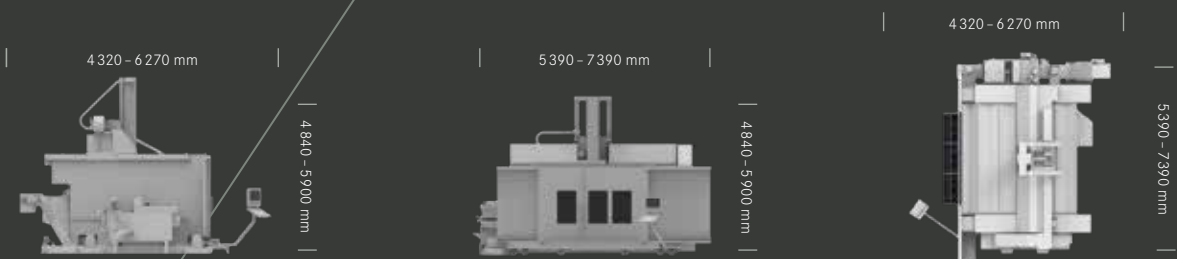
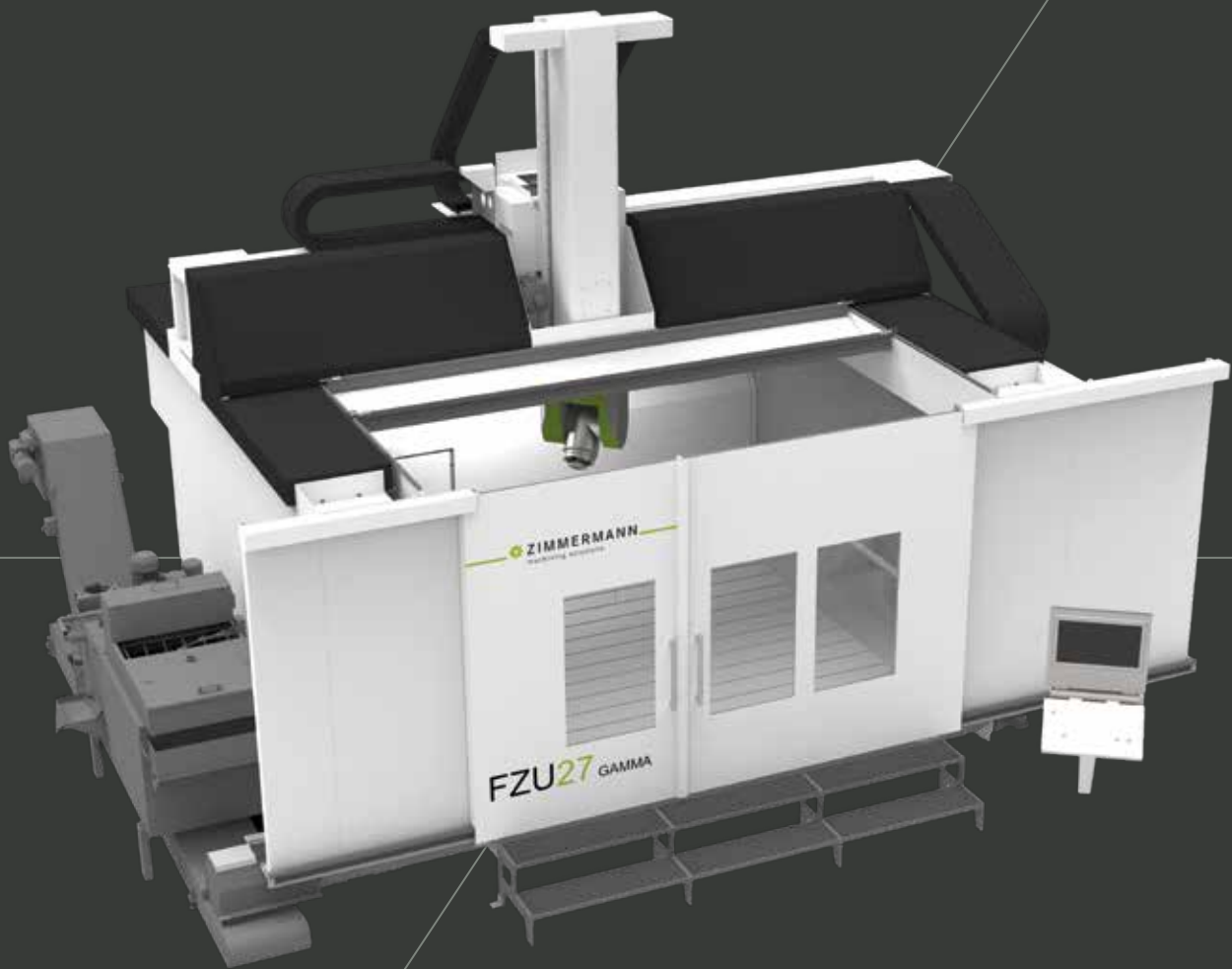


FZU27

➤ FZU-LINE
Unibody Gantry Machine



➤ Technical Data

FZU27		
Working Ranges*		
X-axis		2 000/2 500/4 000 mm
Y-axis		2 500/3 500 mm
Z-axis		1 250/1 500/1 750 mm
Table size		
Height		90 mm
Table load		2000 kg/m ² (max. 10 t)
T-Slots (longitudinal)		18 ^{H12}
Pitch of T-Slots		200 mm
Drives Linear Axes		
Feed rate	X-, Y-axis	up to 60 m/min
Feed rate	Z-axis	up to 40 m/min
Acceleration	X-, Y-, Z-axis	max. 3 – 5 m/s ²
Dimensions		
Required space (without peripherals)	Length	4 320 – 6 270 mm
	Width	5 390 – 7 390 mm
	Height	4 840 – 5 900 mm
Accuracy		
Standard in accordance	to VDI/DGQ 3441 or ISO 230-2	
Equipment (optional)		
<ul style="list-style-type: none"> ▣ 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 HEAD C3		
Performance		
Torque rotary axes	in control	A-axis: 1.180 Nm C-axis: 1.310 Nm
	clamped	A-, C-axis: 1.100 Nm A-, C-axis: 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 – 20 kW*		
Spindle power	S1 (100%)	20 kW
	S6 (40%/2 min)	26 kW
Spindle speed		26 000 U/min
Torque	S1 (100%)	32 Nm
	S6 (40%/2 min)	41 Nm
Constant power		6 000 – 26 000 U/min
Swivel axis – spindle nose		195 mm
Tool holder		HSK-F63
Tool clamping		spring clamp
Tool unclamp		pneumatic
Lubrication Grease		permanent lubrication

F. Zimmermann GmbH
Bernhäuser Straße 35
73765 Neuhausen a.d.F.

T +49 715 894 895 5-0
E info@f-zimmermann.com
W f-zimmermann.com

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