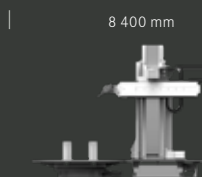
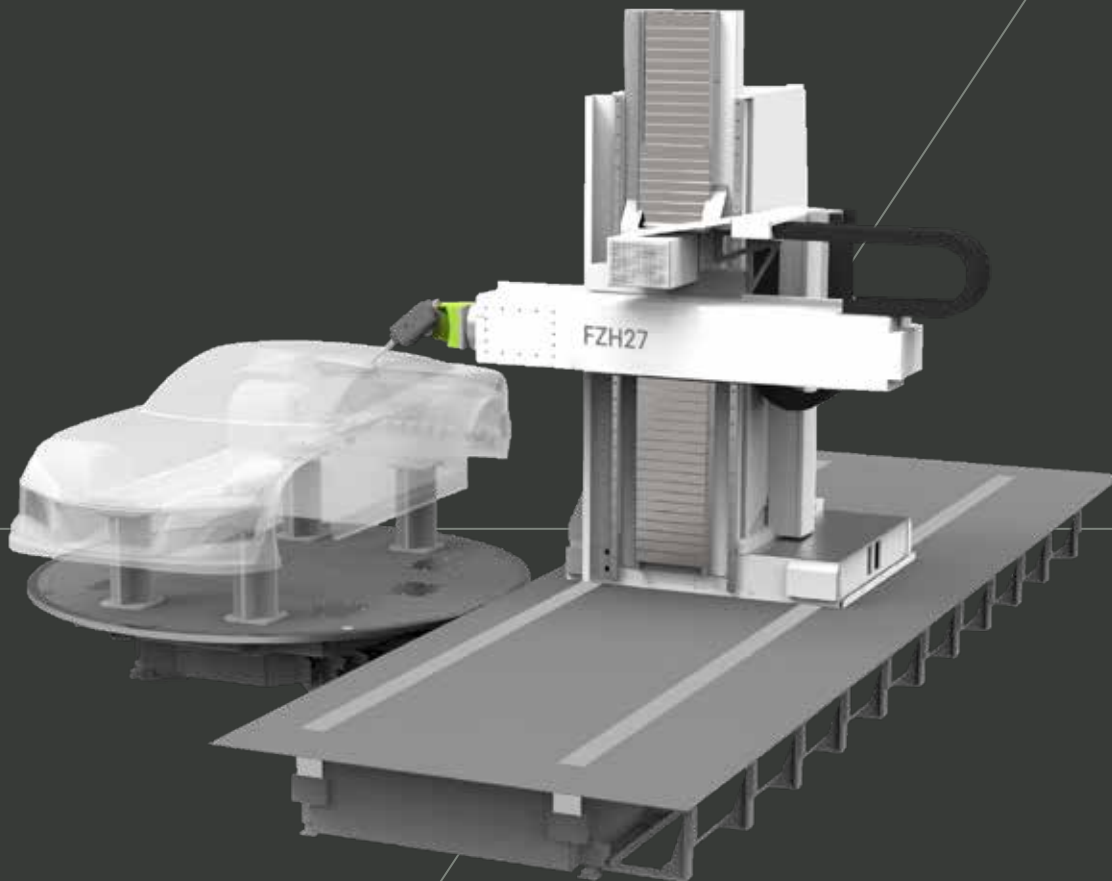


# FZH27

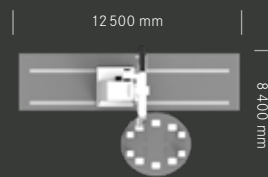
➤ FZH-LINE  
**Horizontal Machining Center  
for 1:1 models**



| 4 300 mm\* |



| 4 300 mm\* |



## ➤ Technical Data

FZH27		
<b>Working Ranges</b>		
X-axis		7 000 mm
Y-axis		2 300 mm
Z-axis		1 500 mm
<b>Drives Linear Axes</b>		
Rate of Feed	X-, Y-axis	up to 40 m/min
Rate of Feed	Z-axis	up to 30 m/min
Acceleration	X-, Y-, Z-axis	max. 2 m/s <sup>2</sup>
<b>Dimensions</b>		
Required space (without peripherals)	Length	12 500 mm
	Width	8 400 mm
	Height	4 300 mm*
<b>Accuracy</b>		
Standard	in accordance to VDI/DGQ 3441 or ISO 230-2	
<b>CNC control</b>		
select from	Heidenhain TNC7 Siemens SINUMERIK ONE	
<b>Equipment (optional)</b>		
Round table ■ Tool changer ■ longer working ranges in X-axis		

MILLING HEAD S2		
<b>Performance</b>		
Torque rotary axes	in control	A-axis: 568 Nm C-axis: 690 Nm
	clamped	A- and C-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	51°/s <sup>2</sup> , 21°/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

The machine for clay milling and model making was specially developed for the design applications of the automobile industry. The Horizontal Machining Center meets highest demands with regard to rigidity, dynamics and thus, in the end, to accuracy, precision and surface finish.



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