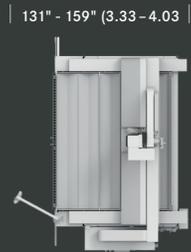
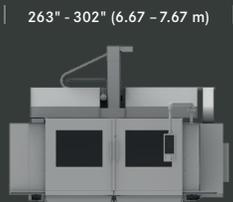
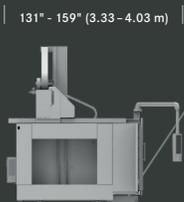
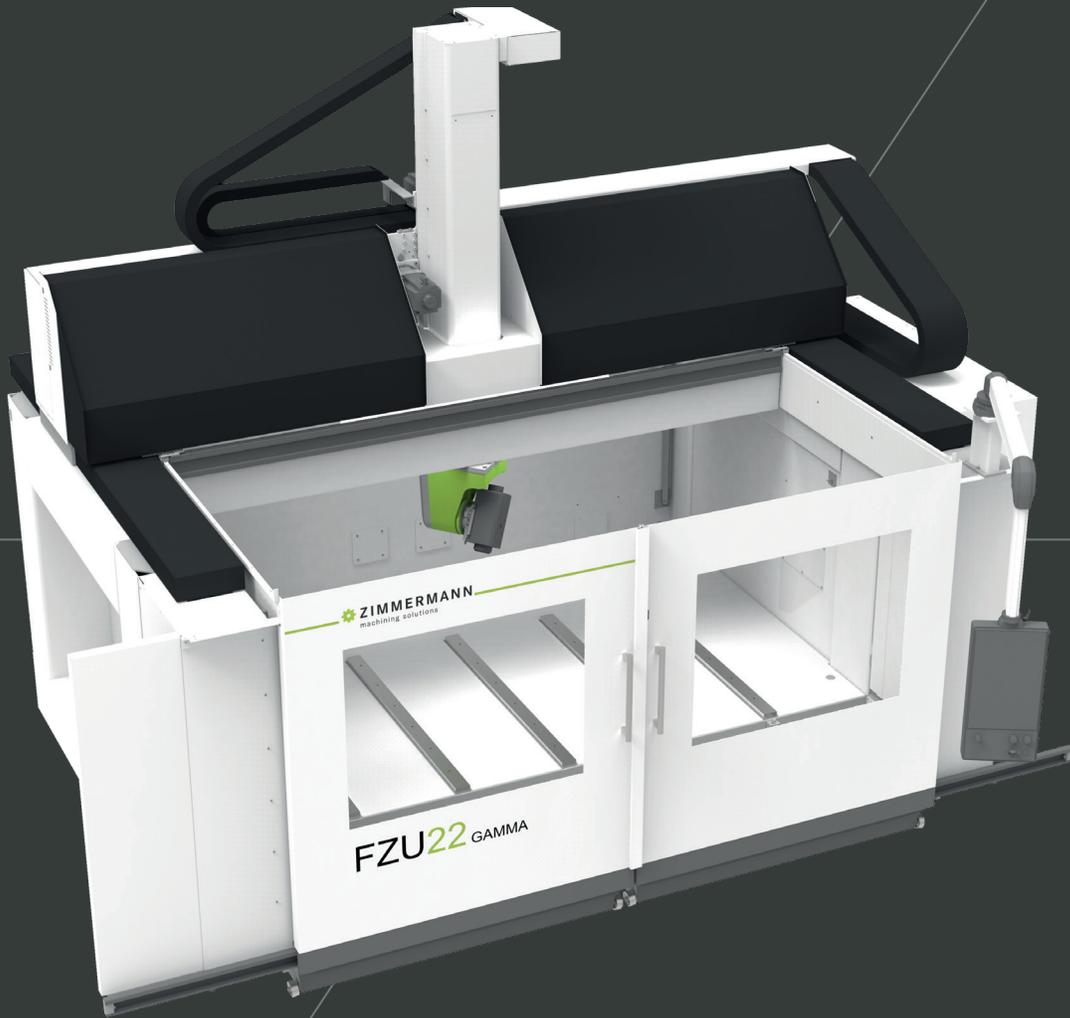


FZU22

➤ **COMPACT**



➤ Technical Data

FZU22		
Working Ranges*		
X-axis		71" - 98" (1.8 / 2.5 m)
Y-axis		118" - 138" (3 / 3.5 m)
Z-axis		49" (1.25 m)
Clamping bars*		
Table load		500 kg/m ²
Number of clamping bars		5
Threaded holes		30 x M12
Distance between threaded holes		10" (0.25 m)
Drives Linear Axes		
Feed rate	X-, Y-axis	up to 2,758 ipm (70 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	131" - 159" (3.33 - 4.03 m)
	Width	263" - 302" (6.67 - 7.67 m)
	Height	180" (4.58 m)
Accuracy		
Standard in accordance	to VDI/DGQ 3441 or ISO 230-2	
CNC control		
	Heidenhain TNC	
	Siemens SINUMERIK ONE	
Equipment (optional)		
■ Tool probe ■ Tool measuring system ■ Work area cover ■ Tool changer ■ Chip conveyor ■ Mist/dust extraction system ■ Minimum quantity lubrication ■ Vacuum system		

Further equipment on request.

MILLING HEADS S2, C2		
Performance		
Torque rotary axes	in control	A-axis: 420 ft lb (568 Nm) C-axis: 509 ft lb (690 Nm)
	clamped	A-axis: 339 ft lb (460 Nm)
Swivelling Range		
A-axis		±96° or ±120°
C-axis		±270°
Drives - Rotary Axes		
Rate of feed	A-, C-axis	162°/s, 114°/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 - 15 kW*		
Spindle power	S1 (100%)	20 hp (15 kW)
	S6 (40%/2 min)	24 hp (18 kW)
Spindle speed		24 000 U/min
Torque	S1 (100%)	9 ft lb (12 Nm)
	S6 (40%/2 min)	10 ft lb (14 Nm)
Constant power		12 000 - 24 000 U/min
Swivel axis - spindle nose (S2 and C2)		7" (17.4 cm)
Center offset spindle to C-axis at S2		5" (13 cm)
Tool holder		HSK-F63
Tool clamping		spring clamp
Tool unclamp		pneumatic
Lubrication Grease		permanent lubrication

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