

This machine model number is PT6:This is designed by PMSK R & D team,This machine can drill 6 side hole and boring and cutting board.

Workflow steps:Through the wireless scan code, the order will be automatically arranged, the automatic positioning, the two clamps clamp the plate, and the six sides are punched in turn. After the processing is completed, the clamp sends the plate to the cutting platform.

Applications:

Furniture industries:panel furniture,cabinet furniture,office furniture and customized furniture etc...

Features:

This machine use Italy import spindle,clamp holding board to moving,The gantry is stable.

Double clamp,the rail use Hiwin long rails,repaid completion of a varied of board drill and boring,to achieve maximum efficiency production

Table:machine table use air floating table.This table can protect the board from scratches,And have pressing plate,in same times can pressing board and drilling hole.

Controller use Higherman from China,it have own CAM software.scan bar code to drill instantly and high precision

Machine technical parameters

Specification of PT3/PT6

Model No.		PT3-1325	PT6-1325
Machine size		4600*2600*2200mm	4600*2600*2200mm
Maximum speed	X axis	130m/min	
	Y axis	65m/min	
	Z axis	15m/min	
Maximum machining speed		20m/min	25m/min
Maximum working size(mm)		1220x3100	1220x3100

Minimum working size(mm)	50x200	50x200
Distance from end of spindle to working table	30-230mm	
Structure	Gantry type beam moving	
Transmission type	X/Y axis by rack(M1.5)	
	Z axis by screw(TBI 2510)	
Structure of working table	Air floating table	
Spindle (speed is 3000-18000r/min)	3.5KW	3.5KW*2
Tools collet	ER32	
Drill head type	12V+8H	12V+8H and 9V
Driving system	Servo drivers	
Control system	CNC drilling system	CNC drilling system
Command code	G code	
Power	15KW	18.5KW
Voltage、 Air pressure	3P AC 380V/50HZ 、 $\geq 6.5\text{Kgf/cm}^2$	
Main components' brand		
Spindle	JST or CC 3.5 KW	
Drill unit(PT3)	Protean 12V+8H, 2.2KW from Taiwan	
Drill unit(PT6)	Protean 12V+8H, 2.2KW and 9V, 2.2KW from Taiwan	
Driving system	Delta	
Reducer	SHIMPO from Japan	
Rail	HIWIN or PMI or LAPPING	
Rack	WMH Herion 1.5M	

Ball screw	TBI 2510
Pneumatic electromagnetic valve	JELPC
Electrical parts	SCHNEIDER from France
Tools	6mm straight double-edged
Drills	One set
Barcode scanner gun	Wireless scanning gun
Dust collector	3KW