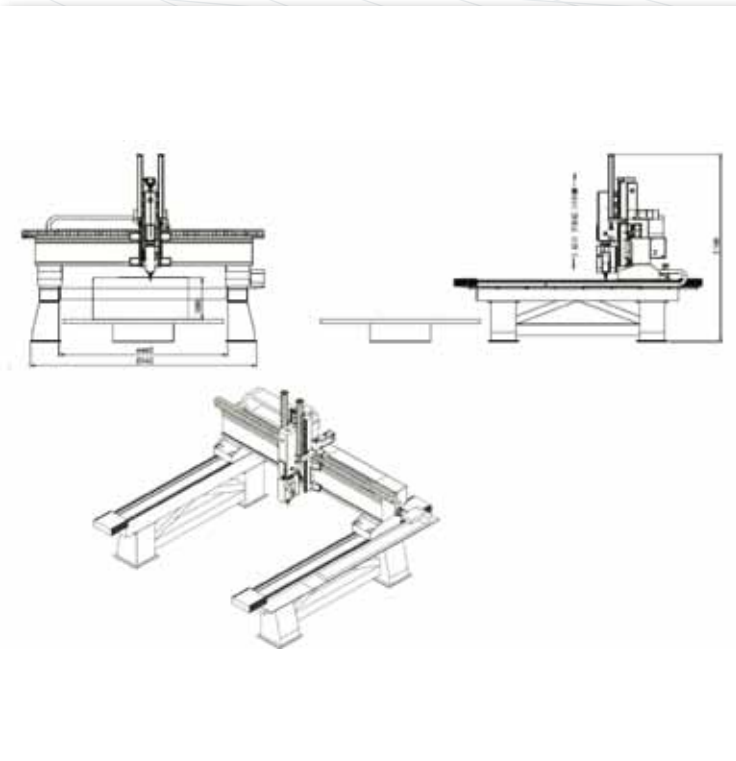


# OPEN GANTRY BRIDGE 5-AXIS SERIES

## THE MASS 5



Modular Machine Design – Open Bridge design allows for easy access and part fixturing and part removal.

Basic configuration	Mass 5 Open Gantry 5-Axis
Application	Composites/Aluminum
<b>Table configuration</b>	Open Gantry
Table Style	open, flat steel, T slot
Zones	1 zone
Table Size in mm (metric)	width : 3000 - 6000 mm (118 - 236 in) length : 6000 - 16000 mm (236 - 630 in)
Table Height	optional
Standard Z (stroke) #1	1000 - 3000 mm (39,3 - 118 in)
B and C-axis	B : $\pm 100^\circ$   C : $\pm 200^\circ$
Control	SIEMENS 840D FANUC 31i series
Router Spindle	15 HP (HSK 63F, 22000 rpm) 20HP, 25HP (HSK 63E, 22,000 rpm)
Type ATC	Ranrob : 16, 20, 32
Barriers	n/a
Included	Vac. Prep Kit
Pump Size	BECKER 250 cbm 10,25,40,50 HP (options)
Safety fence	optional
X-Drive System	Rack
Y-Drive System	Rack
Z-Drive System	Ball Screw
rapids/cutting X,Y,Z	X;Y;Z=36/36/12 m/m
rapids/cutting C, B	B&C=60°/sec 24 m/m
Remote Internet Diagnostics	yes
Tool Holders	yes

**The Anderson MASS 5 Heavy Duty Open Gantry series 5-axis CNC machining center set a new level of accuracy and machining performance for large scale open gantry machining centers.**

The MASS 5 is an ideal choice for large format machining of aluminum and composite materials. The Anderson Open Gantry design allows for maximum work envelope flexibility that can handle very large parts.

**Modular Design**

Machine frame sizes are available in a number of large format sizes. The open

frame allows for easy access and is configured as a full open bridge design or with an optional steel table or grid vacuum table.

The solid base and substructure remain smooth and rigid while all 5-axis are in full 5-axis machining mode. The highly rigid C and B gearbox are designed for smooth motion and high tensional stability throughout the range of motion.

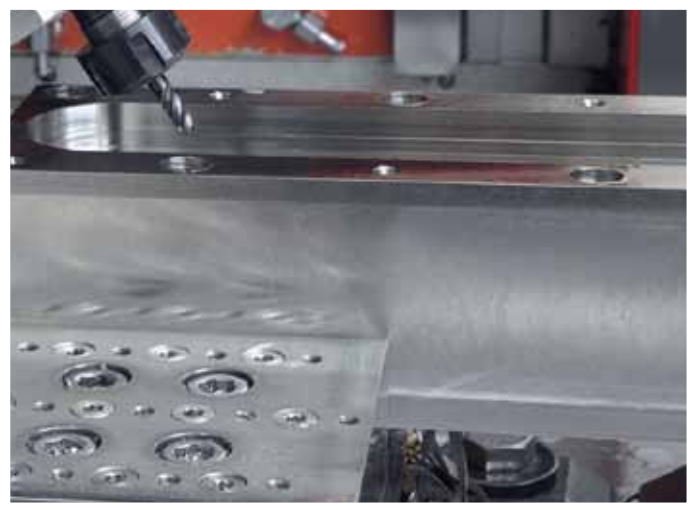
The large open format and high Z-axis creates a large machining envelop for machining surfaces, pockets, holes and other key machining surfaces to high level of tolerance on all sides. World class five

CNC controls are available on the Anderson MASS 5 HD, as well as optional high precision glass reference scales. Control access from both Ethernet that includes Internet remote technical support.

Work piece holding flexibility is provided by optional clamping, grid or manifold vacuum systems. The MASS 5 HD has an industry standard G-code platform that allows easy interface with all major CAD/CAM software packages. Additional options include work piece dimension probing, both single and multiple zone capabilities and custom configurations upon request.



Custom Aerospace applications



High precision automotive applications



High precision nautical applications



Custom applications for military, satellite and medical industries.