

TC 380 (M) (L) TO TC 800 (M) (L) SPECIFICATIONS

MODEL		UNIT	TC 380 (M) (L)	TC 450 (M) (L)	TC 600 (M) (L)	TC 800 (M) (L)		
CAPACITY	No. of axis	mm	2-axis / 3-axis (M)	2-axis / 3-axis (M)	2-axis / 3-axis (M)			
	Swing over bed	mm	Ø850	Ø970	Ø1100			
	Max. turning diameter	mm	Ø710	Ø850	Ø1020			
	Working length	mm	760 / 3040 (L)	1130 / 3090 (L)	2200 / 5110 (L)			
SPINDLE	Spindle nose	ISO	Std: A2-8 Opt: A2-11 / A2-15	Std: A2-11 Opt: A2-15 / A2-20				
	Spindle bore	mm	Std: A2-8 Ø105 Opt: A2-11 Ø131/ Ø165 A2-15 Ø180	Std: A2-11 Ø160 Opt: A2-15 Ø230 A2-20 Ø320 / Ø360				
	Bar capacity	mm	Std: A2-8 Ø89 Opt: A2-11 Ø117, Ø142 / A2-15 Ø166	Std: A2-11 Ø142 Opt: A2-15 Ø200 A2-20 Ø230	Std: A2-11 Ø142 Opt: A2-15 Ø200 A2-20 Ø230			
	Maximum spindle speed	rpm	Std: 2500 Opt: 2000 / 1650 / 1300	Std: 1500 Opt: 700 / 550 / 450				
	Spindle gearbox step		2	3	4			
	Live tools speed (M)	rpm	Opt: 0 – 3000					
CHUCK	Hydraulic chuck size	mm (in)	Std: Ø300 (Ø12") Opt: Ø380 (Ø15") Ø450 (Ø18")	Optional				
TURRET	Tool station (random)	Station	10 / 12	12	12			
	O.D. tooling	mm	32 / 25	□32	□32			
	I.D. tooling	mm	Ø50					
CROSS SLIDE (X-AXIS) & CARRIAGE (Z-AXIS)	X-axis travel	mm	355+25	425+25	510+25			
	Z-axis travel	mm	860 / 3140 (L)	1250 / 3210 (L)	2260 / 5190 (L)			
	Rapid travel speed (X-axis)	m/min	12					
	Rapid travel speed (Z-axis)	m/min	15 / 10		10 / 8			
	Cutting feed rate (Both-axis)	mm/rev.	0.001 – 500					
MOTOR	Spindle (cont.)	kW (HP)	a22i	22 (29.5)	a 30i	30 (40)	a40i	37 (49.6)
	Spindle (30 min.)	kW (HP)		26 (34.9)		37 (49)		45 (60.3)
	X-axis	kW (HP)	α22Bi- 4 (5.4)		α22Bi- 4 (5.4)		α 30i - 7 (9.4)	
	Z-axis	kW (HP)	α 22i- 4 (5.4)		α 30i - 7 (9.4)		α 30i - 7 (9.4)	
	Hydraulic oil pump	kW (HP)	2.2 (3)		3.75 (5)			
	Coolant pump	kW (HP)	0.75 (1)					
PROGRAMMABLE TAILSTOCK	Quill dia.	mm	Std: Ø110 Opt: Ø160	Ø160	Ø200			
	Quill stroke	mm	100	160	200			
	Taper of centre	MT	MT.5	MT.6				
	Tailstock travel	mm	640 / 2920 (L)	950 / 2910 (L)	1900 / 4900 (L)			
TANK CAPACITY	Hydraulic tank	Litre	80					
	Coolant tank	Litre	480 / 780 (L)	520 / 810 (L)	670 / 1050 (L)			
MEASUREMENT	Height	mm	2235	2445	3050			
	Weight (NW)	kgs	12500 / 17900 (L)	14200 / 18400 (L)	18000 / 36000 (L)			
	Weight (NW)	kgs	5304 x 2130 / 7584 x 2130 (L)	6160 x 2230 / 8160 x 2230 (L)	8700 x 3158 / 11700 x 3158 (L)			

All specifications are subjected to change without prior notice.