

## Horizontal Machining Centres

# HBZ TRUNNION

bavius

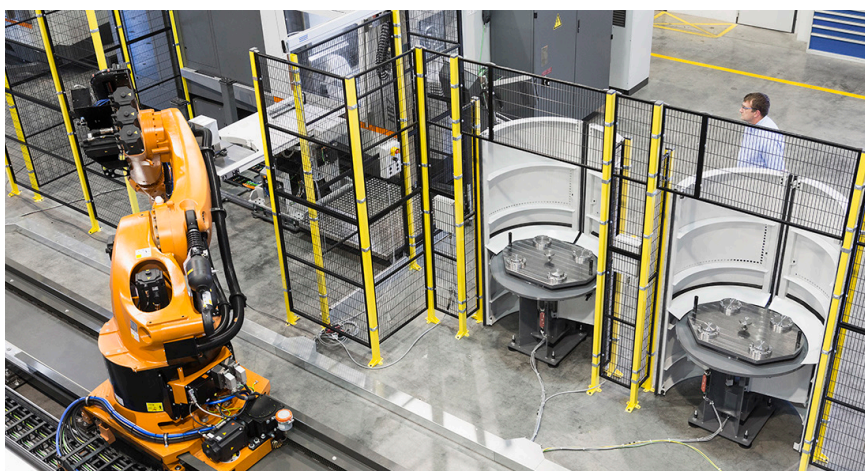
### High performance, stability and precision

Today, modern production demands machining centers that are not just precise and productive but also flexible. The HBZ Trunnion horizontal machining centers cover the entire application spectrum up to an interference contour of 1,700 mm thanks to high speeds for HSC cutting of aluminum as well as high-torque motor spindles for heavy-duty cutting of titanium and steel. High travel speeds combined with the optimum designed spindle for the specific application ensure high precision for dynamic 5-axis machining.



### Your Advantages:

- » 5-axis HPC/HSC horizontal machining
- » Wide variety of materials: fast in aluminum, powerful with hard to machine materials
- » Double drive system and clamping on both sides of the NC rotary-swivel table
- » Dynamic 5-axis simultaneous machining
- » Large range of different spindles
- » Optimum values for costs per piece and surface quality
- » Compact design with small footprint
- » Numerous options for automation available



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**Specifications:**

	HBZ Trunnion 80	HBZ Trunnion 120	HBZ Trunnion 160
<b>Table size Ø</b>	800 mm	1,200 mm	1,600 mm
<b>Axis travel X/Y/Z</b>	850 / 850 / 700 mm	1,270 / 1,100 / 900 mm	1,670 / 1,350 / 1,100 mm
<b>Travel speed X/Y/Z</b>	up to 60/60/60 m/min	up to 60/60/60 m/min	up to 60/60/60 m/min
<b>Spindle data</b>	Power: from 25 kW to 125 kW (S1) Speed: from 6,000 rpm to 30,000 rpm Torque: from 31 Nm to 850 Nm (S1)		
<b>A-axis</b>	up to -30° / +120°		
<b>C-axis</b>	360°		
<b>Materials</b>	Aluminum, steel, titanium and other common light- and heavy-duty cutting materials		
<b>Standard machines sizes</b>	With three machine sizes, the HBZ Trunnion covers a wide range of applications for efficient machining of extremely varied and complex 5-axis machining tasks.		