcite B coating between the bed and carriage
- 8 spindle speeds from 70-1800rpm (Optional variable speed on request)
- Optional CSS constant surface speed
- Large Ø 52.5mm spindle bore
- Extremely low noise level operation
- Adjustable taper roller bearings providing spindle accuracy
- 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
- Removable gap bed allowing work piece to swing up to 533mm
- 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
- LED work light
- Lubrication pump on saddle oiling slides
- Quality Taiwanese manufactured

SPECIFICATIONS:

Capacity:

Swing over bed:	...Ø 360mm
Swing in gap:	...Ø 533mm
Swing over cross slide:	...Ø 214mm
Distance between centres:	...800/1000/1500mm
Width of bed:	...260mm
Gap width in front of faceplate:	...135mm

Headstock & Main Spindle:

Spindle nose, internal taper:	...D1-6, 6MT
Spindle centre sleeve:	...MT6 x MT 4
Spindle bore:	...Ø 52.5mm
Speed range:	8 steps 70-1800rpm
Optional:	Electronic infinitely variable speed up to 20-3000rpm

Carriage:

Cross slide travel:	...220mm
Top slide travel:	...130mm

Threads & Feeds:

Imperial threads: (kinds/range)	...45/2~72 T.P.I
Metric threads: (kinds/range)	...39/0.2~14mm
D.P threads: (kinds/range)	...21/8~44
M.P threads: (kinds/range)	...18/0.3~3.5
Longitudinal feeds:	...0.05~1.7mm/rev
Cross feeds:	...0.025~0.85mm/rev



Whitelaw

ENGINEERING MACHINERY
INCORPORATED 1965



MODEL RML-14 SERIES PRECISION CENTRE LATHE

Tailstock:

Quill dia: ...Ø 52mm

Quill travel: ...152mm

Taper of centre: ...MT 4

Motor:

Main spindle: ...5HP 415v 50Hz

Weight: ...1300/1350k/1450g

STANDARD EQUIPMENT:

- ✓ Ø 200mm 3 Jaw self-centring chuck
- ✓ Ø 250mm 4 Jaw Independent chuck
- ✓ Z axis stop
- ✓ High speed travelling steady
- ✓ High speed fixed steady
- ✓ LED work lamp
- ✓ Full length splash guard
- ✓ Front open type chip tray
- ✓ Dead centre MT4
- ✓ Dead centre MT 4 with carbide tip
- ✓ Spindle centre sleeve 6MT
- ✓ Levelling pads & bolts
- ✓ Tool kit
- ✓ Service and parts manuals

OPTIONAL EQUIPMENT:

Quick change tool post complete with 5 holders
Electronic infinitely variable spindle speed via inverter motor
Hydraulic copying attachment
5C collet closer
Collets to suit
Economy or premium 2 axis digital readout
(CSS) Constant surface speed
Taper turning attachment
Face plate
OH&S Machine Guarding