

# DUGARD

Machine Tools Since 1939

## 400L, 500L, 600L Slant Bed CNC Lathes



- Double roller bearings and ball bearing fitted on the spindle
- Two speed ZF gear box gives high torque and optimum cutting performance
- One-piece Meehanite casting provides significant advantage for precision, stable and rigid construction
- Solid box guide ways, and 45 degree slant bed
- Castings are internally reinforced with heavy ribs to resist flex and damp vibrations
- 10 stations bi-direction indexing turret offers quick tool change time. Curved coupling and powerful hydraulic clamping for heavy cutting and high precision positioning Programmable tailstock with simple operation
- Optional C axis and live tools with mill/drill capacity for eliminating time consuming and secondary operation
- Unique and special design of the chip conveyor for side and rear exit from the machine ensures perfect alignment and space saving (rear exit is on request)
- Fully enclosed splash guard

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	Dugard 400L	Dugard 500L	Dugard 600L
Swing over cross slide	720mm	800mm	900mm
Max turning diameter	600mm	680mm	720mm
Standard chuck	380mm	450mm	600mm
Bar capacity	90mm	115mm	152mm
Spindle nose	ASA A2-11	ASA A2-11	ASA A2-15
Spindle speed	25~2000rpm	25~1500rpm	25~900rpm
Spindle bearing diameter	160mm	180mm	200mm
X axis travel	310+40mm	350+40mm	470mm
Z axis travel	1350/2050/3050mm	1550/2050/3050/4050mm	2000/3000/4000mm
Rapid traverse (X & Z)	16/20 m/min	16/20 m/min	16/20 m/min
Cutting feed rate	0.001~500 mm/rev	0.001~500 mm/rev	0.001~500 mm/rev
Quill diameter	100mm	100mm	100mm
Machine length	6200/7200mm	5500/6200/7200/8200mm	7730/9730mm
Machine width	2280mm	2263mm	2505mm
Machine height	2322mm	2320mm	2600mm
Net weight	14,500/16,500kg	15,000/17,000/19,000kg	21,000/22,000/23,000kg

### Standard Accessories

- Fanuc Control
- ZF 2-step gear box
- Programmable tailstock
- Automatic relief lubrication system
- Heat exchanger for electric cabinet
- Right exit chip conveyor
- Chip trolley and tool kits
- 3 sets of soft jaws, 1 set of hard jaw
- 2 sets of facing tool holder
- 4 sets of boring tool holder
- Oil/lubrication separator

### Options Include

- Automatic door
- Air conditioner for electric cabinet
- Rear exit chip conveyor
- Automatic bar feeder
- Bar feeder interface
- Probe
- Parts catcher
- C axis / CF axis
- VDI power turret
- Hydraulic steady rest
- 14" spindle bore (600L)

European headquarters for Dugard CNC Machine Tools

**DUGARD.com**

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