

FZP27

↗ CUSTOMIZED

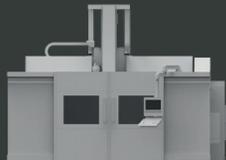


212" - 881" (5.38 - 22.38 m)



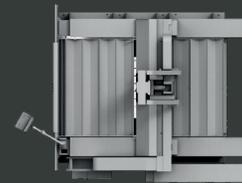
172" - 246" (4.36 - 6.26 m)

215" - 254" (5.45 - 6.46 m)



172" - 246" (4.36 - 6.26 m)

212" - 881" (5.38 - 22.38 m)



215" - 254" (5.45 - 6.46 m)

➤ Technical Data

FZP27		
Working Ranges*		
X-axis		118" - 787" (3 - 20 m)
Y-axis		79" / 118" / 138" (2.5 / 3 / 3.5 m)
Z-axis		59" / 59" / 79" (1.5 / 1.75 / 2 m)
Table size		
Length		118" - 787" (3 - 20 m)
Width		79" / 118" / 138" (2.5 / 3 / 3.5 m)
Height		10" (0.25 m)
Table load		3 000 kg/m ² (max. 20 t)
T-Slots (longitudinal)		18 ^{H12}
Pitch of T-Slots		8" (0.2 m)
Drives Linear Axes		
Feed rate	X-, Y-axis	up to 2,362 ipm (60 m/min)
Feed rate	Z-axis	up to 1,574 ipm (40 m/min)
Acceleration	X-, Y-, Z-axis	max. 118 - 197 in/s ² (3 - 5 m/s ²)
Dimensions		
Required space (without peripherals)	Length	212" - 881" (5.38 - 22.38 m)
	Width	215" - 254" (5.45 - 6.46 m)
	Height	172" - 246" (4.36 - 6.26 m)
Accuracy		
Standard in accordance	to VDI/DGQ 3441 or ISO 230-2	
CNC control		
	Heidenhain TNC7 Siemens SINUMERIK ONE	
Equipment (optional)		
<input type="checkbox"/> Tool probe <input type="checkbox"/> Tool measuring system <input type="checkbox"/> Work area cover <input type="checkbox"/> Tool changer <input type="checkbox"/> Chip conveyor <input type="checkbox"/> Mist/dust extraction system <input type="checkbox"/> Minimum quantity lubrication <input type="checkbox"/> Vacuum system		

Further equipment on request.

MILLING HEAD C3		
Performance		
Torque rotary axes	in control	A-axis: 870 ft lb (1.180 Nm) C-axis: 966 ft lb (1.310 Nm)
	clamped	A-, C-axis: 811 ft lb (1.100 Nm) A-, C-axis: 738 ft lb (1.000 Nm)
Swivelling Range		
A-axis		±96° or ±120°
C-axis		±270°
Drives - Rotary Axes		
Rate of feed	A-, C-axis	108°/s, 84°/s
Acceleration	A-, C-axis	5 1/s ² , 3 1/s ²
Accuracy		
Positioning accuracy	A-, C-axis	20"
Repeatability	A-, C-axis	10"
Milling Spindle - 27 hp (20 kW)*		
Spindle power	S1 (100%)	27 hp (20 kW)
	S6 (40%/2 min)	35 hp (26 kW)
Spindle speed		26 000 U/min
Torque	S1 (100%)	24 ft lb (32 Nm)
	S6 (40%/2 min)	(30 ft lb 41 Nm)
Constant power		6 000 - 26 000 U/min
Swivel axis - spindle nose		76" (1.93 m)
Tool holder		HSK-F63
Tool clamping		spring clamp
Tool unclamp		pneumatic
Lubrication Grease		permanent lubrication

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

O +1 248 305 9707
E sales@zimmermann-inc.com
W zimmermann-inc.com

Follow us

