

TRIM SERIES

THE IDEAL 5-AXIS MACHINING CENTER FOR HIGH-VOLUME PRODUCTION OF PLASTIC COMPONENTS FOR DIFFERENT APPLICATIONS AND INDUSTRIAL SECTORS.



Workable materials*

PLASTIC



COMPOSITES



TOOLING BOARDS RESINS



TECHNICAL PLASTIC



* Efficiency indicators by material

Fast, precise and absolutely reliable, the TRIM Series is the **flagship of the 5-axis machining centers for trimming plastic and composite materials.**

This Series includes models made with a rigid baseframe or a columns' structure, depending on the strokes of the axes.

The processing speed of this Series does not compromise the cutting and trimming quality, guaranteeing a **maximum productivity level.**

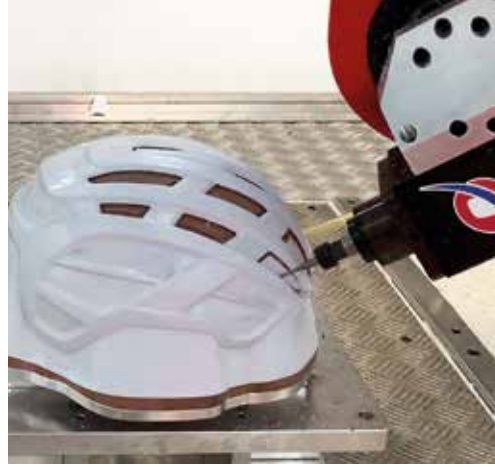
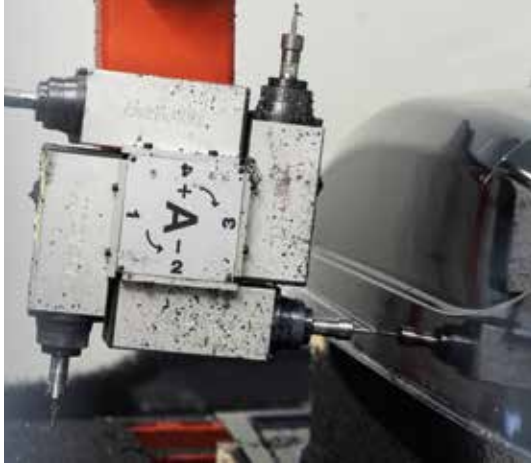
The cycle time is further optimised by:

- the different head configurations, that allow a wide range of processings, even the most complex ones, using only one machine;
- the possibility to customise the piece loading/unloading system, to almost zeroing the set-up times;
- the use of a second independent bridge for simultaneous machining operations on different pieces or on the same piece.

Main accessories

- Twin shuttle loading/unloading system
- Rotary table [1]
- Single table
- Revolver head
- Head with double exit electrospindle [2]
- Head with automatic tool changer up to 30 positions [4]
- Second independent bridge [3]
- Total enclosure





Application sectors



Technical features

Axis	X	Y	Z	C	A
Stroke	2,5/3/4/5,5 m	1,5/1,6/2,2 m	0,9/1,1 m	+/- 270°	+/- 120°
Speed	80 m/min		60 m/min	40 rpm	40 rpm
Spindle	From 2 kW up to 12 kW at 36.000 rpm max.				
CNC	Fanuc, Osai, Siemens				
Tool changer	From 8 to 30 positions				
Linear accuracy	≤ 0,05 mm/m for linear axes				
Rotary accuracy	+/- 25 arcsec for rotary axes				
Combined technologies	Waterjet				