

technical protocol

Product name: Drill center

Model: T-700P



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

Buyer:

Name: Takasaki Intelligent Equipment (Lishui) Co., Ltd.

Address: No.101 Shangxu Road, Nanmingshan Street, Liandu District, Lishui City, Zhejiang Province

I. Technical Specifications of T700P

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	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	800*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	700*400*330		
	Distance from spindle end face to worktable	mm	150-480		
	Distance from the spindle center to the column guide rail surface	mm	464		
principal axis	Spindle taper		BT30(Φ100)		

	hole/diameter		
	main shaft speed	rpm	12000
Feed rate	Fast movement (X/Y/Z axes)	mm/min	48/48/48
Automatic Tool Change System (apolegam y)	Number of tools	T	21
	Change blade method		Flip
else	Machine weight	kg	2,800

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	32*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 15,000 rpm/20,000 rpm
Column height
Spindle oil cooler

