

ITEMS		MODEL			
		DY-350	DY-410	DY-460	DY-510
Machining capability	swing over bed	350 (13 2/3")	410 (16 ")	460 (18 ")	510 (20 ")
	swing over cross slide	170 (6 2/3")	210 (8 ")	270(10 1/2 ")	310(12.2 ")
	distance between centers	750 / 1000 / 1500 30" / 40" / 60"	850/1250/1500/2000 33" / 50" / 60" /80"	850/1250/1500/2000 33" / 50" / 60" /80"	850/1250/1500/2000 33" / 50" / 60" /80"
	max. cutting diameter	300 (12")	300 (12")	300 (12")	335 (13")
	max. cutting length	500 / 750 / 1150 29.5" / 45"	500/900/1150/1650 20" / 35.5" / 45" /65"	500/900/1150/1650 20" / 35.5" / 45" /65"	500/900/1150/1650 20" / 35.5" / 45" /65"
Main spindle	spindle nose	D1-6	D1-8	D1-8	D1-8
	spindle bore	54 (2 1/8")	80 (3.25")102(4")	80 /102 (4")	80 /102 (4")
	bar capacity	52 (2")	78 (3") 100(4")	78(3") 100(4")	78(3") 100 (4")
	spindle taper	MT6	MT8/ MT10	MT8/ MT10	MT8/ MT10
	spindle speed (rpm)	H 600-3000	H 140-2000	H 140-2000	H 140-2000
		M 200-1300	M 50-850	M 50-850	M 50-850
L50-450		L30-300	L30-300	L30-300	
Travel	cross travel (X axis)	180 (7")	200 (8")	200 (8")	200 (8")
	longitudinal travel (Z axis)	500/750/1250 (29.5" / 45")	550/950/1200/1700 (20"/35.5"/45"/65")	550/950/1200/1700 (20"/35.5"/45"/65")	550/950/1250/1700 (20"/35.5"/45"/65")
Feeds	max rapid traverse (X axis)	5M/min (196.5 ipm)	5M/min (196.5 ipm)	5M/min (196.5 ipm)	5M/min (196.5 ipm)
	max rapid traverse (Z axis)	10M/min (393 ipm)	10M/min (393 ipm)	10M/min (393 ipm)	10M/min (393 ipm)
Motors	feed rate (X axis , Z axis)	0.001-500mm / rev (0.0004-20" / rev)			
	main motor	7.5 HP	10 HP	10 HP	10 HP
	servo motors (X / Z axis)	2.1Nm / 4.5Nm	2.1Nm / 4.5Nm	2.1Nm / 4.5Nm	2.1Nm /4.5Nm
	hydraulic oil pump (opt.)	2 HP (1.5KW)			
	lubrication motor	100W	100W	100W	100W
	coolant pump	1/8 HP	1/8 HP	1/8 HP	1/8 HP
Bed	width	305 (12")	330 (13")	330 (13")	330 (13")
Tailstock	quill diameter	54 (2")	75 (3")	75 (3")	75 (3")
	quill travel	130 (5")	150 (5")	150 (5")	150 (5")
	quill taper	MT 4	MT 5	MT 5	MT 5
Machine	net weight (approx.)	1800 / 2000 2200KGS	2100/ 2400 2600 / 3150 KGS	2150/2400 2650 / 3200 KGS	2200 / 2500 2700/3250 KGS

• All the specifications shown above are just for reference.reference. the design and specifications are subject to change without prior notice.

STANDARD ACCESSORIES

1. Coolant pump.
2. Build-in worklight
3. Splash safety guard
4. Auto lubrication system
5. Quick change toolpost
6. Steel telescoping way cover for X axis
7. Center sleeve & centers
8. Tool box with hand tools
9. Heat Exchanger
10. Steady Rest / Follow Rest

OPTIONAL ACCESSORIES

1. 3-Jaw hydraulic chuck
2. Hydraulic turret (8 tools)
3. Electric turret(4 tools)
4. Programmable tailstock
5. Bar feeder
6. Chip conveyor with remote cart



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