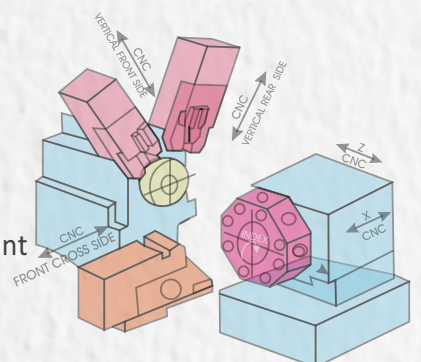




TB - 42/60 CNC

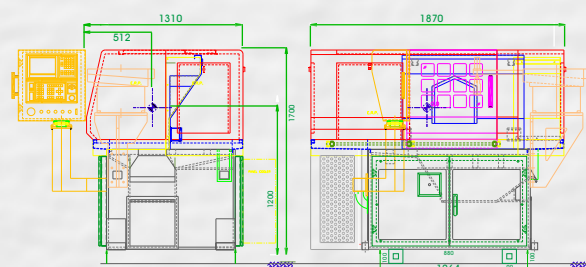
STRONG, ACCURATE PRECISE CNC AUTOMAT

- ▶ Three axis machine, turret and three plunge slides
- ▶ High speed spindle with built in precision collets system
- ▶ Integral hardened and precision ground X, Z guide ways
- ▶ Precision slides with latest servo motor and absolute encoder
- ▶ Precision ball screws double nut-flange FF mounting pre-stretched
- ▶ Compact foot print 2.6 Sq. M 1900 X 1400 mm
- ▶ Hydraulic power operated work holding system
- ▶ Built in control cabinet with safety interlocks
- ▶ Latest FANUC / Siemens control system
- ▶ Variety of optional features to meet total customer requirement



SPECIFICATION : TB 42 / 60 CNC

Capacity	Unit	TB-42 CNC	TB-60 CNC
Collect Size (DIN 6343)	mm	42	60
Max. Turning Dia.	mm	42	60
Swing Over way Covers	mm	130	130
Head Stock			
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./30 min.	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
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	9-Feb	
Tool Shank Size Slide	mm	12x12 or 16x16	
Turret & toolings's			
Turret Type	-	Servo Driven	
Number of Stations	Nos.	8	
Indexing time 45° / 180°	sec	0.6/1.70	
Positioning Accuracy	min	+/-6"	
Repeatability	min	+/-2 2"	
Turning Tool Size	mm	12x12 or 16x16	
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 11310 x 1700	
Weight (approx)	kg	2500	
CNC Systems			
No. of axes	-	3 (Fanuc)	
Electricals	-	220V, 3 Phase / 50Hz / 60 HZ	
Control Voltage	-	24 V DC	
Total Connected Load (Approx)	KVA	20	
Note : All specifications in this catalogue are subject to change without notice.			



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