

VP-HS SERIES

Bridge Type Machining Centers



- Built-in spindle with speed up to 20,000 rpm could achieve excellent surface finish to achieve high precision accuracy mold cutting requirements.
- Z-axis is directly driven with high level servo motor by super large diameter ball screw achieving excellent axis accuracy and dynamic response.
- New generation high rigidity machine base with special reinforced ribs, anti-vibration and chip removal capabilities is greatly enhanced.
- High rigidity crossbeam is made of one-piece Meehanite casting offer abundant support rigidity for headstock.
- X / Y / Z roller type linear guide ways featuring both heavy cutting capability and fast movement.
- Three axes could be equipped with high resolution Heidenhain linear scale achieving ultimate accuracy.



Rotary table will be optional available.

Optimized Z-axis feed system

- Servo motor direct driving
- Upgrade fine pitch ball screw and servo motor
- Ball screw cooling system

		VP-2012HS	VP-3012HS
X-axis travel	mm	2,000	3,000
Y-axis travel	mm	1,200	
Z-axis travel	mm	760	
Table size (X x Y)	mm	2,000 x 1,100	3,000 x 1,100
Table load capacity	kg	3,500	4,500
Spindle speed	rpm	(15,000 / 20,000) *1 , (10,000 / 12,000) *2	
Spindle motor (cont. / 30 min.)	kW	(15 / 18.5) *1 , (22 / 26) *2	

*1 : BT40 *2 : BT50

Specifications are subject to change without notice.