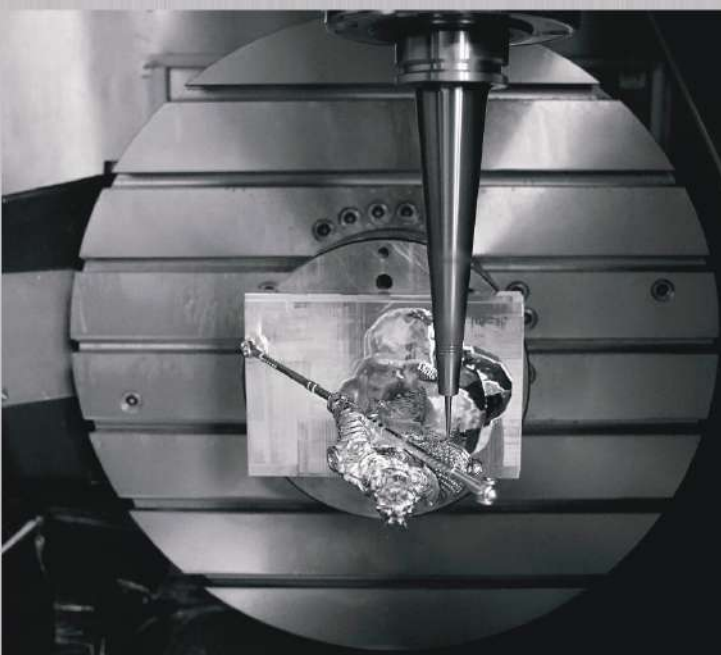




**High Stability, High Rigidity
Inventive & Intelligent Creation**



QUALITY COMES FROM CONFIGURATION, SERVICE COMES FROM HEART

DONGGUAN BAOKE PRECISION MACHINERY CO., LTD.
BAOFENG PRECISION MACHINERY(GUANGDONG)CO., LTD.
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DONGGUAN BAOKE PRECISION MACHINERY CO., LTD.

T Series Drilling & Tapping Machining Center

- ▶ Large A-shaped column, X/Y/Z axis rapid speed 48M/min, acceleration up to 1G.
- ▶ Rigid tapping speed S4000rpm, specification M10 (AL6061).
- ▶ The back-flushing with a powerful chip removal device, no need to stop the machine for cleaning.
- ▶ Improved tool exchange structure, (T-T) tool exchange time 1.7S.



Z-axis extended slider

Standard servo tool magazine for quick tool change(T-T): 1.7 seconds

Tool holder cleaning function before tool exchange

Standard configuration



FANUC

- ▶ Workpiece blowing system
- ▶ Tool Chip flushing system
- ▶ Central lubrication system



MITSUBISHI

- ▶ Spindle oil coolant
- ▶ Handwheel
- ▶ Heat exchanger



HNC

- ▶ Chassis chip removal system
- ▶ Guideway protection cover
- ▶ Full enclosed metal cover



SIEMENS

- ▶ Alarming light
- ▶ Working light
- ▶ BT30-21T servo tool magazine

Option



BT30 side milling tool holder



Oil mist collector



Tool setter



4th axis rotary table



5th axis rotary table



High speed, high efficiency

Ideal for mass production processing!



T series drilling and tapping machine

Item	Unit	BF-T6	BF-T7	BF-T10
Travel				
X axis travel	mm	600	700	1000
Y axis travel	mm	400	450	600
Z axis travel	mm	300	330	330
Spindle nose to table surface	mm	150-450	150-464	200-500
Spindle center to column	mm	420	480	420
Worktable				
Table size	mm	700x420	800x420	1100x500
Max.worktable load	kg	400		500
Dimension of T-slot	mm	3-14x125		3-14x125
CNC controller				
Standard controller (FANUC)		0i-MF Plus		
Standard controller (Mitsubishi)		M80		
Standard controller (Siemens)		828D		
Spindle				
Drive type		Direct Drive		
Spindle speed	rpm	20000		
Spindle taper		BT30		
Spindle motor power (FANUC)	kW	5.5		
Spindle motor torque (FANUC)	Nm	14.1/17.5/28.7		
Spindle motor power (Mitsubishi)	kW	5.5		
Spindle motor torque (Mitsubishi)	Nm	14.1/17.5		
Spindle motor power (Siemens)	kW	4.8		
Spindle motor torque (Siemens)	Nm	57/63		
Axis				
Axis feed motor-X/Y/Z(FANUC)	kW	2.5/2.5/2.7		2.5/2.5/2.7
Axis feed motor-X/Y/Z(Mitsubishi)	kW	1.5/1.5/3.0		2.0/2.0/3.0
Axis feed motor-X/Y/Z(Siemens)	kW	2.85/2.85/3.55		2.85/2.85/3.55
Axis torque-X/Y/Z(FANUC)	Nm	XY:8/32 Z:12/46		XY:8/32 Z:12/46
Axis torque-X/Y/Z(Mitsubishi)	Nm	XY:9/42 Z:22.5/64	XY:7.2/25.1 Z:22.5/64	XY:13.7/47 Z:22.5/64
Axis torque-X/Y/Z(Siemens)	Nm	XY:12/36 Z:22/66		/
Rapid feed rate-X/Y/Z(FANUC)	m/min	48/48/48	36/36/36	48/48/48
Rapid feed rate-X/Y/Z(Mitsubishi)	m/min	48/48/48	36/36/36	48/48/48
Rapid feed rate-X/Y/Z(Siemens)	m/min	48/48/48	36/36/36	48/48/48
Accuracy				
Positioning accuracy(bi-direction)	mm	0.003/300		
Repeat positioning	mm	0.002/300		
Machine				
Air pressure	kg/cm²	6-7bar		
Machine dimension (Length)	mm	1800		3300
(Width)	mm	2500		2400
(Height)	mm	2400	2650	2700
Machine weight	kg	3700	4000	4800

E series engraving and milling machine

Item	Unit	BF-600TP	BF-650E	BF-870E
Travel				
X axis travel	mm	600		800
Y axis travel	mm	400	500	700
Z axis travel	mm	500	250	350
Spindle nose to table surface	mm	150-650	70-330	40-390
Spindle center to column	mm	456	/	/
Worktable				
Table size	mm	700X420	600x500	800x600
Max.worktable load	kg	400		500
Dimension of T-slot	mm	3-14x135	5-16x100	
CNC controller				
Standard controller		0i-MF Plus(Fanuc)	22MA(Syntec)	
Standard controller (Mitsubishi)		M80B	E80	
Spindle				
Drive type		Direct Drive	Built-in	
Spindle speed	rpm	20000	24000	
Spindle taper		BT30	ER32	
Spindle motor power	kW	5.5(Fanuc)	7.5	
Spindle motor torque	Nm	14.1/17.5/28.7(Fanuc)	8	
Spindle motor power (Mitsubishi)	kW	5.5	7.5-24000 rpm	
Spindle motor torque (Mitsubishi)	Nm	14.1/17.5	8	
Axis				
Axis feed motor-X/Y/Z	kW	2.5/2.5/2.7(FANUC)	0.85/0.85/0.85(Syntec)	1.3/1.3/1.3(Syntec)
Axis feed motor-X/Y/Z(Mitsubishi)	kW	1.5/1.5/3.0	1.0/1.0/1.0	1.5/1.5/1.5
Axis torque-X/Y/Z	Nm	XY:8/32 Z:12/46(FANUC)	5.39/14.2(Syntec)	8.34/23.3(Syntec)
Axis torque-X/Y/Z(Mitsubishi)	Nm	XY: 9/42 Z: 22.5/64	4.8/16.7	7.2/25.1
Rapid feed rate-X/Y/Z	m/min	48/48/48	12/12/12	
Rapid feed rate-X/Y/Z(Mitsubishi)	m/min	154/154/303	12/12/12	
Accuracy				
Positioning accuracy(bi-direction)	mm	0.003/300	0.005/300	
Repeat positioning	mm	0.002/300	0.003/300	
Machine				
Air pressure	kg/cm ²	6-7bar		
Machine dimension (Length)	mm	1800	1850	2440
(Width)	mm	2500	2000	1930
(Height)	mm	2650	2330	2400
Machine weight	kg	3800	3500	4000