

**technical data: GIMAX series floor-type CNC boring & milling machine center**

Model #		GIMAX160	GIMAX180	GIMAX200	GIAMX250		
Boring bar diameter	mm	Φ160	Φ180	Φ200	Φ250		
Ram section	mm	480 × 480	550 × 550		600 × 600		
Taper of spindle		ISO NO.50		ISO NO.60			
Speed range of spindle	rpm	0~2000	0~1500		0~1250		
Power of spindle motor	rpm	40	60	100	105		
Horizontal stroke of column (X-axis)	mm	8000 + n×1000					
Vertical stroke of headstock (Y-axis)	mm	3000~4000	3000~5000	4000~6000	4000~7000		
Vertical stroke of boring bar (W-axis)	mm	800	1000	1250	1500		
Ram stroke (Z-axis)	mm	1000		1250	1500		
Feed rates of X- and Y-axis	mm/min	5~6000	5~6000	5~6000	5~3000		
Feed rates of Z- and W- axis	mm/min	5~6000	5~6000	5~6000	5~3000		
Rapid speeds of X- and Y-axis	mm/min	8000	8000	6000	4500		
Rapid speeds of Z- and W-axis	mm/min	6000	6000	6000	3000		
Capacity of tool magazine (chain type magazine)	pcs	40, 50, 60, 80, 120 (upon customer's request)					
CNC system		Siemens 840D or other brand systems					
Drive device		Siemens 611D					
Overall dimensions		15000 × 7500 × 8000	15000 × 7500 × 9000	19000 × 7500 × 9000	19500 × 6400 × 11500		
Total weight		90	95	115	165		
Rotary table	Table dimension (L)	mm	2500 × 2500	3000 × 3000	3000 × 3500	3500 × 4000	4000 × 4000
	Load capacity	ton	30	45	60	80	100
	Longitudinal linear motion	mm	1500 / 2000 / 3000 / 4000				
	Feed rate of V axis	mm/min	0~2000				
	Rotary angle of B-axis	( * )	N×360°				
<p>1. X-axis stroke can be increased by 1000mm as per requirements. Y-axis stroke can be increased by 500mm as per requirements. Recommended value does not exceed the maximum value in this table.</p> <p>2. W- and Z-axis strokes can be accumulated.</p> <p>3. Attachment milling head can be setup automatically and 1m stroke of X-axis will be occupied for replacing attachment milling head.</p>							