



# CNC LATHE WITH Y-AXIS

VT-1500/500

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## Machine Specifications

ITEM	UNITS	VT1500X500
<b>Capacity</b>		
Swing over bed	mm(in)	550 (21.6")
Swing over cross slide	mm(in)	430 (16.5")
Distance between spindle noses	mm(in)	831 (32.7")
Maximum turning diameter	mm(in)	300 (11.8")
Max. part length	mm(in)	500 (19.7")
<b>Travel</b>		
Traverse path X	mm(in)	160 (6.3")
Traverse path Y	mm(in)	+40(1.57") / -30(-1.2")
Traverse path Z	mm(in)	520(20.47")
Traverse path W	mm(in)	520(20.47")
<b>Spindle</b>		
Type of spindle nose	ISO	A2-5
Chuck diameter	mm(in)	175(6.89")
Spindle bearing inner	mm(in)	95(3.74")
Thru spindle hole	mm(in)	63(2.48")
Thru bar capacity	mm(in)	52(2.05")
Spindle drive	kw(hp)	11(14.7) Fanuc a8
Max torque	Nm(ft-lb)	74.95(55.28)
Spindle speed range	rpm	5000
<b>Turret</b>		
Turret make&type		Sauter VDI30 SW:270
No of tool stations		12
Turret indexing time	sec	0.2
Shank height of OD tool	mm(in)	20(3/4")
Boring shank diameter	mm(in)	32(1.25")
<b>Feedrate</b>		
Rapid traverse rate X axis	m/(in)	24 (945")
Rapid traverse rate Y axis	m/(in)	10(393")
Rapid traverse rate Z axis	m/(in)	24 (945")
<b>Subspindle</b>		
Type of spindle nose	ISO	A2-4
Chuck diameter	mm(in)	140(5.51")
Spindle bearing inner dia	mm(in)	75(2.95")
Through spindle hole	mm(in)	52(2/04")
Through bar capacity	mm(in)	38(1.49")
Spindle drive	Kw(hp)	7.5(10) Fanuc a6
Max torque	Nm(ft-lb)	47.7(35.18)
Spindle speed range	rpm	6000
<b>Remark</b>		
Coolant pump motor	Kw(hp)	0.57(0.76)
Coolant tank capacity	Liter(gal)	250(66)
Floor space	mm(in)	2720x2106(107x83)
Machine weight	Kg (lbs)	5100 (11220)

Design and specifications are subject to change without prior notice.

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