

technical data: XKSV24 / XHSV24 5-axis high speed gantry-type boring & milling machine center with fixed crossrail

Model #			XKSV2411	XKSV2414	XKSV2416	XKSV2418	XKSV2420	XKSV2425	
			XHSV2411	XHSV2414	XHSV2416	XHSV2418	XHSV2420	XHSV2425	
Table area (W x L)		mm	1100 × 4000	1400 × 4000	1600 × 4000	1800 × 4000	2000 × 4000	2500 × 5000	
Distance between columns		mm	1500	2000	2000	2200	2600	3100	
Max. bearing capacity of table per meter		kg/m2	2500			3000	4000		
Longitudinal stroke of table (X-axis)		mm	4500						5500
Transversal stroke of saddle (Y-axis)		mm	2500	2500	2700	3050	3300	3850	
Vertical stroke of milling-head ram (Z-axis)		mm	950, 1250, 1500						
Min. distance from spindle nose to table surface		mm	250						
Feed rates of X-, Y- and Z-axis		mm/min	8000/8000/6000						
Rapid speeds of X-, Y- and Z-axis		mm/min	8000						
Rotary angle of A-axis (swing range)		(°)	±110°						
Rotary angle of C-axis (swing range)		(°)	±200°						
Rotary speeds of A- and C-axis		rpm	0–8						
Rapid rotary speeds of A- and C-axis		rpm	8						
Dual-swiveling milling head	Model		VX30/17		VX30/23		VX40/23		VX40/25
	Power of electric spindle (S6/S1)	kw	40/30		34.5/30		91/40		56.8/40
	Taper of spindle		HSK-A 63		HSK-A63		HSK-A 63		HSK-A 100
	Max. spindle speed	rpm	24000		18000		24000		15000
	Spindle torque (S6/S1)	N*m	38.7/29.1		82.4/71.1		93.2/71.1		213/150
Capacity of tool magazine (XHSV)		pc	16, 20, 24, 40, 60 (available)						
CNC system			Siemens 840D or other brand systems						
Overall dimensions (L×W×H)		mm	12000 × 4200 × 6200	12000 × 4800 × 6200	12000 × 5300 × 6400	12000 × 5600 × 6400	12000 × 6000 × 6400	14000 × 8100 × 6800	
Total weight, approx.		kg	38000	42000	47000	52000	60000	72000	
Remarks:									
1. If dual-swiveling universal milling head is used and when A –axis is in vertical position, the distance from spindle nose to table surface can be changed as per requirements.									
2. The length of table is basic and can be increased or decreased as per requirements.									