

# DUGARD

Machine Tools That Create Solutions Since 1939

**DUGARD**  
**LUNAN**

Dugard **Lunan**

Multi-Function CNC Lathes

Cost effective manual function or full CNC lathes



**DUGARD** Machine  
Tools

[www.dugard.com](http://www.dugard.com)

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**Fully programmable 4 way indexing toolpost as standard**



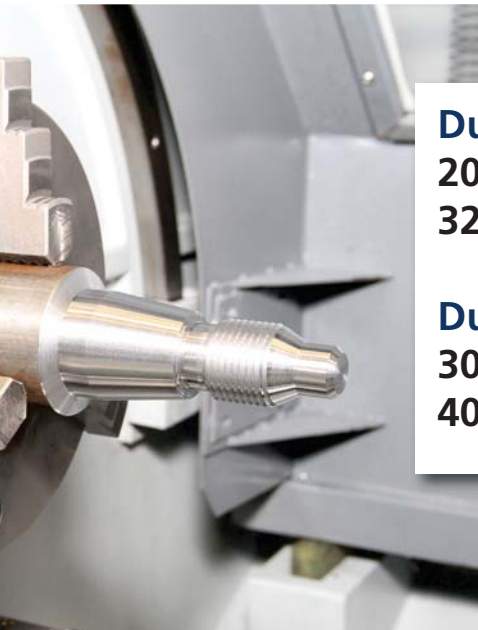
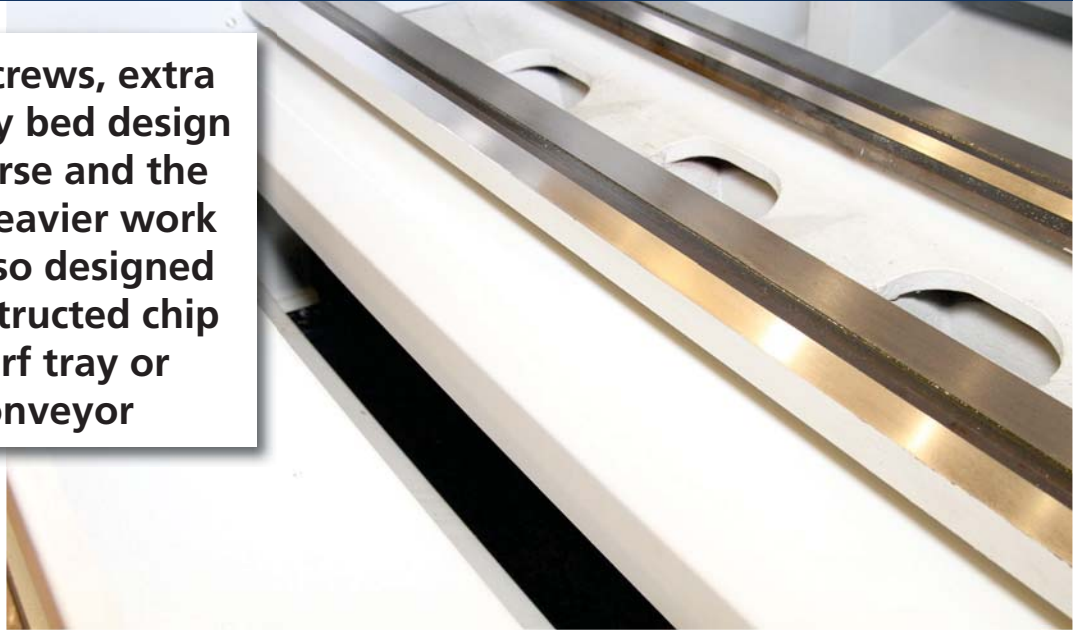
**Optional adaptor to hold Q/C holders in position and manually change tools**

**Optional fully programmable 6 way turret (reduces the maximum turned diameter to 320mm)**





Fully guarded ball screws, extra wide double box way bed design for high rapid traverse and the capability to carry heavier work loads. The bed is also designed to allow easy unobstructed chip flow into the swarf tray or optional chip conveyor



**Dugard Lunan 400MF**  
200mm 3 jaw chuck - std  
320mm 4 jaw chuck - opt

**Dugard Lunan 500MF**  
305mm 3 jaw chuck - std  
406mm 4 jaw chuck - opt

Large rigid tailstock is ideal for supporting heavy components and has no interference issues



## Choice of digital controls

Choice of controls to meet your requirements featuring user-friendly operation, powerful functions and maximum reliability



### GSK 980 TD

- 7" LCD colour monitor
- PLC axis control
- PC to CNC bidirectional communication
- Large memory capacity with full screen edit
- USB/RS232



### Fanuc 0iMate

- 8.4" TFT LCD colour monitor
- New D series high speed series
- Industry standard programming
- USB/PC card storage



### Siemens 828D

- 8.4" monitor
- Shopturn conversational programming
- Super high speed
- USB/PC card storage/ethernet

Specification	Dugard Lunan 400MF	Dugard Lunan 500MF
Maximum swing over bed	400mm	500mm
Maximum swing over cross slide	170mm	280mm
Maximum turned diameter	300mm	500mm
Maximum workpiece length	550mm	1400mm
Maximum turned length (with electronic manual turn handwheel)	860mm	1320mm
Spindle bore diameter	52mm	77mm
Spindle nose	D1-6	D1-8
Speeds (400MF 2 range, 500MF 3 range gearbox)	80~2000rpm	20~1620rpm
Rapids in X	6m/min	6m/min
Rapids in Y	8m/min	8m/min
4 position programmable electronic toolpost	25 x 25mm	25 x 25mm
Tailstock diameter quill	4-MT	5-MT
Quill diameter	55mm	75mm
Quill travel	150mm	150mm
Main motor (inverter drive)	5.5kW	7.5kW
Machine dimensions	2320 x 1100 x 1550mm	3000 x 1370 x 1700mm
Machine weight	2000kg	3100kg

### Standard Equipment

- 2 range gearbox (400MF)
- 3 range gearbox (500MF)
- 200mm 3 jaw chuck (400MF)
- 305mm 3 jaw chuck (500MF)
- 4 position electronic toolpost
- Manual tailstock
- CE certified
- Coolant and lighting

### Optional Accessories

- 320mm 4 jaw chuck (400MF)
- 406mm 4 jaw chuck (500MF)
- 6 position electronic turret in lieu of 4 way
- Quick change toolholders
- Swarf conveyor

\*Specifications are subject to change without prior notice