Project Info 23

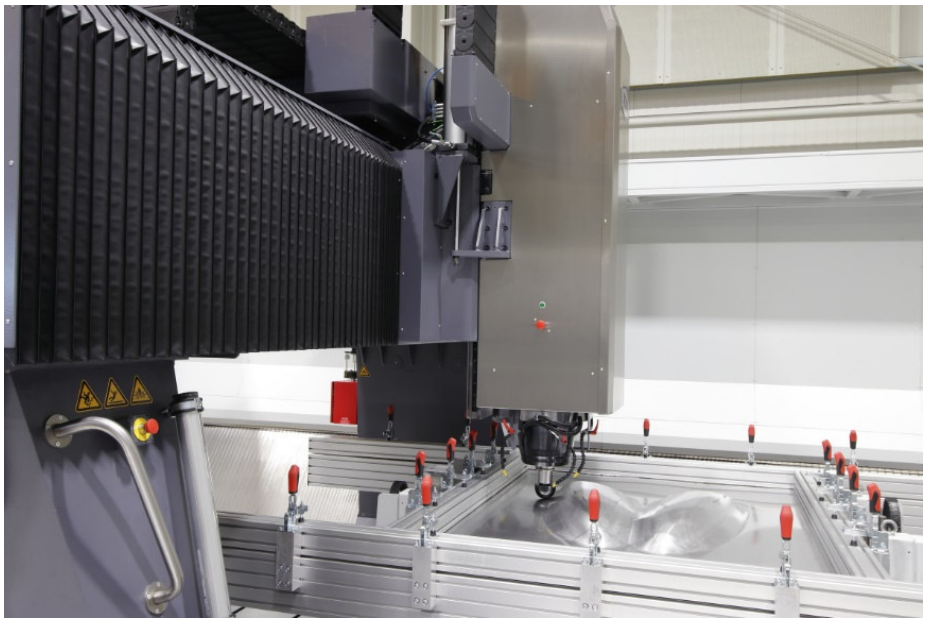
Type of machine:	Gantry machining centre VPC 2800 U
Task:	Incremental sheet metal forming for a body component
Solution:	▪ Use of gantry machining centre VPC 2800 U ▪ A wood-based material is used as the counter-tool for the body component. The sheet metal to be processed is clamped in a frame over this tool. The final shape is generated through multiple successive movements of a CNC-controlled forming tool.
Special features:	▪ Minimal tooling costs and therefore cost efficiency from a batch size of one ▪ Production of sheet metal components with complex geometries in the shortest possible time

Technical data:

X-traverse range: Y-traverse range: Z-traverse range:	3900 mm 2940 mm 900 mm
Main drive (S1): Spindle torque (S1): Speed range:	32 kW 407 Nm up to 2300 rpm
Tool changing system:	Pick up tool magazine
Tool holding fixture:	HSK-A100
Clamping device:	Height-adjustable sheet metal clamping frame

Height-adjustable sheet metal clamping frame

A wood-based material is used as the counter-tool



The final shape is generated through multiple successive movements of a CNC-controlled forming tool .