



5-axis CNC Milling Machine

Techmaster 5AX

Affordable version 5-axis

5 Control System

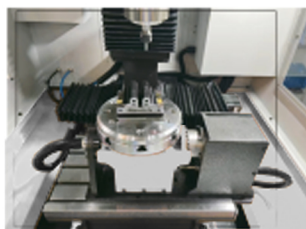
A five axis CNC system based on PC, with 3D tool path simulation and RTCP function for workpieces, used for teaching and industrial production.

Features

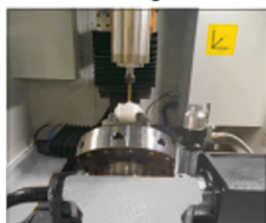
- Support 5-axis linkage interpolation;
- Support RTCP function and 3+2 function
- Support absolute value encoder function (without installing origin switch);
- Support encoder feedback and grating ruler feedback;
- Compensation for pitch error
- Add dual speed forward function
- Support stl 3D graphic processing preview
- Support the function of cutting off, power-off, and continuous connection, as well as skip segment processing;
- Directly compatible with processing programs from SIEMENS, HEIDENHAIN, FANUC, SYNTEC, GSK, and HNC systems



High speed electric spindle



Vice fixed on worktable



Working





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Specification

Control system	CHESTER		Spindle	Spindle taper	ER11
				Spindle speed	24000r/min
Travel	Rotary table size	160mm		Spindle power	0.8kW
	Worktable load	10kg	Accuracy	X/Y/Z Positioning accuracy	<0.015mm
	X Axis Travel	240mm		A/C Positioning accuracy	<30arcsec
	Y Axis Travel	220mm		X/Y/Z Repeatability accuracy	<0.015mm
	Z Axis Travel	280mm		A/C Repeatability accuracy	<20arcsec
	A Swing angle	-30° ~ +110°			
	C Swing angle	360°			
Rapid Speed	X/Y/Z Straight fast feed	5000mm/min	Others	Voltage	Single phase 200V
	A Swing speed	20rpm		Total power	3.6kW
	C Swing speed	20rpm		Machine size	1600 x 960 x 2000mm
				Machine weight	400kg