

FZP37

➤ CUSTOMIZED



➤ Technical Data

FZP37		
Working Ranges*		
X-axis	118" - 1,575" (3 - 40 m)	
Y-axis	98" - 236" (2.5 - 6 m)	
Z-axis	49" - 118" (1.25 - 3 m)	
Table Size		
Length	118" - 1,575" (3 - 40 m)	
Width	98" - 236" (2.5 - 6 m)	
Table load	max. 5 000 kg/m ²	
T-Slots (longitudinal)	18 ^{H12} (opt. 18 ^{H8})	
Pitch of T-slots	10" (0.25 m)	
Machine table	above floor level/on floor level	
Drives - Linear Axes		
Feed rate	X-, Y-, Z-axis	up to 2362 ipm (60 m/min)
Acceleration	X-, Y-, Z-axis	up to 197 in/s ² (5 m/s ²)
Dimensions		
Required space (without peripherals)	Length	(5.6 - 44.6 m)
	Width	(7.1 - 10.7 m)
	Height	5 450 - 8 450 mm
Accuracy		
Standard	in accordance to VDI/DGQ 3441 or ISO 230-2	
Special	on request	
CNC control		
select from	Heidenhain TNC 7 Siemens SINUMERIK ONE	
Equipment (optional)		
■ Tool probe ■ Tool measuring system ■ Work area cover ■ Tool changer ■ Chip conveyor ■ Mist/dust extraction system ■ Lubricant cooling ■ Minimum quantity lubrication ■ Vacuum system ■ Dust extraction bell		

Further equipment on request.

MILLING HEAD VH30		
Performance		
Torque rotary axes	in control	A-axis: 885 ft lb (1 200 Nm) C-axis: 772 ft lb (1 047 Nm) (opt. 943 ft lb (1 279 Nm))
	clamped	A-, C-axis: (3 000 Nm)
Swivelling Range		
A-axis	±110° or +125°/-95°	
C-axis	300° at Z = 49" (1.25 m)	
	360° at Z = 59" (1.5 m)	
Drives - Rotary Axes		
Rate of feed	A-, C-axis	360°/s
Acceleration	A-, C-axis	700°/s ²
Resolution	A-, C-axis	0,0001°
Accuracy		
Positioning accuracy	A-, C-axis	10"
Repeatability	A-, C-axis	6"
VH30 Milling Spindle - 99 hp (74 kW)**		
Spindle power	S1 (100%)	99 hp (74 kW)
	S6 (40%/2 min)	105 hp (78 kW)
Spindle speed	30 000 rpm	
Torque	S1 (100%)	54 ft lb (73 Nm)
	S6 (40%/2 min)	68 ft lb (92 Nm)
Constant power	9 690 - 30 000 rpm	
Tool holder	HSK-A63/80	
VH30 Milling Spindle (Fischer) - 168 hp (125 kW)**		
Spindle Power	S1 (100%)	168 hp (125 kW)
	S6 (40%/2 min)	209 hp (156 kW)
Spindle Speed	30 000 rpm	
Torque	S1 (100%)	44 ft lb (60 Nm)
	S6 (40%/2 min)	55 ft lb (75 Nm)
Constant Power	20 000 - 30 000 rpm	
Tool Holder	HSK-A63/80	

Zimmermann Inc.
30587 Century Drive
48393 Wixom, MI, USA

☎ +1 248 305 9707
✉ sales@zimmermann-inc.com
🌐 zimmermann-inc.com

Follow us

