

technical data: XKV27 series 5-axis traveling gantry boring & milling machine center with fixed crossrail

Model #		XKV2725	XKV2730	XKV2735	XKV2740	XKV2745	XKV2750
Table area (W×L)	mm	2500 × 6000	3000 × 6000	3500 × 8000	4000 × 8000	4500 × 8000	5000 × 10000
Distance between columns	mm	4000	4500	5000	5500	6000	6500
Max. bearing capacity of table	kg/m2	20000					
Longitudinal stroke of gantry (X-axis)	mm	6500		8500			10500
Transversal stroke of saddle (Y-axis)	mm	3500	4000	4500	5200	5800	6000
Vertical stroke length of milling-head ram (Z-axis)	mm	1250/1500			1500/2000		
Max. distance from spindle nose to table surface	mm	1600/2000			2000/2500		
Feed rates of X-, Y- and Z-axis	mm/min	5~5000					
Rapid speeds of X-, Y- and Z-axis	mm/min	8000					
Mechanical dual-swiveling milling head	Model	SVX51			SVX60		
	Rotary angle of A-axis (swing range)	(*)	±95°				
	Rotary angle of C-axis (swing range)	(*)	N×360°				
	Rotary speeds of A-axis	rpm	0~6				
	Rotary speeds of C-axis	rpm	0~5				
	Taper of spindle		ISO No.50				
	Power of spindle motor (S1/S6)	kW	51/68			60/71	
	Speed range of spindle (rpm)	rpm	10~600 (1600)				
	Spindle torque (S1/S6)	N*m	1800/2400			2200/2600	
Overall dimensions (L×W×H)	mm	11500 × 8500 × 8500	11500 × 9000 × 8500	13500 × 9500 × 8500	13500 × 10000 × 8500	14500 × 10500 × 8800	16500 × 11000 × 8800
Total weight	kg	78000	90000	100500	120500	145000	160000

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 per requirement.

2. The length of table can be increased or decreased as per requirement.