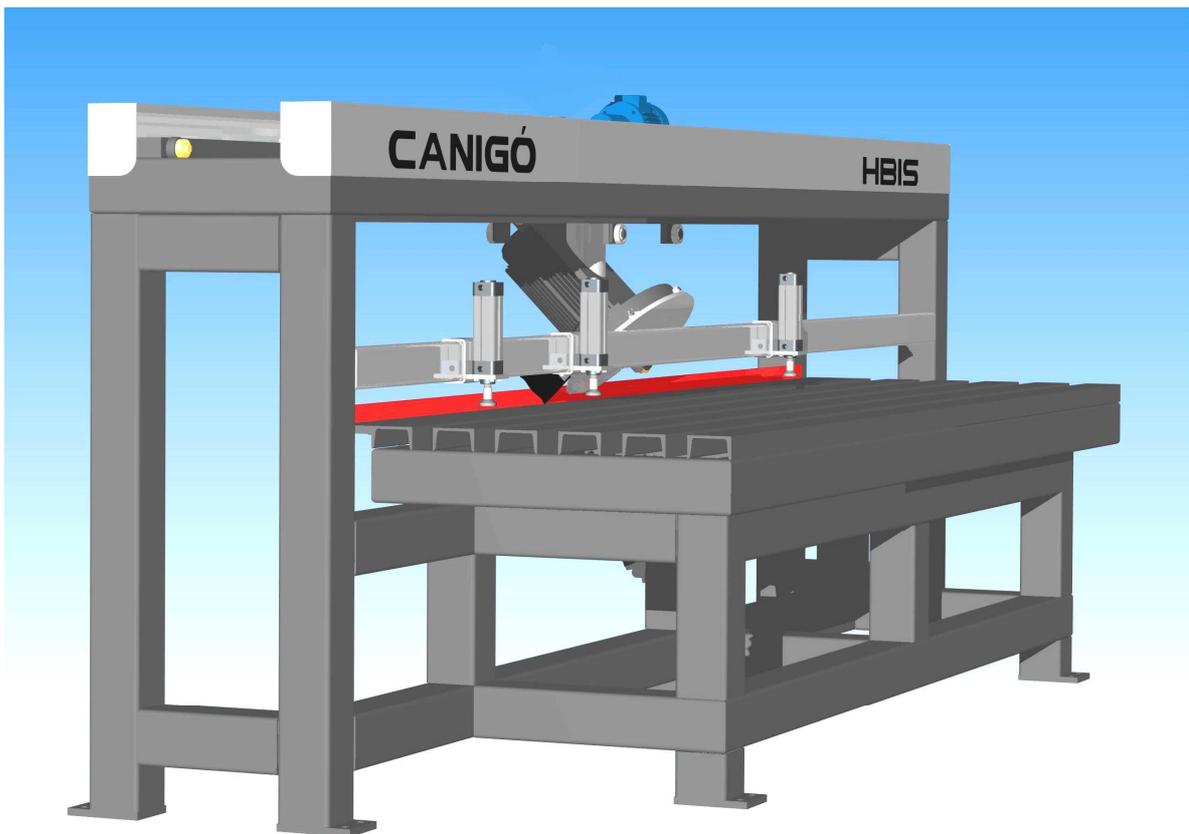




BRIDGE CUTTING MACHINE FOR BEVELS Model HBIS



GENERAL DESCRIPTION

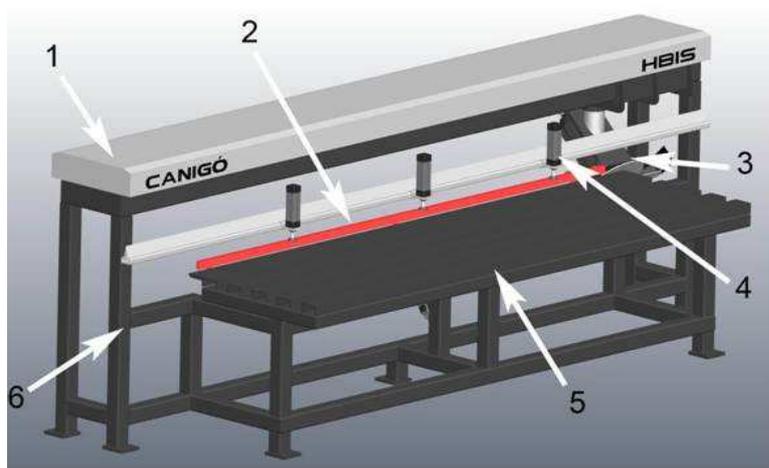
The HBIS machine is framed within the range of beveling machines. This is a semi-automatic machine that allows us to perform the following tasks:

- **Bevel at 45°**

It has a fixed table on which the material to be worked is placed. This material is immobilized by of pneumatic cylinders placed on the table. On the table in the area of the bottom, there is a bridge through which the carriage carrying the head circulates.



The main parts which form the machine are the following:



Bench or chassis (6): Structure where the whole machine is mounted.

Table: (5) Surface of rectangular shape where the material rests.

Bridge: (1) Upper structure through which the carriage carrying the head moves.

Head: (3) Formed by a disc carrier motor or chamfering cutter. This head is attached to the trolley that runs on the bridge, using a vertical column that allows a certain vertical movement, in order to be able to adjust the material at the most convenient distance.

Pressing cylinders: (4) Located on the table and movable sideways, they are responsible for holding the material during beveling.

Alignment rule: (2) it is a folding rule that is positioned when placing the material and is removed to allow the beveling operation.

STANDARD TECHNICAL CHARACTERISTICS

MOTOR

Hear motor power 1,1kw/1500rpm

HEAD

Number of heads 1

MOVEMENTS AND MEASUREMENTS

Vertical displacement for the regulation at 45° angle and the wear of the disk

Without transversal displacement

Longitudinal course of the cut disk 3200 mm

Longitudinal movement motorized

TABLE

Table not folding and not turning

Table dimensions 3000X940 mm

Rubber recovered table

AUTOMATISMS

Electronic regulation of the longitudinal movement speed

Automatism to open and close water

Possibility to cut in both directions (left to right / right to left)

STRUCTURE AND COMPONENTS

Monoblock machine. Non foundation required.

Front tilting mechanical limitation for the material positioning

Vertical pistons to hold the stone 4 units

TECHNICAL DATA

Water consumption (with disk of 350mm) 8-10 l/min

Total electrical power required 6 Kw aprox

External dimensions (approximate) 4100x1400xh1850

Three phase power supply + neuter: 400 v. 50 Hz.

