

GLASS CUTTING AUTOMATIC MACHINE

BIG Jack

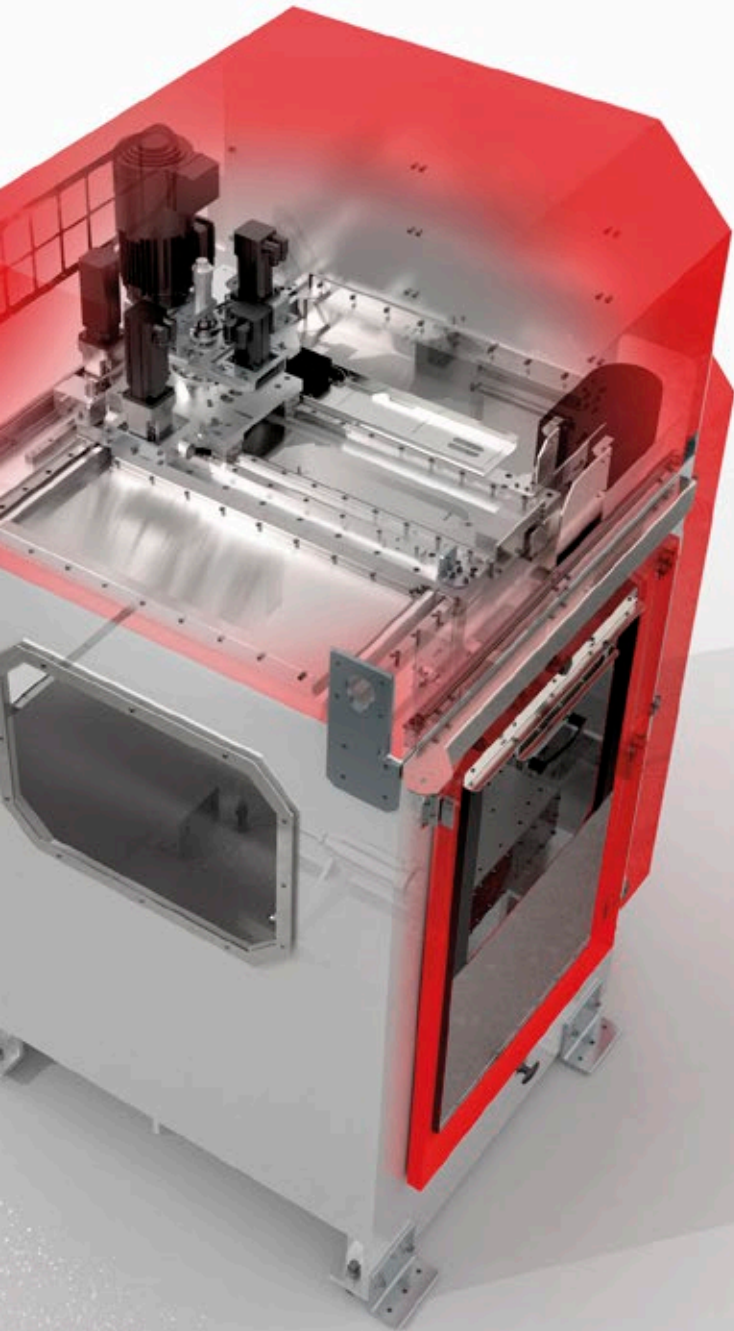


BOHEMIA MACHINE



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BIG Jack



Glass cutting automatic machine BIG Jack is a six-axis cutting center used to decorate glass products. Individual axes are driven by servomotors. BIG Jack is designed for machining larger pieces and can be used with either flat or rotary ones. Using its probe, it automatically measures the workpiece to ensure constant depth of cut in the variously deformed articles. It is also possible to replace its primary machining head with an auxiliary one for surface cutting, thus changing the nature of the machining. The entire control system and the program itself are developed by Bohemia Machine. Big Jack is a unique machine which, thanks to its arrangement of the positioning axes, covers the complete surface of the workpiece. The machining head can be modified according to the customer's requirements. It is possible to retrofit it with a solid table with a Z axis stroke for grinding 600x600mm glass plates.

BIG Jack is designed for decoration of glass articles on one position. The machine works with one product.

Length of the machine	1550 mm
Width of the machine	1750 mm
Height of the machine	2760 mm
Machine weight	3800 kg
Maximum product diameter	600 mm
Maximum product height	900 mm (range of cutting head 600 mm)
Product weight	up to 25 kg (according to customer's wishes)
Product shape	rotary, flat or non-rotary
Clamping	vacuum or mechanical (pneumatic)
Installed input	10 kW
Average input	2 kW
Control medium	Pressure air, vacuum (vacuum pump on request, input 0.8kW)
Maximum wheel diameter	150 mm
Wheel revolutions	200-6000 rpm
Number of cutting wheels	1 (or 3)
Range of product axis inclination	-60° to +90°
Cooling medium	water with emulsion



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