

Horizontal Machining Centres

HBZ COMPACTCELL

bavius

Compact and powerful for aluminium workpieces up to 4,000 x 1,000 mm

High cutting power in aluminum with compact machine footprint: the HBZ CompactCell horizontal machining center is the perfect solution for meeting these demands. Benefit from powerful and dynamic 5-axis simultaneous machining for workpieces that require intensive cutting. The horizontal high-power spindle achieves top values in aluminum and offers all the other advantages of horizontal machining.



Your Advantages:

- » 5-axis HSC horizontal machining
- » Highly dynamic machining of aluminum
- » High material removal rate and productivity
- » Significant reduction in machining times and costs per piece
- » High travel speeds
- » High performance combined with small footprint
- » Fully enclosed workzone
- » Numerous options for automation available

Specifications:

Material Removal Rate In Aluminium	6 l/min
Pallet size (L, W)	Pallet length: 2,000 / 4,000 / 6,000 mm Pallet width: 1,000 mm
Axis travel X/Y/Z	up to 6,650/1,100/550 mm
Travel speed X/Y/Z	up to 60/40/60 m/min
Spindle data	Power: up to 63 kW (S1) Speed: up to 30,000 rpm Torque: up to 31 Nm (S1)
Acceleration	up to 5 m/s ²
Standard machine sizes	HBZ CC 200/100, HBZ CC 400/100, HBZ CC 600/100 (other machine sizes on request)