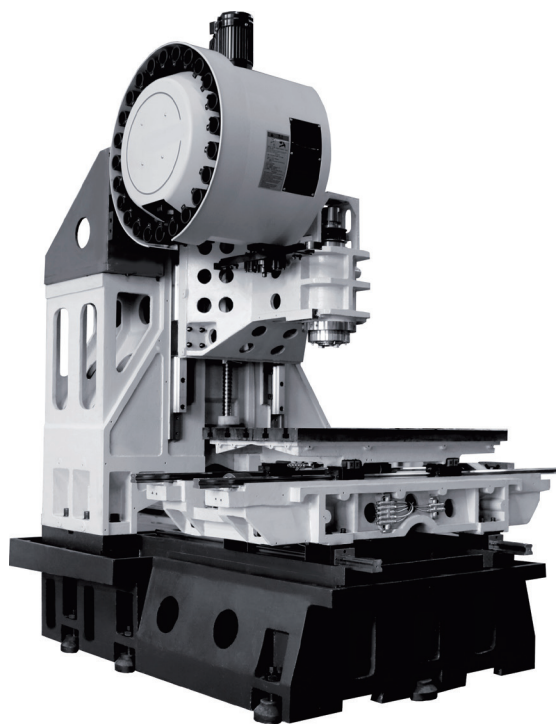


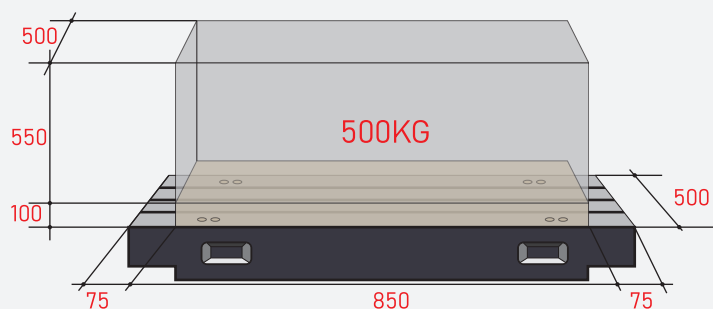
02 P Series Basic Features

VMC850P/VMC1000P Best Performance & Top Selling Vertical Machining Center

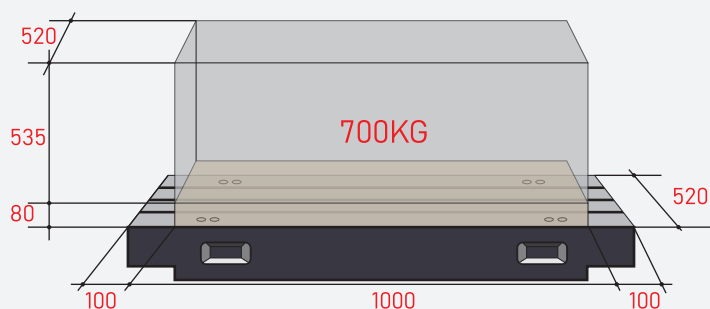


- **Spindle type**
VMC850P/VMC1000P Belt type spindle 8000/10000rpm
V8P/V10P Direct drive spindle 12000/15000rpm
- **Rapid Traverse Rate (X/Y/Z axis)**
48/48/32 m/min
- **Travel (X/Y/Z axis)**
VMC850P 850/500/550 mm
VMC1000P 1000/520/535 mm

Worktable & Machining Area



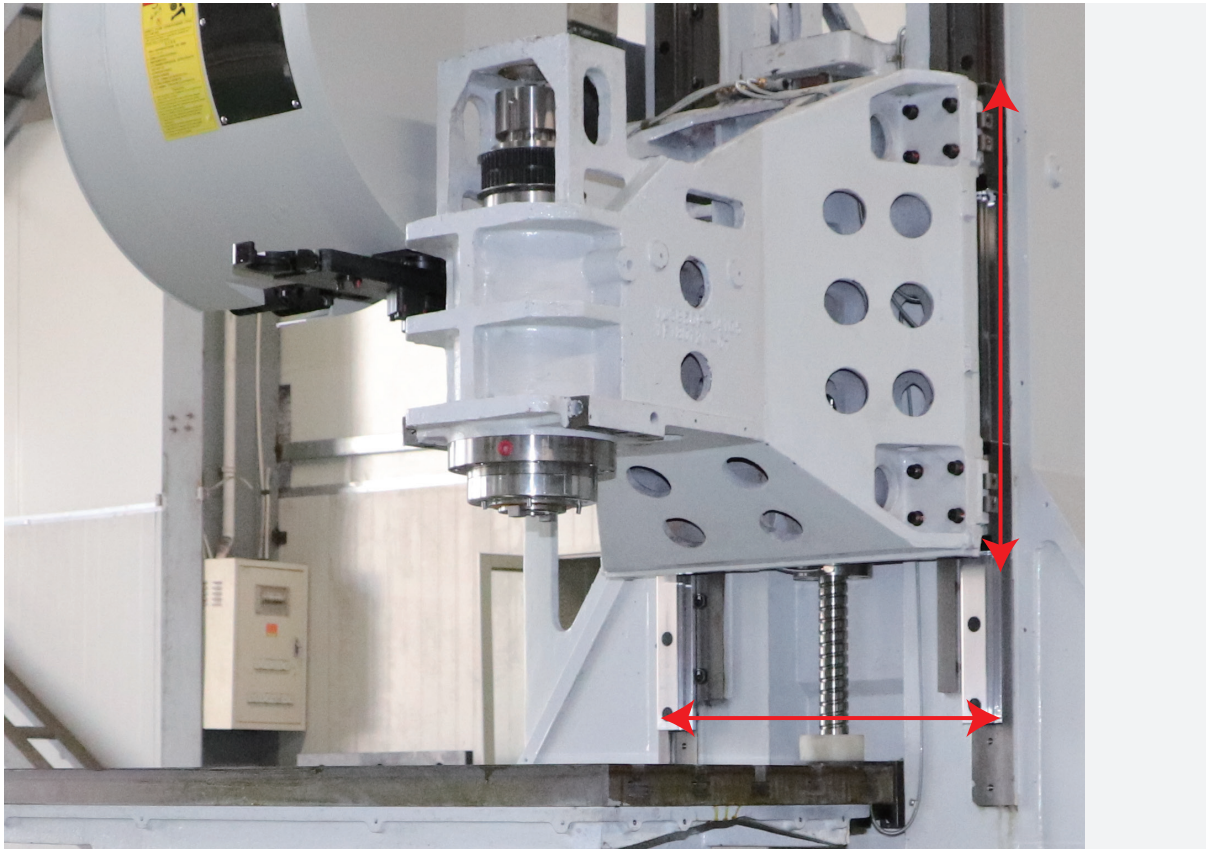
● VMC850P



● VMC1000P

Best Performance & Top Selling Vertical Machining Center

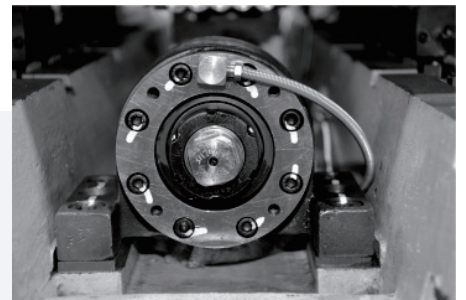
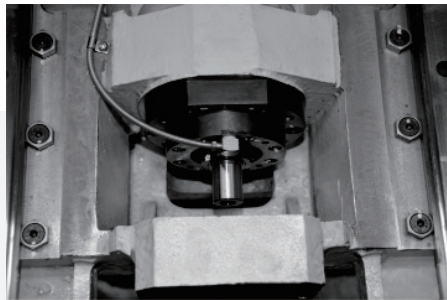
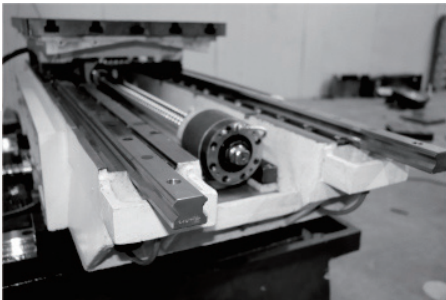
- P series is the top selling machine series due to its excellent integrated machining performance on rigidity and accuracy. It is designed by SINO independent R&D department who collects enough feedback from nearly 10000 sets SINO VMC in the market.



01

High power, high torque headstock

Large span of Z axis guideway and big contact ratio between spindle case and column ensure a high torque of headstock.



02

Preloaded and double anchored ball screw

3+2 precision angular contact bearing ensure outstanding positioning and repeatability with virtually no thermal growth.

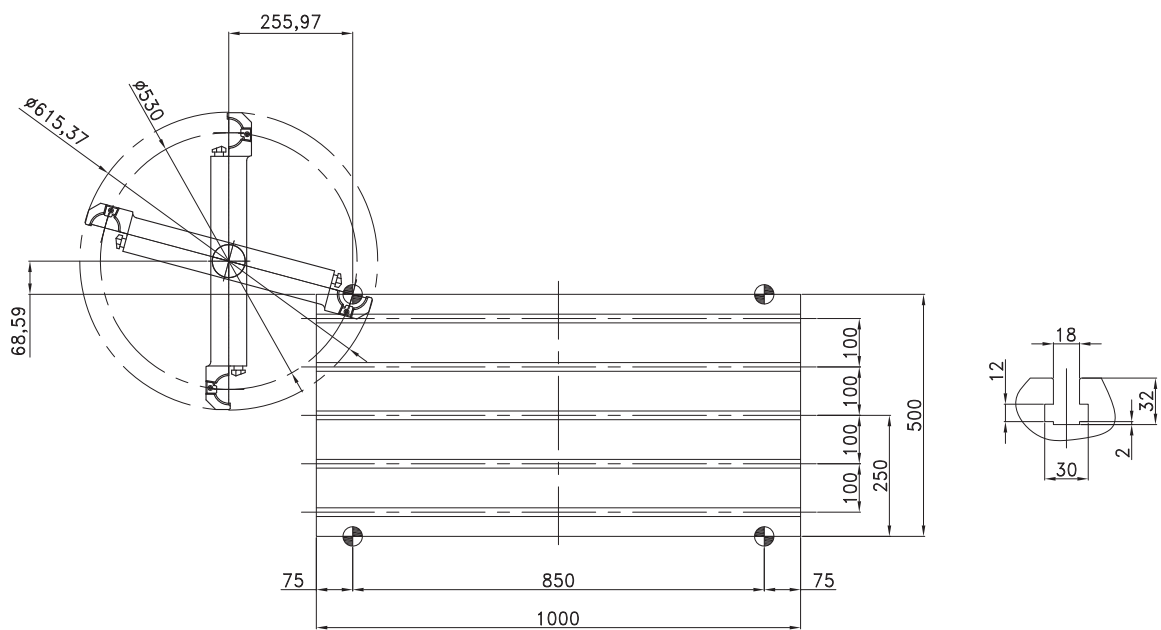
Intergrated ball screw housing ensure long stay accuracy.

SPECIFICATIONS

ITEM			VMC850P		V8P	VMC1000P		V10P
Table	Table size	mm	1000x500			1200x520		
	Max. load capacity	kg	500			600		
	T-slots	mm	5x18-100			5x18-100		
	Distance from table surface to spindle	mm	120-670			100-635		
	Distance from table to floor	mm	900			900		
Spindle	Spindle taper		BT40			BT40		
	Spindle rpm	rpm	8000		12000	8000		12000
	Spindle power output	kw	11/15		7.5/11	11/15		7.5/11
	Spindle torque	N.M	52.5		35.8	52.5		35.8
	Spindle driving method		belt		direct	belt		direct
Feed	Travel (X/Y/Z)	mm	850/500/550			1000/520/535		
	Distance from column to spindle center	mm	582			582		
	Rapid traverse rate	m/min	48/48/32			48/48/32		
	Slide type		LM guide			LM guide		
ATC	Number of tools	T	24			24		
	Max. tool diameter	mm	78/120			78/120		
	Max. tool length	mm	300			300		
	Max. tool weight	kg	8			8		
	Tool change time	sec	2.5			2.5		
Accuracy	Positioning accuracy	mm	0.008			0.008		
	Re-positioning accuracy	mm	0.005			0.005		
Power supply	Air consumption	kg	6-8			6-8		
	Electric power supply	KVA	20			20		
	Voltage	V/HZ	380/50			380/50		
Machine	Machine dimension	mm	2460×2355×2860			2460×2355×2860		
	Machine weight	kg	5500			5800		

SPECIFICATIONS

VMC850P



VMC1000P

