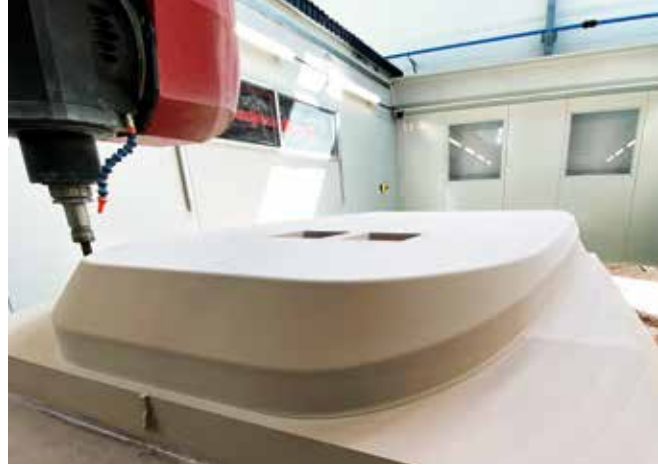


VEGA SERIES

HIGH-SPEED GANTRY CNC CENTERS FOR MACHINING
LARGE-SIZE COMPONENTS IN COMPOSITE MATERIALS
AND RESIN PROTOTYPES.



Workable materials*

COMPOSITES



TOOLING BOARDS RESINS



LIGHT ALLOYS



* Efficiency indicators by material

Belotti VEGA CNC centers are the result of a long experience in the production of 5-axis technologies for the **machining of resin prototypes as well as of carbon fiber and aluminium components.**

This Series is designed to meet the production requests of the automotive, aerospace and, more generally, of the major patterns-makers and composites parts manufacturers (i.e. carbon fiber, kevlar, fiberglass, honeycomb).

Belotti VEGA models have a dynamically rigid structure, ideal for offering a unique combination of performances: **reduced processing times, enhanced accuracy, high-quality surface finish and rigidity over time.**

Total enclosures, dust suction grids, push and pull systems and vision cameras ensure a safer working environment.

Main accessories

- Single shoulder head
- Second independent bridge
- Dust suction grids
- Suction hood
- Push and pull system with extraction unit
- Total enclosure with moving roof
- Upper rolling shutter
- Vision cameras



Application sectors



Technical features

Axis	X	Y	Z	C	A
Stroke	2,6/6/8/12/17/20/ 23/30/43 m	3,2/4,2/6,2/ 7,2/8,8 m	1,5/2/3/3,3/ 4,2/5,3/6,9 m	+/- 270°	+/- 120°
Speed	100 m/min		45 m/min	44 rpm	40 rpm
Spindle	From 15 kW up to 42 kW at 24.000 rpm max.				
CNC	Fanuc, Heidenhain, Siemens				
Tool changer	From 18 to 60 positions				
Linear accuracy	≤ 0,015 mm/m for linear axes				
Rotary accuracy	+/- 15 arcsec for rotary axes				
Measurement system	Linear scales, 5 micron resolution				
Combined technologies	Ultrasonic cutting system Additive manufacturing				