



TC 200 (M) (L) TO TC 300 (M) (L) SPECIFICATIONS

MODEL	UNIT	TC 200 (M) (L)	TC 250 (M) (L)	TC 300 (M) (L)
CAPACITY	No. of axis		2-axis / 3-axis (M)	2-axis / 3-axis (M)
	Swing over bed	mm	Ø460	Ø600
	Max. turning diameter	mm	Ø280	Ø316
	Working length	mm	455 / 690 (L)	435 / 1290 (L)
SPINDLE	Spindle nose	ISO	A2-6	
	Spindle bore	mm	Ø61	Ø77
	Bar capacity	mm	Ø52	Ø65
	Range of spindle speed	rpm	25 – 4200	25 – 3500
	Live tools speed (M)	rpm	25 – 4000 (M)	
CHUCK	Chuck size	mm (in)	Ø200mm (Ø8")	Ø250mm (Ø10") Std. 254mm (Ø10") Opt: 304mm (Ø12")
TURRET	Tool station (random)	Station	2-axis: Hyd LS-160A-8 direct type 3-axis: Servo turret / power turret	2-axis: Hyd LS-240-12 direct type 3-axis: Servo turret / power turret
	O.D. tooling	mm	Ø25 x 25	
	I.D. tooling	mm	Ø32	Ø40
CROSS SLIDE (X-AXIS) & CARRIAGE (Z-AXIS)	X-axis travel	mm	165 (140+25)	185 (158+27)
	Z-axis travel	mm	490 / 740 (L)	490 / 1340 (L)
	Rapid travel speed (X-axis)	m/min	30	
	Rapid travel speed (Z-axis)	m/min	30	
	Cutting feed rate (Both-axis)	mm/rev.	0.001 – 500	
	Dia. of ball screw (X-axis)	mm	Ø32 P10	
	Dia. of ball screw (Z-axis)	mm	Ø36 P10	Ø40 P10
MOTOR	Spindle	kW	a P18i (9/11)	a P22i (11/15)
	X-axis	kW	a 12Bi (1.8)	
	Z-axis	kW	β 12is (1.8)	a 12i (1.8)
	Hydraulic oil pump	kW (HP)	1.5 (2)	
	Coolant pump	kW (HP)	0.75 (1)	
PROGRAMMABLE TAILSTOCK	Quill dia.	mm	Ø75	Ø90
	Quill stroke	mm	85	100
	Taper of centre	MT	MT 4	
	Tailstock travel	mm	415 / 660 (L)	380 / 1230 (L)
TANK CAPACITY	Hydraulic tank	Litre	40	60
	Coolant tank	Litre	115	190
MEASUREMENT	Height	mm	1750	2050
	Weight (NW)	kgs	4500 / 5100 (L)	5000 / 6500 (L)
	Floor space (L x W)	mm	2440 x 1600 / 2900 x 1600 (L)	2600 x 1845 / 3800 x 1845 (L)

All specifications are subjected to change without prior notice.