

DUGARD

Machine Tools That Create Solutions Since 1939

DUGARD
LUNAN

Dugard **Lunan**

Multi-Function CNC Lathes

Built to maximise price and performance



DUGARD Machine
Tools

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Dugard Lunan 400MF



- 400mm swing over bed
- 300mm turned diameter
- 52mm spindle bore
- 750 / 1000mm bed lengths
- 200mm 3 jaw chuck
- 2 range gearbox 80~2000rpm

Dugard Lunan 500MF



- 500mm swing over bed
- 500mm turned diameter
- 77mm spindle bore
- 1000 / 1500mm bed lengths
- 250mm 3 jaw chuck
- 3 range gearbox 20~1620rpm

Dugard Lunan Manual Function or Full CNC Lathes
 • CNC for the same price as many manual machines •

Dugard Lunan 630MF



- 630mm swing over bed
- 630mm turned diameter
- 102mm spindle bore
- 1000 / 2000 / 3000mm bed lengths
- 400mm 3 jaw chuck
- 3 range gearbox 20~1000rpm

Dugard Lunan 800MF



- 800mm swing over bed
- 800mm turned diameter
- 102mm spindle bore
- 1000 / 2000 / 3000mm bed lengths
- 400mm 3 jaw chuck
- 3 range gearbox 20~1000rpm

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 OiMate

- 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



Fully programmable 4 way indexing toolpost as standard

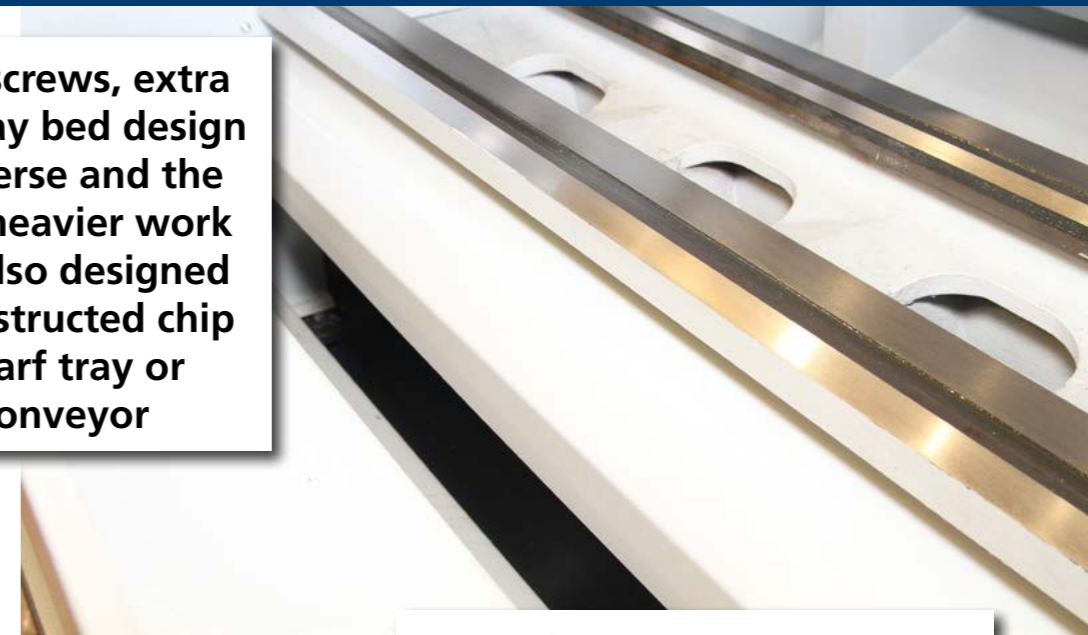


Optional adaptor to hold Q/C holders in position and manually change tools



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



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



Dugard Lunan 400MF
200mm 3 jaw chuck - std
250mm 3 jaw chuck - opt
320mm 4 jaw chuck - opt

Dugard Lunan 500MF
250mm 3 jaw chuck - std
320/400mm 4 jaw chuck - opt

Dugard Lunan 630MF
400mm 3 jaw chuck - std
320/400mm 4 jaw chuck - opt

Dugard Lunan 800MF
400mm 3 jaw chuck - std
500mm 4 jaw chuck - opt

Specification	Dugard Lunan 400MF	Dugard Lunan 500MF	Dugard Lunan 630MF	Dugard Lunan 800MF
Maximum swing over bed	400mm	500mm	630mm	800 mm
Maximum swing over cross slide	170mm	280mm	350mm	480mm
Maximum turned diameter	300mm	500mm	630mm	800mm
Maximum distance between centres	1000mm	1500mm	2000mm	1000/2000/3000mm
Centre height	200mm	250mm	315mm	400mm
Optional bed lengths	750 / 1000mm	1000 / 1500mm	1000 / 2000 / 3000mm	1000 / 2000 / 3000mm
Bed width	320mm	385mm	550mm	600mm
Maximum turned length (with electronic manual turn handwheel)	860mm	1320mm	2000mm	1000 / 2000 / 3000mm
Spindle bore diameter (with manual chuck)	52mm	77mm	102mm	102mm
Spindle nose	D1-6	D1-8	D11	D11
Main motor inverter drive	5.5kW	7.5kW	11kW	15kW
3 jaw chuck size	200mm	250mm	400mm	400mm
4 jaw chuck size	320mm	400mm	400mm	500mm
Spindle speed range	2 range gearbox	3 range gearbox	3 range (mechanical)	3 range (mechanical)
	range 1	range 1	stepless 20~1000rpm	stepless 20~1000rpm
	range 2	range 2		
		range 3		
X axis travel	230mm	295mm	430mm	500mm
Z axis travel	860mm	1320mm	2000mm	1000/2000/3000mm
Rapids in X	6000mm/min	6000mm/min	4000mm/min	4000mm/min
Rapids in Y	8000mm/min	8000mm/min	6000mm/min	6000mm/min
4 position programmable electronic toolpost	25 x 25mm	25 x 25mm	32 x 32mm	32 x 32mm
Tailstock quill travel	150mm	150mm	250mm	250mm
Tailstock diameter	4-MT	5-MT	6-MT	6-MT
Quill diameter	55mm	75mm	100mm	100mm
Repositional accuracy	0.01mm	0.01mm	0.01mm	0.01mm
Machine dimensions (L x D x H)	2320 x 1100 x 1550mm	3200 x 1550 x 1850mm	3200/4200/5200 x 1820 x 1780mm	3600/4100/4600 x 1600 x 1780mm
Machine weight	2000kg	3100kg	1000mm - 4400kg 2000mm - 5100kg 3000mm - 6000kg	1000mm - 4400kg 2000mm - 5100kg 3000mm - 6000kg

*Specifications are subject to change without prior notice

The Dugard Lunan multi-function CNC lathes - built to maximise performance and price. Powerful, rigidly constructed and well-engineered, the perfect fit for your workshop.

Standard Equipment

- 2 range gearbox (400MF)
- 3 range gearbox (500MF)
- 200mm 3 jaw chuck (400MF)
- 250mm 3 jaw chuck (500MF)
- 400mm 3 jaw chuck (630MF/800MF)
- 4 position electronic toolpost
- Manual tailstock
- CE certified
- Coolant and lighting

Optional Accessories

- 250mm 3 jaw chuck (400MF)
- 320mm 4 jaw chuck (400MF/500MF/630MF)
- 400mm 4 jaw chuck (500MF/630MF)
- 500mm 4 jaw chuck (800MF)
- 2 point pad type travelling steady
- 3 point roller type fixed steady
- 6 position electronic turret in lieu of 4 way
- Quick change toolholders
- Swarf conveyor

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