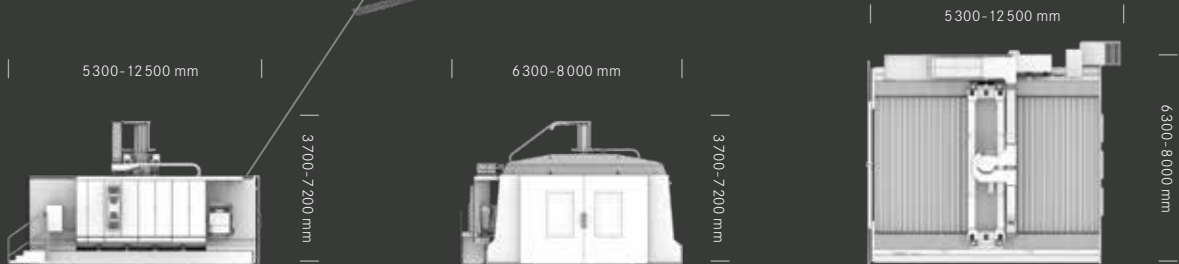
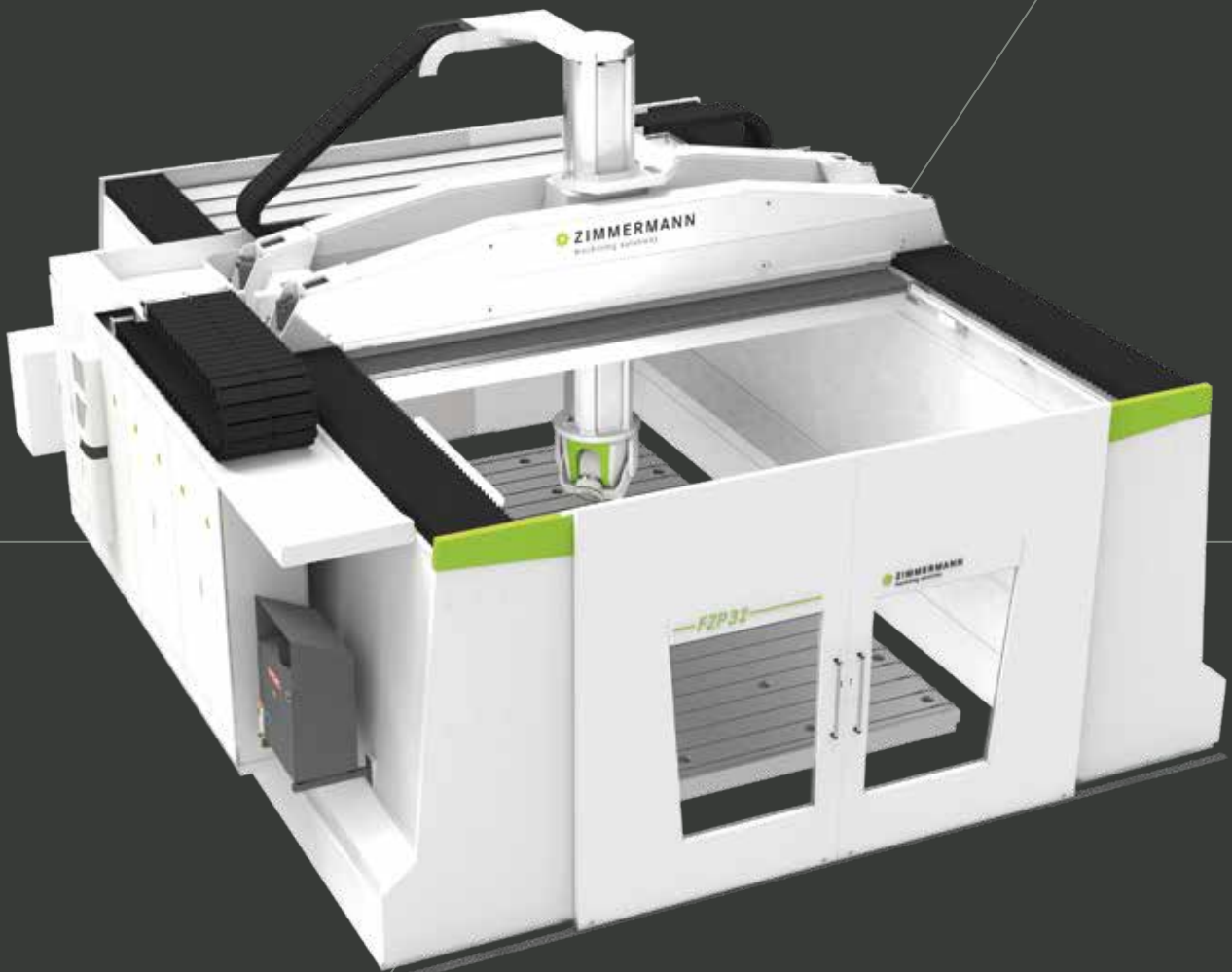


# FZP32

➤ FZP-LINE  
**Performance Gantry Machine**



## ➤ Technical Data

FZP32		
<b>Working Ranges</b>		
X-axis		3 000 – 10 000 mm
Y-axis		2 500 – 4 000 mm
Z-axis		1 250 – 2 500 mm
<b>Table (optional)</b>		
Length		3 000 – 10 000 mm
Width		2 500 – 4 000 mm
Table load		10 000 kg/m <sup>2</sup>
T-Slots (longitudinal)		18 <sup>H12</sup>
Pitch of T-slots		250 mm
Table surface		even/above floor level
<b>Drives – Linear Axes</b>		
Feed rate	X-, Y-, Z-axis	up to 60 m/min
Acceleration	X-, Y-, Z-axis	up to 3 m/s <sup>2</sup>
<b>Dimensions</b>		
Required space (without peripherals)	Length	5 300 – 12 500 mm
	Width	6 300 – 8 000 mm
	Height	3 700 – 7 200 mm
<b>Accuracy</b>		
Standard accuracy	in accordance to VDI/DGQ 3441 or ISO 230-2	
Special accuracy	on request	
<b>CNC control</b>		
select from	Heidenhain TNC7 Siemens SINUMERIK ONE	
<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>▣ Lubricant cooling ▣ Minimum quantity lubrication</li> <li>▣ Vacuum system ▣ Dust extraction bell</li> </ul>		

Further equipment on request.

MILLING HEAD VH10		
<b>Performance</b>		
Torque rotary axes	in control	A-axis: 600 Nm C-axis: 608 Nm
	clamped	A-axis: 1380 Nm C-axis: 1321 Nm
<b>Swivelling Range</b>		
A-axis	± 110° or +125°/-95°	
C-axis	300° at Z = 1 250 mm	
	360° at Z = 1 500 mm	
<b>Drives – Rotary Axes</b>		
Feed rate	A-, C-axis	180°/s
Acceleration	A-, C-axis	700°/s <sup>2</sup>
Resolution	A-, C-axis	0.0001°
<b>Accuracy</b>		
Positioning accuracy	A-, C-axis	10"
Repeatability	A-, C-axis	6"
<b>Milling Spindle – 34 kW</b>		
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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