

DUGARD

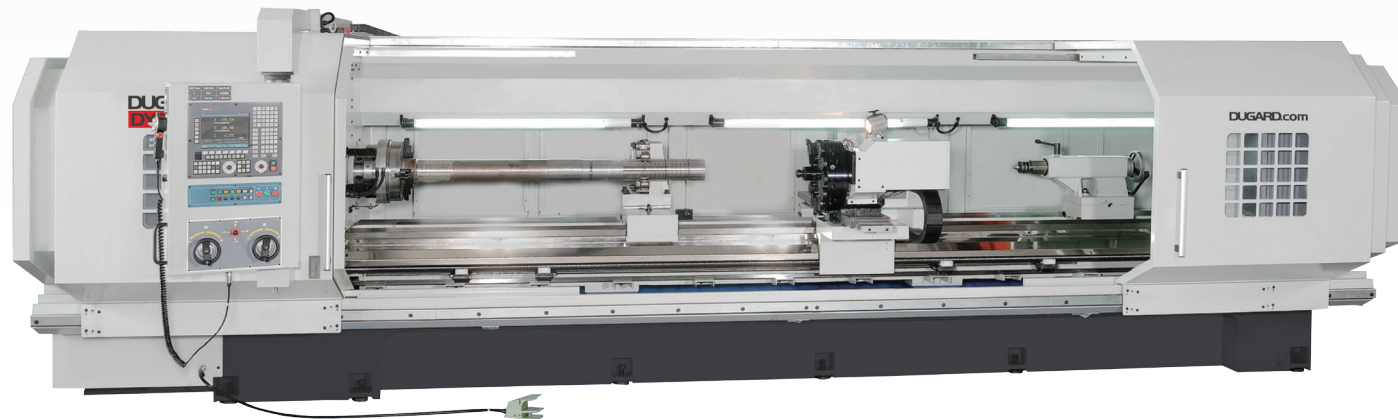
Machine Tools That Create Solutions Since 1939

DUGARD
Large Capacity

DY530C / 630C / 730C

Dugard Large Capacity CNC Lathes

Featuring 435mm bed width



DUGARD Machine
Tools

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		Dugard DY530C	Dugard DY630C	Dugard DY730C	
Machining Capability	Swing over bed	530mm	630mm	730mm	
	Swing over cross slide	310mm	410mm	510mm	
	Distance between centres	1000/1500/2000/3000/4000mm			
Bed	Bed width	435mm			
Main Spindle	Spindle nose	D1-8 (D1-11 opt)			
	Spindle bore	104mm (130mm opt)			
	Spindle speed	Low 50~300rpm; High 300~1500rpm (300~1000rpm opt)			
	Spindle taper	MT10 (MT15 opt)			
Travel	X axis (cross travel)	360mm			
	Z axis (longitudinal travel)	700/1200/1700/2700/3700mm			
	Y axis (opt)	±40mm			
Feeds	X axis rapid traverse	5m/min			
	Z axis rapid traverse	7.5m/min			
	Cutting feed rate	0.001~500mm/rev			
Motors	Main motor	18.5kW			
	X axis servo motor	AC servo motor 5.3/2.49kW/11.9Nm/2000rpm			
	Z axis servo motor	AC servo motor 7.3/4.36kW/20.8Nm/2000rpm			
	Oil pump	80W			
	Coolant pump	1/2hp			
	Hydraulic tank pump (opt)	3hp (2.2kW)			
Tank Capacity	Hydraulic tank (opt)	20L			
	Lubrication pump	2L			
Ballscrew	X axis diameter	25mm / pitch 5			
	Z axis diameter	50mm / pitch 10			
Tailstock	Quill diameter	90mm			
	Quill travel	203mm			
	Quill taper	MT5			
General	Machine dimensions	Length - 3390/3890/4390/5390/6390mm; Depth - 2180mm; Height - 1730mm			
	Machine weight	4500/5100/5500/6500/7500kg			
Workpiece Weight Capacity		Chuck Only	Chuck + Tailstock	Chuck + 1 Steady Rest + Tailstock	Chuck + 2 Steady Rest + Tailstock
Spindle Bore 160mm		1000kg	4000kg	7000kg	10,000kg
Spindle Bore 230~410mm		1400kg	4400kg	7400kg	10,400kg

*Specifications are subject to change without prior notice

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