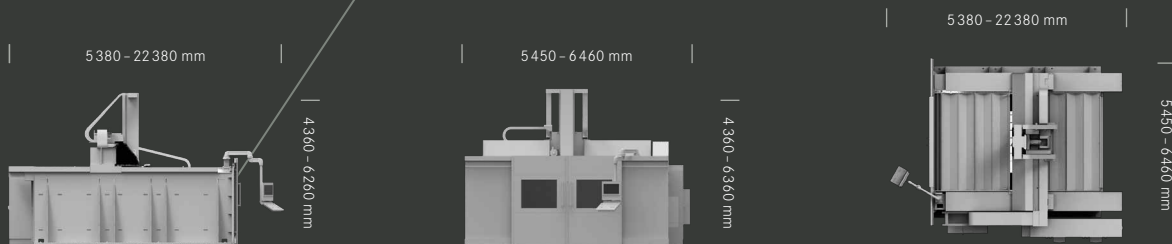
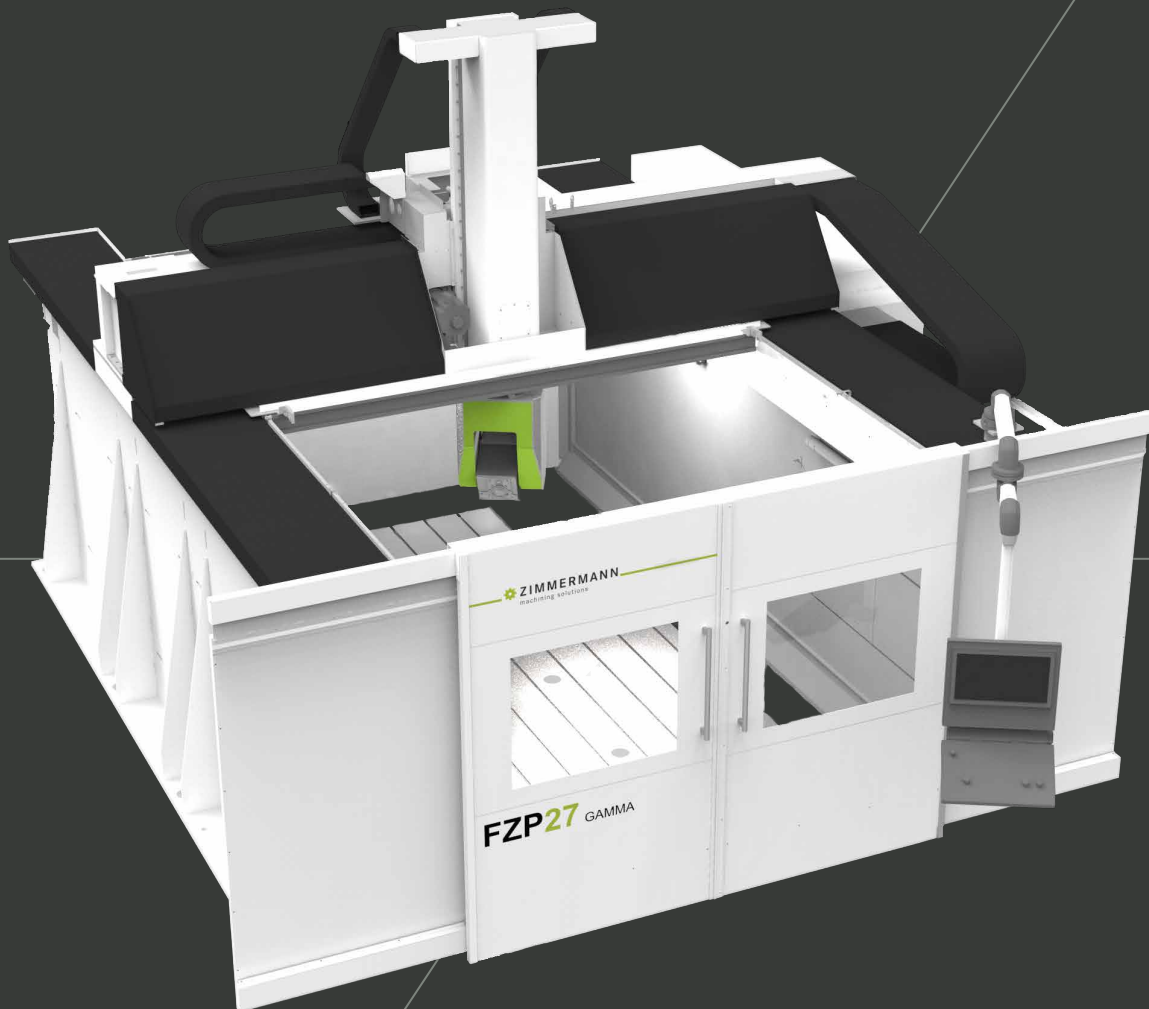


# FZP27

➤ FZP-LINE  
**Performance Gantry Machine**



## ➤ Technical Data

FZP27		
<b>Working Ranges*</b>		
X-axis		3 000 – 20 000 mm
Y-axis		2 500/3 000/3 500 mm
Z-axis		1 500/1 750/2 000 mm
<b>Table size</b>		
Length		3 000 – 20 000 mm
Width		2 500/3 000/3 500 mm
Height		250 mm
Table load		3 000 kg/m <sup>2</sup> (max. 20 t)
T-Slots (longitudinal)		18 <sup>H12</sup>
Pitch of T-Slots		200 mm
<b>Drives Linear Axes</b>		
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 <sup>2</sup>
<b>Dimensions</b>		
Required space (without peripherals)	Length	5 380 – 22 380 mm
	Width	5 450 – 6 460 mm
	Height	4 360 – 6 260 mm
<b>Accuracy</b>		
Standard in accordance	to VDI/DGQ 3441 or ISO 230-2	
<b>Equipment (optional)</b>		
<ul style="list-style-type: none"> <li>▣ Tool probe   ▣ Tool measuring system   ▣ Work area cover</li> <li>▣ Tool changer   ▣ Chip conveyor   ▣ Mist/dust extraction system</li> <li>▣ Minimum quantity lubrication   ▣ Vacuum system</li> </ul>		

Further equipment on request.

MILLING HEAD C3		
<b>Performance</b>		
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
<b>Swivelling Range</b>		
A-axis		±96° or ±120°
C-axis		±270°
<b>Drives – Rotary Axes</b>		
Rate of feed	A-, C-axis	108°/s, 84°/s
Acceleration	A-, C-axis	5 1/s <sup>2</sup> , 3 1/s <sup>2</sup>
<b>Accuracy</b>		
Positioning accuracy	A-, C-axis	20"
Repeatability	A-, C-axis	10"
<b>Milling Spindle – 20 kW*</b>		
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		193 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

Follow us

