

	SPECIFICATIONS		
Capacity	Max. swing	mm	Ø500
	Swing over cross slide	mm	Ø200
	Max. turning diameter	mm	Ø200
	Max. turning length	mm	200
	Bar capacity	mm	Ø45
Spindle	Type of spindle nose		A2-5
	Through spindle hole diameter	mm	Ø56
	Chuck		46Type rear pull type
	Spindle speed range	rpm	6000
	Spindle motor type	rpm	1~4500
	Spindle resolution	1/n	1024/32768
Feedrate	X-axis travel	mm	1000
	Z-axis travel	mm	470
	Y-axis travel	mm	260
	Goo-G	m/min	24
	Goo-G	m/min	16/18
	Goo-G	m/min	15
	Goo-G	m/min	8
	Guide way	mm	32X8
	Guide way	mm	35
	Guide way	mm	25X5
Turret	Number of tool stations	PCS	8+X
	Shank height for square tool	mm	20X20
	Shank diameter for boring bar	mm	Ø20/25
	Power head tool plus form		ER25
Power unit	Power head tool	PCS	Zaxis4+Xaxis4
	Spindle speed range	rpm	6000
	Spindle motor type	rpm	4000
	Drilling	mm	Ø16
	Tapping	mm	M8
	distance	mm	65
	Spindle motor (30min/cont) KW (HP)	Power of main motor	KW
Const torque		NM	47.75NM(2000 r/min)
X/Z/Y-axis feed motor		KW	1.3
Max. spindle torque		NM	8.39
power		KW	1.7
torsion		NM	8
speed range		rpm	5000
Spindle speeds		r/min	2000/6000
Spindle motor resolution		1/n	1024/32768
Miscellaneous	Pump motor	KW	0.3
	CNC control axis number	PCS	6axis
	Spindle positioning brake device		hydraulic pressure
	Angle	DEG	35°
	Floor space	m <sup>2</sup>	1.8X1.1=1.98
	Tool table L*W	mm	700X290
	Machine dimensions (L.W.H)	m	2.1X1.58X1.9
	Mass of machine	KG	3430
Power supply	kw	13	
Repeatability (PS) X 、 Y 、 Z	Mean power consumption	kw/h	2
	X-axis		0.003
Positioning accuracy of cold and cold machine for half an hour in the morning	Z-axis		0.003
	Y-axis		0.003
	X-axis		0.004
	Z-axis		0.004
	Y-axis		0.001
	X axis diameter turning		≤0.008
	Z-axis turning		≤0.01
	Y-axis edge milling/true roundness of milling		≤0.025/Car
	Y axis opposite milling/milling true roundness turning workpiece		0.003/Ø40
	Cylindricity of turning workpiece		0.012/200
	Surface roughness of turning workpiece		≤Ra0.3um
Surface roughness of workpiece for side milling		≤Ra0.8um	
Surface roughness of end milling workpiece		≤Ra0.3um	

Accuracy class	Accuracy grade of screw rod		C3scale
	Guide rail accuracy grade		Pscale
Accuracy	Conical surface runout of clamping barrel		$\leq 0.015\text{mm}$
	Spindle radial runout		$\leq 0.003\text{mm}$
	Spindle indexing and repeated positioning accuracy		$\leq 20\text{rs, as } 0.005^\circ$
	Arbitrary positioning accuracy of spindle indexing		$\leq 70\text{rs, as } 0.019^\circ$