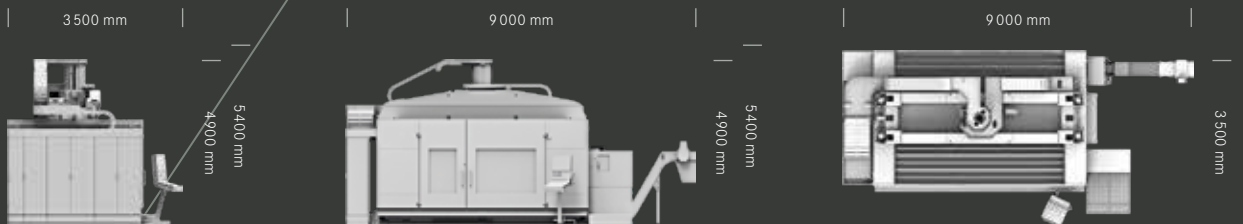
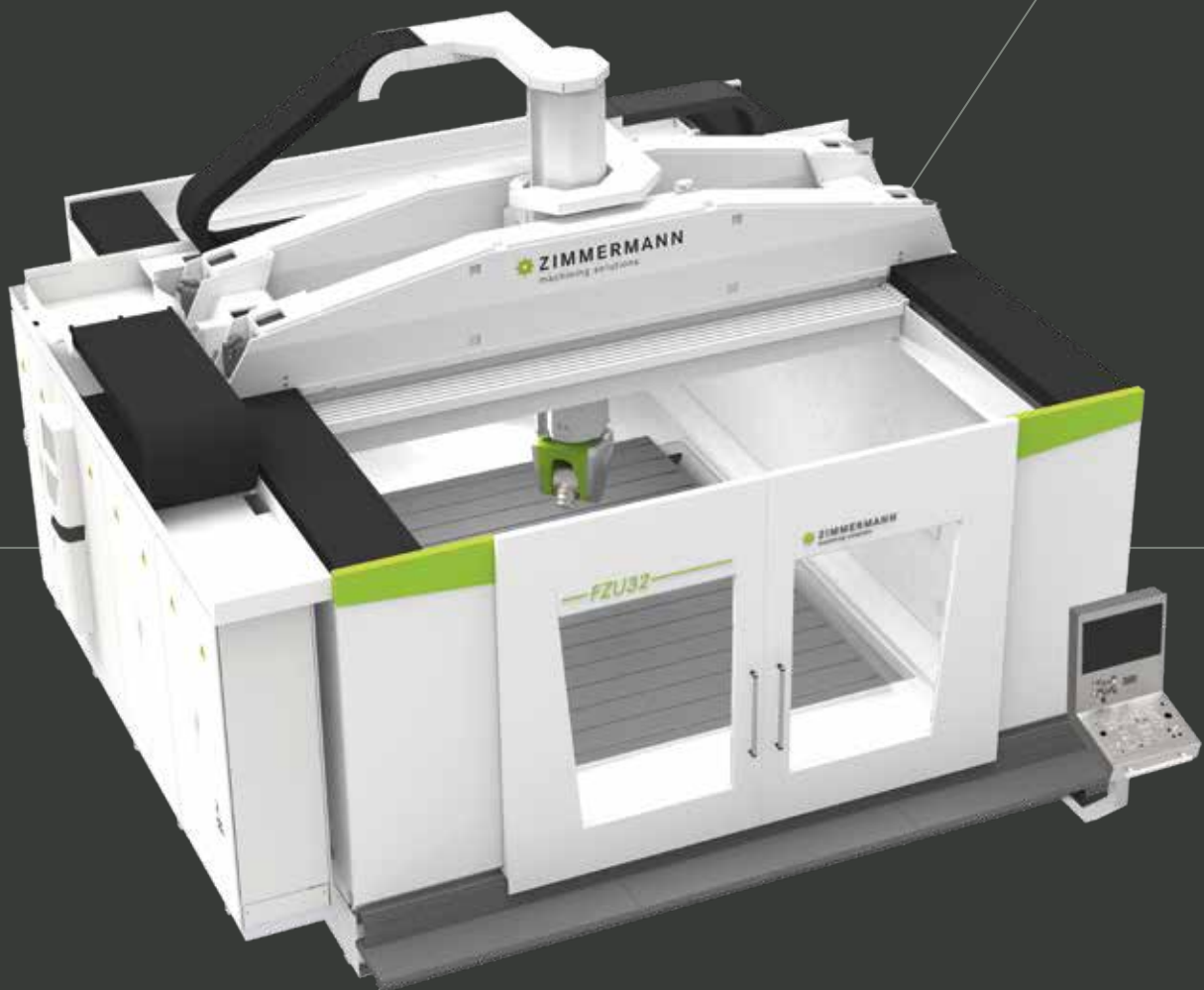


FZU32

➤ FZU-LINE
Unibody Gantry Machine



➤ Technical Data

FZU32		
Working Ranges		
X-axis		2 000 – 6 000 mm
Y-axis		3 000/3 500 mm
Z-axis		1 250/1 500 mm
Table Size		
Length		2 000 – 6 000 mm
Width		3 000 – 3 500 mm
Table load		6 000 kg/m ² (max. 20 000 kg)
T-Slots (longitudinal)		18 ^{H12}
Pitch of T-slots		250 mm
Drives – Linear Axes0		
Feed rate	X-, Y-, Z-axis	up to 60 m/min
Acceleration	X-, Y-, Z-axis	up to 3 m/s ²
Dimensions		
Required space (without peripherals)	Length	3 500 – 8 100 mm
	Width	7 500 mm
	Height	4 800/5 400 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)		
<ul style="list-style-type: none"> ▣ 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 VH10		
Performance		
Torque rotary axes	in control	A-axis: 600 Nm C-axis: 608 Nm
	clamped	A-axis: 1380 Nm C-axis: 1321 Nm
Swivelling Range		
A-axis	±110° or +125°/-95°	
C-axis	300° at Z = 1 250 mm	
	360° at Z = 1 500 mm	
Drives – Rotary Axes		
Feed rate	A-, C-axis	180°/s
Acceleration	A-, C-axis	700°/s ²
Resolution	A-, C-axis	0.0001°
Accuracy		
Positioning accuracy	A-, C-axis	12"
Repeatability	A-, C-axis	8"
Milling Spindle – 34 kW		
Spindle power	S1 (100%)	34 kW
	S6 (40%/2 min)	41 kW
Spindle speed	24 000 rpm	
Torque	S1 (100%)	39 Nm
	S6 (40%/2 min)	49 Nm
Constant power	8 260 – 24 000 rpm	
Tool holder	HSK-A63	

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