

TAIWAN TAKISAWA

EX SERIES

CNC LATHE

EX-106



EX-110



EX-108



EX-122



Combi[∞]tech

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TAIWAN TAKISAWA

SPECIFICATIONS:

			EX-106	EX-108	EX-110	EX-122
Unit: mm(inch)						
CAPACITY	Swing over bed	MM / INCH	350(13.75")	400(15.75")	495(19.50")	910(36")
	Swing on cross slide	MM / INCH	280(11")	320(12.50")	400(15.75")	808(32.3")
	Distance between center	MM / INCH	455(17.91")	645(25.25")	845(33.25")	1947(77.9")
	Standard turning dia	MM / INCH	190(7.50")	216(8.50")	287(11.75")	450(18")
	Max. turning dia	MM / INCH	240(9.50")	320(12.50")	400(15.75")	610(24.4")
	Max. turning length	MM / INCH	350(13.75")	530(20.75")	710(28")	1524(60")
	Bar capacity	MM / INCH	43(1.63")	52(2")	75(2.88)/77(3")	184(7.25")
TRAVEL	X-axis Stroke	MM / INCH	140(5.50")	180(7")	220(8.63")	340(13.38")
	Z-axis Stroke	MM / INCH	350(13.75")	530(20.75")	710(28")	1524(60")
SPINDLE	Spindle speed	RPM	40/5000	30/4000	30/3500	12~1200
	Spindle nose		Flat 140MM	A2-6	A2-8	A2-15
	Spindle thru-hole dia	MM / INCH	56(2.25")	63(2.50")	86(3.38")	200(7.87")
	Spindle bearing dia	MM / INCH	80(3.13")	100(4")	120(4.75")	
TURRET	Type of turret		12-STATION	12-STATION	10-STATION	10-STATION
	Height of square tool	MM / INCH	20(0.75")	25(1")	25(1")	32(1.26")
	Dia of boring bar holder	MM / INCH	32(1.25")	40(1.50")	50(2")	65(2.56")
TAILSTOCK	Stroke of tailstock	MM / INCH	290(11.38")	435(17")	580(22.88")	1400(56")
	Stroke of tailstocks shaft	MM / INCH	100(4")	100(4")	150(5.88")	200(8")
	Taper of tailstock		MT4	MT5	MT5	
	Tailstocks shaft hole dia	MM / INCH	75(2.88")	90(3.50")	110(4.25")	
FEED	Rapid travel X-axis	M / INCH	24	20	18	20
	Rapid travel Z-axis	M / INCH	30	24	22	24
	Jog feed rate X-axis	MM / INCH	0-1260	0-1260	0-1260	0-1260
	Jog feed rate Z-axis	MM / INCH	0-1260	0-1260	0-1260	0-1260
MOTOR	Spindle motor	KW	5.5/7.5	7.5/11	15/18.5	26/35
	Servo motor X-axis	KW	0.6	0.6	1.0	2.8
	Servo motor Z-axis	KW	2.1	2.1	3.8	4.8
	Hydraulic pump	KW				1.5
	Lubrication pump	KW				0.004
	Coolant pump	W				750
POWER	Electric	KVA	17	22	35	54
	Air pressure	MPA		0.5		1.5
	Air flow	L/min				2
TANK	Coolant tank	L	160	200	230	300
	Hydraulic	L				40
	Lubrication	L				1.5
SIZE	Weight	KGF(LBS)	3500	4300	5000	11000(24200)
	Length	MM / INCH	1950(77")	2240(88")	2500(110")	4740(186.6")
	Height	MM / INCH	1720(68")	1770(70")	1800(71")	2090(82.28")
	Width	MM / INCH	1530(60")	1645(65")	1700(67")	2130(83.86")
	Height of spindle's center	MM / INCH				1110(43.7")