

Capacity:	Unit	SC-6	SC-8	SC-10	SC-12
Chuck size	mm	160	210	250	300
Turning length between centre	mm	375/ 600/ 1000			
Max Turning diameter between centre	mm	200	250	250	300
Swing over cross slide	mm	240			
Swing over way covers	mm	450			
Max. Bar work size	mm	35	42	62	80
Slant angle to horizontal	deg	35			
Headstock:					
Spindle nose	-	A2-5	A2-6		A2-8
Hole through spindle	mm	45	58	76	90
Front bearing dia	mm	75	90	110	130
Spindle speed range	rpm	45-4500	40-4000	35-3150	30-3000
Constant power speed range	rpm	1125-3750	1000-3000	855-2570	1000-3000
Spindle motor power	KW	5.5/7.5	7.5/11	11/15	18.5/22
Spindle centre height	mm	1000			
Axes:					
X-axis stroke	mm	170			
Z-axis stroke	mm	375/ 600/ 1000			
Ball-screw dia & Pitch	mm	Ø32x10P			
Axes motor power and torque	Nm	6/8	12	12	22
Rapid rate	m/min	20			
Feed rate	mm/min	12000			
Turret & Tooling's:					
Turret type	-	Electromechanical			
Number of stations	-	8			
Positioning Accuracy	deg	+/-6"			
Repeatability	deg	+/-2"			
Type of Disc	-	Oct - Slotted wedge type			
Turning tool size	mm	25x25			
Boring bar size	mm	40			
Tailstock:					
Quill diameter	mm	85			
Tailstock centre	-	MT-5			
Quill movement	mm	100			
Tailstock travel	mm	250			
Maximum thrust at 25 bar	N	7000			
Tank Capacity:					
Coolant tank with chip trolley	ltr	90			
Coolant tank with chip conveyor	ltr	100			
Hydraulic tank capacity	ltr	45			
Machine Size & Weight:					
Lx Wx H(approx)	mm	2200x1450x1650			
Weight (approx) Co. chip conveyor	kg	3200	3400	3600	4000
CNC System:					
Fanuc /Siemens					
No. of axes	-	2			
Electricals	-	415V, 3Phase, 50Hz			
Control voltage	-	24V DC			
Total connected load (Approx)	KVA	20	30	40	50
Accuracies					
Positioning accuracy x/z	mm	0.010/0.015			
Repeatability accuracy x/z	mm	0.004			
Note : All specifications in this catalogue are subject to change without notice.					