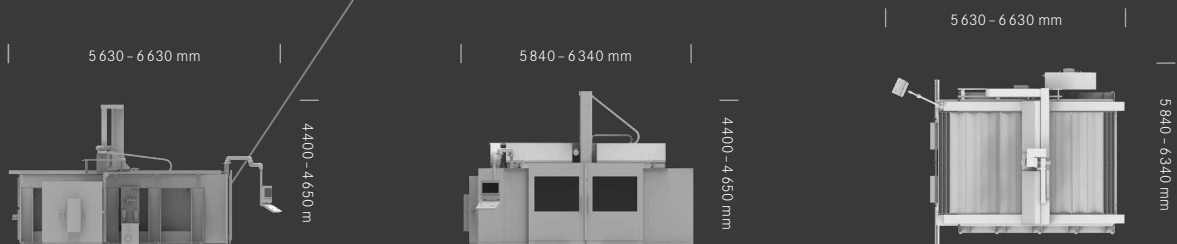
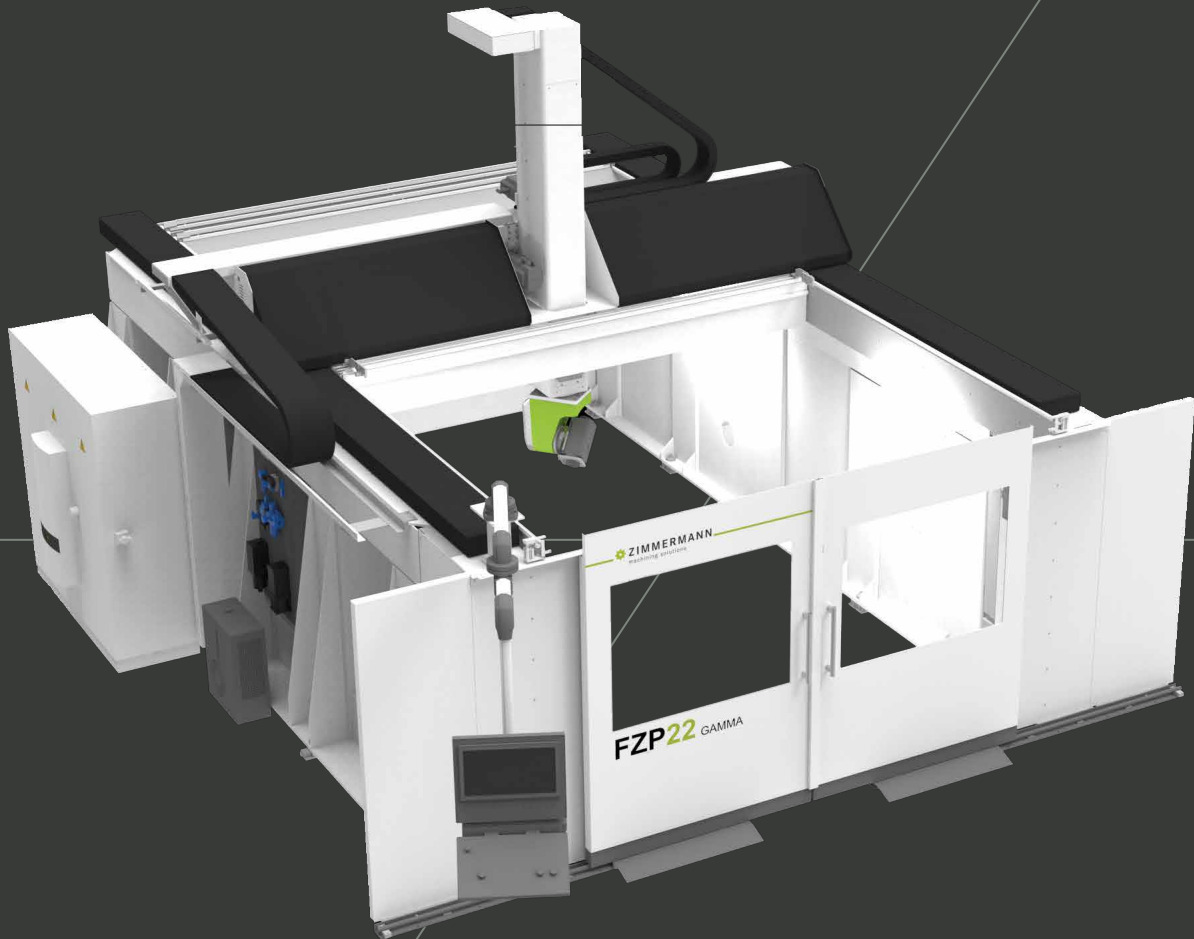


# FZP22

➤ FZP-LINE  
**Performance Gantry Machine**



## ➤ Technical Data

FZP22		
<b>Working Ranges*</b>		
X-axis		3 000/4 000/5 000 mm
Y-axis		3 000/3 500 mm
Z-axis		1 250/1 500 mm
<b>Drives Linear Axes</b>		
Feed rate	X-, Y-axis	up to 70 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	5 630 – 6 630 mm
	Width	5 840 – 6 340 mm
	Height	4 400 – 4 650 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 HEADS S2, C2		
<b>Performance</b>		
Torque rotary axes	in control	A-axis: 568 Nm
		C-axis: 690 Nm
	clamped	A-axis: 460 Nm
<b>Swivelling Range</b>		
A-axis		±96° or ±120°
C-axis		±270°
<b>Drives – Rotary Axes</b>		
Rate of feed	A-, C-axis	162°/s, 114°/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 – 15 kW*</b>		
Spindle power	S1 (100%)	15 kW
	S6 (40%/2 min)	18 kW
Spindle speed		24 000 U/min
Torque	S1 (100%)	12 Nm
	S6 (40%/2 min)	14 Nm
Constant power		12 000 – 24 000 U/min
Swivel axis – spindle nose		174 mm
Tool holder		HSK-F63
Tool clamping		spring clamp
Tool unclamp		pneumatic
Lubrication Grease		permanent lubrication

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