

## **MT-5 series-TF-1300NCH-III/TF-1600NCH-III**

### **Features :**

1. Roller bearing at basement is built round a double column offer max. Max rigidity and accuracy.
2. Protection design for limited safety is used in every transmission section.
3. Bed is solid construction, it reinforced by rubs. It provides a positive rocking proof foundation format, stability.
4. Spindle main gear are made of SCM material all through harden and precision grinding.
5. Precision heavy duty installation.
6. Precision heavy duty & electric system.
7. 7 "touch screen.
8. You can adjust the speed of spindle and feeding by every operation.
9. The depth of drilling and tapping can be set and memorized randomly
10. With auto. Chip break function.
11. Spindle motor has torque load setting for safety and protection.
12. With human operation for saving operation time, and lower the working time to increase effect.
13. This model can install rotary table for auto.

### **Specification :**

ITEM Type				TF-1300N CH- III	TF-1600N CH- III
Capacity		Stell Steel		55	55
		Cast iron		66	70
Maximum working energy		Stell Steel		M50	M50
		Cast iron		M60	M60
		Stell Steel		100	126
		Cast iron		160	186
Spindle stroke			H	250	300
Spindle up and down travel					
Size of morse Taer				5	5
The spindle hole is designed to be pushed					
Spindle speed				HL two-speed stepless speed	
Spindle speed change					
				(HL variable speed by inverter) 20-1500RPM	
Spindle Feeds				DC drive system	
Spindle feed range					
				DC motor	

		1-650mm / min distance	
Column Diameter	A		
Column diameter		300	336
Max.distance, column sarace spindle center	B		
The maximum distance from the column to the center of the spindle		1250	1600
Min.distance, column sarace spindle center	C		
The minimum distance from the column to the center of the spindle		330	400
Horional Travel of Meadstock	D		
The spindle moves around the left and right		915	1310
Max.distance, base to spindle	E		
Base to spindle maximum distance		1210	1410
Min.distance, base to spindle	F		
Base to spindle minimum distance		290	260
Overall height of column	G		
Mechanical full height		2160	2410
Machine height of column	I		
Maximum mechanical height		2585	3150
Dimensions of hase [L x H xK]			
Base size		1800 x800 x 170	2350x920x220
Effective area of table [R x S x T]			
Workbench effective area		650 x 500 x 410	800x540x400
Spindle drive motor [HP]			
Spindle motor		5HP6P	
Arm elevation motor [HP]			
Swing arm drive motor		2HP	
Coolant pump [HP]			
Cool the pumpkin		1 / 8HP	
Oil motor [HP]			
Hydraulic motor		1HP	
Inverter			
Frequency converter		7.5HP	
Touching control screen			
Touch screen		10 "	

Net weight -Approx [kg]			
net weight		2150kgs	3150kgs
Groos weight-Approx [kg]			
Total weight		2250 kgs	3250kgs
Measurement [L x W x H]			
Packing size		2290 x 1100 x 2230	2850x1210x2540

**STANDARD ACCESSORIES:**

1.tools 2.cooling pump 3.lamp 4.table

**OPTIONAL ACCESSORIES**

Rotary table

**Standard equipment:** Toolbox / cooling system / work lights / work chairs.

**Special accessories:** NC round rotary disc