

# technical protocol

**Product name: Drill center**

**Model: T-600P**



(Images are for reference only)

**Supplier: Takasaki Intelligent Equipment (Lishui) Co., LTD**

**Buyer:**

## Technical Specifications of T600P

project		unit	specifications		
navar			FANUC Oi - MF Plus	Mitsubishi M80B	22MA SYNTEC
Spindle motor			ai13/12000-B SP	SJ-DG5.5/120-04T	S08-M12-12B4-0C1
X-axis motor			aiS8/4000	HG154S-D48	AM8
Y-axis motor			aiS8/4000	HG154S-D48	AM8
Z-axis motor			aiS12B/4000 ( band-type brake )	HG224BS-D48 ( band-type brake )	AM18 ( band-type brake )
Spindle motor	Spindle motor	kw	Rated power 3.7 Short-term rated power 5.5 Maximum power at acceleration 12	Rated power 3.7 Short-term rated power 5.5 Maximum power at acceleration 7	Rated Power 7 Short-term rated power 11 Maximum power at acceleration 17
	torsion	N.m	Continuous rated torque 42	Rated torque 23.6 Short-term rated torque 35 Maximum torque at acceleration 47.7	Rated torque 22 Short-term rated torque 35 Maximum torque at acceleration 54
staging	bed dimension	mm	700*420		
	T-slot dimensions (slot width * number of slots * center spacing)	mm	14T*3*125		
	Maximum workbench load	kg	250		
route or distance of travel	X/Y/Z-axis travel	mm	600*400*330		
	Distance from spindle end face to worktable	mm	150-480		
	Distance from the spindle center to the column guide rail	mm	464		
principal	Spindle taper		BT30(Φ100)		

axis	hole/diameter		
	main shaft speed	rpm	12000
Feed rate	Fast movement (X/Y/Z axes)	mm/min	48/48/48
Automatic Tool Change System ( automatic )	Number of tools	T	21
	Change blade method		Flip
else	Machine weight	kg	2600

Note: The floor area is subject to actual drawings

## II. Main configuration details

name of a part		specifications	place of production	manufacturer
ball screw	X axle	28*16	Taiwan	PMI/HIWIN
	Y axle	28*16		
	Z axle	32*16		
spherical guide	X axle	30*2	Taiwan	PMI/HIWIN
spherical guide	Y axle	30*2	Taiwan	PMI/HIWIN
roller guide	Z axle	30*2	Taiwan	PMI/HIWIN
principal axis		BT30-φ100-12000rpm	Taiwan	Speedcn
tool magazine		BT30-21T flip	China	Speedcn
electrical apparatus element		Important components	France	Schneider
pneumatic component		Important components	Taiwan	Jinqi
extensible cover		Important components	Taiwan	Speedcn
chip conveyor		Back Sizing	China	Takasaki

### III、Optional configuration

Electrical cabinet air conditioner
Spindle oil cooler
Spindle 20,000 rpm/24,000 rpm
Column height

