

# New TB 42 / 60 CNC

## Machine Specifications :

Capacity:	Unit	TB-42 CNC	TB-60 CNC
Collet size (DIN 6343)	mm	42	60
Max Turning dia	mm	42	60
Swing over way covers	mm	130	130
Headstock:			
Spindle nose (Std/optional)	-	Flange/A2-5	Flange/ A2-6
Bar size (Maximum Outside dia)	mm	42	60
Front bearing dia	mm	85	110
Spindle speed range	rpm	45-4500	40-4000
Spindle motor power cont. /30min	kW	3.7 / 5.5	5.5 / 7.5
Spindle centre height from floor	mm	1200	1200
Axes:			
X-axis stroke	mm	58	68
Z-axis stroke	mm	160	160
Ball-screw dia & Pitch mm X & z axis	Dia	25x5p	25x5p
Rapid rate X/Z	m/min	10	
Feed rate	m/min	5	
Cross/Vertical slides (B-axis)	Nos	1 / 2	
Cross/Vertical slides travel	mm	40	
Tool shank size slides	mm	12 x 12 OR 16 x 16	
Turret & Tooling's:			
Turret type	-	Servo Driven	
Number of stations	-	8	
Indexing time 45 deg / 180°	sec	0.6/ 1.70	
Positioning Accuracy	min	+/-6"	
Repeatability	min	+/-2"	
Turning tool size	mm	12 x 12 OR 16 x 16	
Boring bar size	mm	25.4H7 (1")	
Tank Capacity:			
Coolant tank with chip conveyor	ltr	90	
Lubrication tank capacity	ltr	3	
Hydraulic tank capacity	ltr	40	
Machine Size & Weight:			
L x W x H (approx with chip conveyor)	mm	2700 x 1310 x 1700	
L x W x H (approx with chip tray)	mm	1870 x 1310 x 1700	
Weight (approx)	kg	2500	
CNC System:			
No. of axes	-	3 (Fanuc)	
Electricals	-	220V, 3 Phase / 50Hz / 60Hz	
Control voltage	-	24 V DC	
Total connected load (Approx)	KVA	20	
Note : All specifications in this catalogue are subject to change without notice.			