

TIGERTEC
CNC excellence

Foundry Pattern Machine

PT710



TigerTec PT710 is designed with flexibility in mind and you can use this model for any CNC project in foundry industry. We use more stronger parts for the whole machine to ensure you can get higher accuracy and speed, but with an affordable price. We also offer some options for this machines, different power of spindles, motors and special size as request.





Strength

Heavy duty welded steel structure guarantees solidity and absence of vibration, for consistent product quality over time.

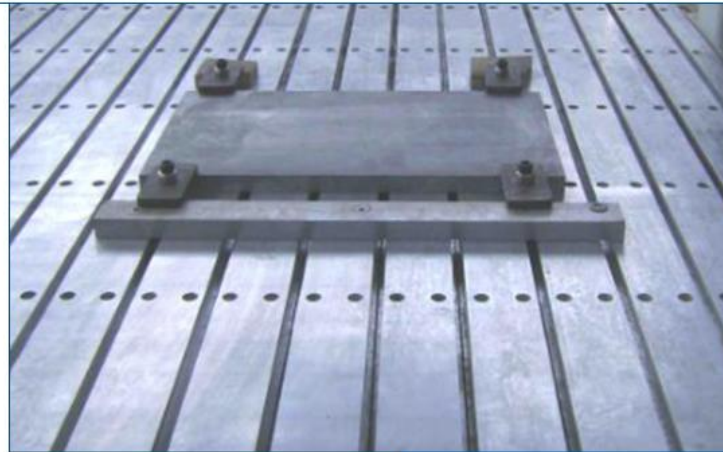


Table Top

T-slot solid Aluminum table with T-Nuts and Clamps included.



HSD ATC Spindle

Quality power reliability precision, available with 9.5kw-18kw Automatic Toolchange Spindle



Motors and Drives (SIEMENS)

Absolute Servo with high precision Planetary Reducer on all axis.



Tool Magazine

12-16-24 positions for your option as request.



Siemens 808D Advance Milling Control system

The Best Value, Low-Cost CNC system available with Maximum Precision and Accuracy



TigerTec Foundry Pattern Machine is a 3-axis gantry CNC machine with a solid table and automatic tool changer widely applied for prototypes, molds and production parts.

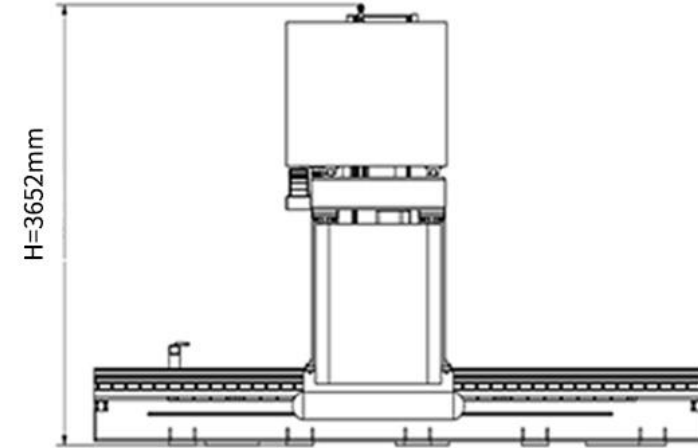
Class Leading features:

- * High precision and reliability over time.
- * High Speed absolute Servo Drives on all axes.
- * Rack and Pinon on X and Y using Planetary Gear Boxes, Ball Screw on Z-axis
- * Installation of linear rail for XY-axes is designed to increase precision and reliability standards for the execution of machining operations.
- * Wide range of table sizes available covers all the standard panels size in the nesting industry and customers can choose the most suitable machine for their needs.



Applications:

Solid wood, styrofoam, wax, plaster of paris, aluminum and foam patterns are well suited for high speed milling. 3-axis CNC machines is particularly suitable for automotive foam mold, Volvo body industries wooden ship model, wooden model aviation, trains and other wooden mold. This size allows us to minimize setup times and cut patterns larger than the industry norm.



Technical Specification:

Model No:	PT510/PT710/PT712
Working area(X-Y):	1500*3000mm, 2000*3000mm, 2000*4000mm
Working area (Z-axis):	400/600/900mm
Travelling Speed:	30m/min (X-Y), 15m/min (Z-axis)
Spindle Motor:	9.5-18KW, HSD, 3000-24000RPM 7.0KW Milling Spindle, 6000-12000RPM
Power Input:	380V, 3PH, 50/60HZ
Tool holder:	ISO30 / HSK63F / BT40
Magazine No:	8-16 pcs
Controller:	SIEMENS / SYNTEC
Driving System:	Absolute Servo with high precision Planetary reducer
Transmission X, Y & Z:	Helical WMH herion of Germany, HIWIN linear rail
File transfer Mode:	TCP/IP or USB
Command Code:	G code

