



CNC LATHE DY-350C~510C

BED WIDTH 305/330MM



DY-510CX1500

MODEL		DY-350C	DY-410C	DY-510C
Machining capability	Distance between centers	1000 / 1500mm	1250 /1500 /2000/3000 mm	1250 /1500 /2000/3000 mm
	Swing over bed	410 mm	410 mm	510 mm
	Swing over cross slide	200 mm	200 mm	300 mm
Bed	Width	305mm(12")	330mm(13")	330mm(13")
Main spindle	Spindle nose	D1-6	D1-8	
	Spindle bore	54mm	80 or 102 (Opt.)mm	
	Spindle speed (rpm)	L: 50-450 M: 200-1300 H: 600-3000	L: 60-230 M: 170-680 H: 550-2000 (bore 102: 1800rpm)	
	Spindle taper	MT6	MT7	
Travel	X axis (Cross travel)	180mm	200mm	250mm
	Z axis (Longitudinal travel)	750/1250mm	950/1200/1700/2700 mm	950/1200/1700/2700 mm
Feeds	X axis rapid traverse	5M/min	5M/min	5M/min
	Z axis rapid traverse	7.5M/min	7.5M/min	7.5M/min
	Cutting feed rate	0.001-500mm/rev (0.0004"-20"/rev)	0.001-500mm/rev (0.0004"-20"/rev)	0.001-500mm/rev (0.0004"-20"/rev)
Motors	Main motor	5KW	7.5KW	7.5KW
	X axis servo motor	Siemens or Fagor AC servo motor FXM33/1.53kw/ 7.3Nm / 2000rpm		
	Z axis servo motor	Siemens or Fagor AC servo motor FXM53/2.49kw/11.9Nm /2000rpm		
	Oil pump	80W	80W	80W
	Coolant pump	1/8hp	1/8hp	1/8hp
	Hydraulic tank pump (optional)	2hp (1.5kw)	2hp (1.5kw)	2hp (1.5kw)
Tank capacity	Hydraulic tank (optional)	20L	20L	20L
	Lubrication pump	2L	2L	2L
	Coolant tank	60L	60L	60L
Ball screw	X axis diameter	25mm / pitch 5	25mm / pitch 5	25mm / pitch 5
	Z axis diameter	40mm / pitch 5	40mm / pitch 5	40mm / pitch 5
Tailstock	Quill diameter	54mm	75mm	
	Quill travel	130mm	150mm	
	Quill taper	MT4	MT5	
Measurement (approx.)(kg)	Net weight	2000/2200	2400/2600/3150/4250	
	Gross weight	2200/2450	2600/2850/3450/4650	
Workpiece Weight capacity	Chuck only	Chuck + Tailstock	Chuck + 1 Steady rest + Tailstock	Chuck + 2 Steady rest + Tailstock
Spindle bore 54mm	80kg	300kg	450kg	700kg
Spindle bore 80mm	300kg	800kg	1000kg	1500kg
Spindle bore 102mm	400kg	900kg	1100kg	1600kg

* ABOVE SPECIFICATIONS ARE FOR YOUR REFERENCE AND SUBJECT TO CHANGE WITHOUT NOTICE. FOR SPECIAL REQUIREMENTS PLEASE CONTACT US.

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