

**technical data: XK21 / XH21 series gantry type boring-milling machine center with moveable crossrail**

Model #		XK2120	XK2125	XK2130	XK2136	XK2140	XK2145	XK2150	XK2160
		XH2120	XH2125	XH2130	XH2136	XH2140	XH2145	XH2150	XH2160
Table area (WxL)	mm	2000 × 5000	2500 × 8000	3000 × 10000	3600 × 12000	4000 × 12000	4500 × 14000	5000 × 18000	6000 × 16000
Distance between columns	mm	2600	3100	3600	4200	4600	5600		6600
Max. bearing capacity of table per meter length	kg/m2	5000	10000		15000			20000	
Longitudinal stroke of table (X-axis)	mm	5500	8500	10500	12500	12500	14500	18500	16500
Transversal stroke of saddle (Y-axis)	mm	3600	4100	4600	5500	5600	6500	6600	7100
Vertical stroke of milling-head ram (Z-axis)	mm	1250	1500		1500				1500/2000
Vertical stroke of crossbeam (W-axis)	mm	1500	1500~3000	1500~3000	2000~3500				3500/4000
Max. separation from spindle nose to table surface	mm	2000	2000/2500	3000/3500	4000			4500	
Taper of spindle		ISO No.50	ISO No.50/60		ISO No.60				
Spindle speed range	spm	5~2000	5~2000		5~1200				
Spindle motor power	kw	40, 50	40, 60, 100		100				
Feed rate of X-, Y- and Z-axis	mm/min	5~5000							
Feed rate of W-axis	mm/min	5~2000							
Rapid speed of X-axis	mm/min	10000							

Rapid speed of Y-axis	mm/min	10000					8000			
Rapid speed of Z-axis	mm/min	5000								
Rapid speed of W-axis	mm/min	2000								
Chain-type tool capacity in magazine (XH21 series configuration)	pcs	40, 50, 60, 80, 120 (optional)								
Overall dimensions (LxWxH)	mm	16500 × 8500 × 7340	25000 × 10900 × 7800	29630 × 11100 × 8340	32000 × 12000 × 9590	34500 × 12000 × 9000	40000 × 12000 × 9000	50000 × 13700 × 9500	46000 × 14700 × 9500	
Total weight, approx.	kg	75000	220000	240000	310000	360000	470000	550000	580000	
Optional milling-heads		Extension, universal, right-angle, double-end, narrow right-angle, countersinking and speeding-up milling heads								
<p>Remarks: 1. The length of table can be increased or decreased by 1000mm.</p> <p>2. Attachment milling-head is optional which can be selected upon request of customer.</p> <p>3. The Y-axis stroke in table is for XK21 series production, it's necessary to add the tool change stroke of magazine to Y-axis stroke if XH21 series product is used.</p> <p>4. Upon request, based on XK21 series CNC Gantry Boring-milling Machine with a Moving Crossrail and XH21 series Gantry Machining Center with a Moving Crossrail, they can be become XKS21 series High-speed Gantry Boring-milling Machine with a Moving Crossrail and XHS21 series Gantry Machining Center with a Moving Crossrail if equipped with a high-speed milling-head. After being equipped with a mechanical high-speed milling-head, the spindle speed can reach 6000spm; after being equipped with a electric spindle high-speed milling-head, its speed range can reach over 10000~30000spm; other technical specifications can also be changed, accordingly.</p>										