

technical data: TK69 (TKS69) series floor-type CNC high speed boring & milling machine centers

Model #		TK6916	TK6920	TK6926	TK6932
		TKS6916	TKS6920	TKS6926	
Boring bar diameter	mm	φ160	φ200	φ260	φ320
Ram section	mm	500 × 550		600 × 650	680 × 780
Diameter of milling spindle	mm	ø320 / ø260	ø320	ø400	ø450
Taper of spindle (7:24)		ISO No.50	ISO NO.60		
Speed range of spindle	rpm	0~800 / 0~2000	0~800 / 0~1500	0~1000	0~600
Power of spindle motor	kw	55	71	100	129
Max. torque of milling spindle	N*m	12000	13000	16754	20000
Horizontal stroke of column (X-axis)	mm	6000 + n×1000			
Vertical stroke of headstock (Y-axis)	mm	3000~5000		4000~6000	5000~8000
Vertical stroke of boring bar (W-axis)	mm	1200		1600	1800
Ram stroke (Z-axis)	mm	1200	1200 / 1400	1600	2000
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 cont.
Rapid speeds of Z- and W-axis	mm/min	6000	6000	6000	<u>3000</u>
CNC system		Siemens 840D or other brand systems			
Optional milling heads		Extension, universal, right angle milling heads and facing head etc.			
Overall dimensions (approx.)	mm	14500 × 4850 × 10500	19000 × 4850 × 10500	20700 × 5600 × 11600	30000 × 11500 ×
Total weight, approx.	ton	135	150	175	245
Rotary table	mm	2500 × 2500	3000 × 3000	3000 × 3500	3500 × 4000
	ton	30	45	60	80
	mm	1500 / 2000 / 3000 / 4000			
	mm/min	0~2000			
	(*)	N×360°			

1. X-axis stroke can be increased or decreased by 1000mm as per requirements.

2. W- and Z-axis strokes can be accumulated.

3. TK69 floor-type CNC boring & milling machine and TKS69 floor-type CNC high-speed boring & milling machine can be equipped with tool magazine for automatic tool change (ATC).

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