BRIDGE CUTTING MACHINE

Model HTO-B+

GENERAL DESCRIPTION

Classic par excellence bridge cutter. It allows carrying out **any kind of cut** with one or more different material sheets.

His **accurate design** provides the machine with **precision, agility, strength and long lifespan**.

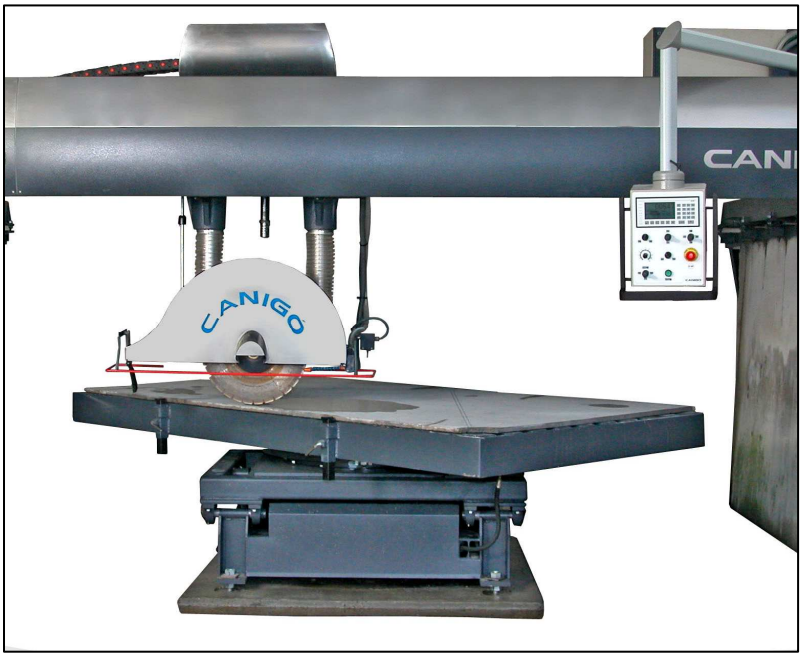
It allows adding technical **features and special cut programs** in order to adapt the machine to the specific needs of any workshop: copying device, kitchen programs, cut programs to 0º and 90º…

Examples of application:

It cuts bath and kitchen countertops, floor tiles, skirting, straight mouldings with copying device and other specific pieces.

STANDARD TECHNICAL CHARACTERISTICS

MOTORS	
Disk motor power	11 Kw - 15 Cv
Auxiliary motor power (long, trans, vert)	6,6 Kw - 9 Cv aprox
HEAD	
Inclination of the disk	Manual
Extreme angles of inclination.	From 0 to 90º
Diameter of the disk	350-625 mm
AXIS STROKES AND MOVEMENTS	
Vertical stroke of the disk	410 mm
Vertical movement	Motorized
Length stroke of the disk (with D.350mm)	3500 mm
Length movement	Motorized + viewer
Transfer stroke of the disk.	3500 mm
Transfer movement.	Motorized + viewer
TABLE	
Tilting and manual turning table, blocking system at 0º, 45º, 90º, 135º, 180º and 270º by pushbutton. Position light provided.	
Table sizes.	3000X1800 mm
AUTOMATISM	
Electronics regulation of speed for strokes.	
Automatic system for the opening and locking device of the water.	
Transfer course with programmer of sizes.	
Automatism of cut by steps.	
STRUCTURE AND COMPONENTS	
Laser pointer of 10 Mv.	
Protected and oil bath bridge guides.	
Protected and oil bath carriage guides.	
TECHICAL DATAS	
Minimum air pressure for the table blocking	6 bares
Total required electrical power.	19 Kw aprox
Water consumption (with disk of 350 mm)	15 l/min
Approximate net weight of the machine and accessories.	4400 Kg.
External sizes of the machine	5600x4900x3100mm
Three phase power supply + neuter: 400 v. 50 Hz.	



HTO-B STANDARD FEATURES

HTO-B OPTIONAL FEATURES

TECHNICAL DESCRIPTION

The structure of this machine consists of a bridge, rails and a table which supports the materials.

The **bridge** has been solidly built. Along it, the **carriage** slides carrying the flat-type motor. Displacement tracks are protected and lubricated with oil in order to ensure that movements are smooth.

Vertical stroke takes place on two chromium-plated straightened columns that are protected with bellows.

All displacements are motorized and controlled by an electronic speed inverter.

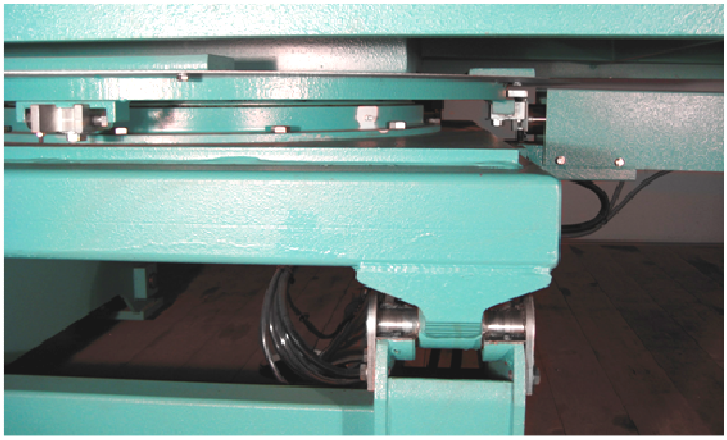
The **head** can be inclined and locked in any angle ranging from 0º to 90º in order to perform 45º cuts.

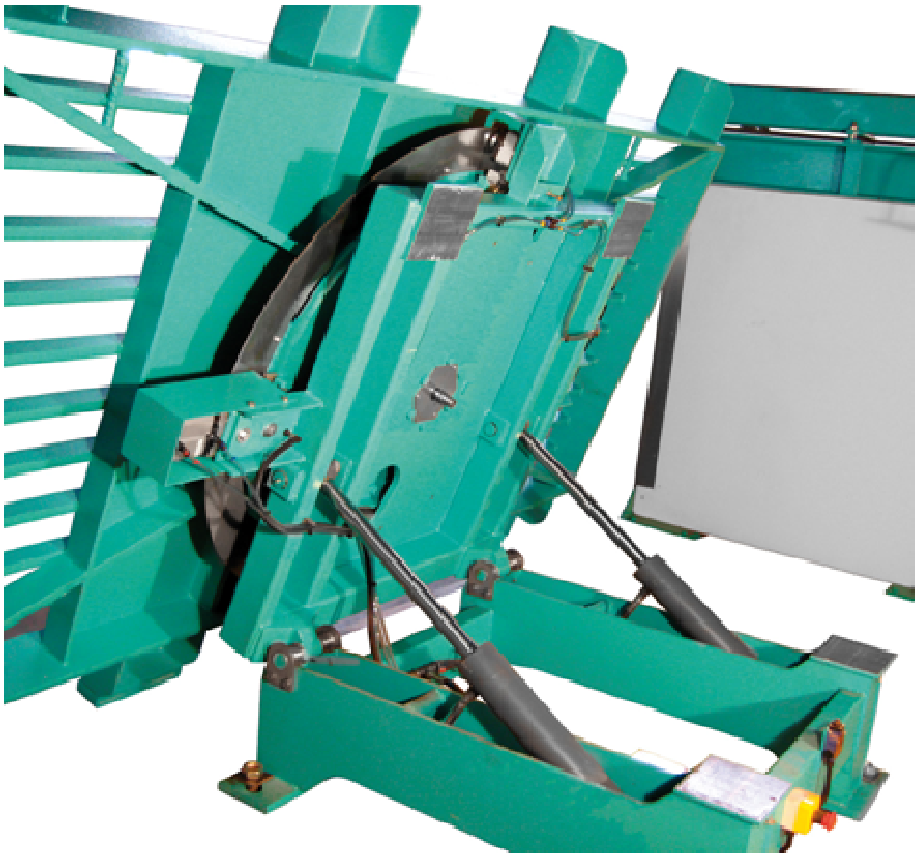
The **table** is rectangular and sufficiently big to provide space to the materials which have to be cut. It is manually revolving and may be automatically locked from the control board in any position in order to facilitate cutting with bevel square. It is equipped with great precision anchorage so as to obtain the cutting square, with a location light indicator on the screen.

The **control board** can rotate in order to facilitate the task of the operator and has a screen for programs selection which is **very easy to use**. With transverse multi-programmer, it permits to obtain the desired measures in an automatic, quick and accurate manner.

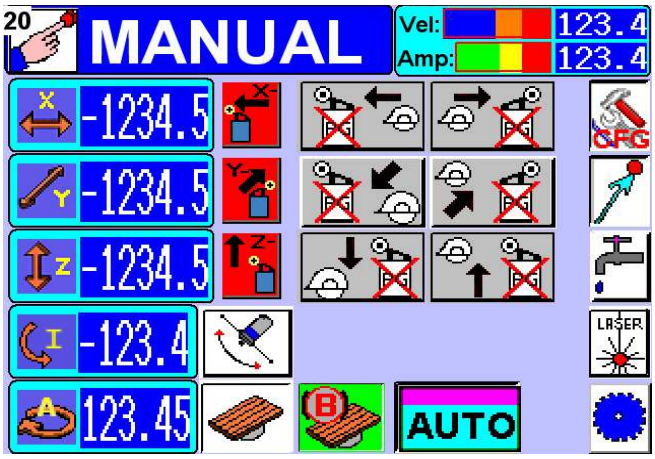
The table can be optionally overturned in order to facilitate slabs loading.

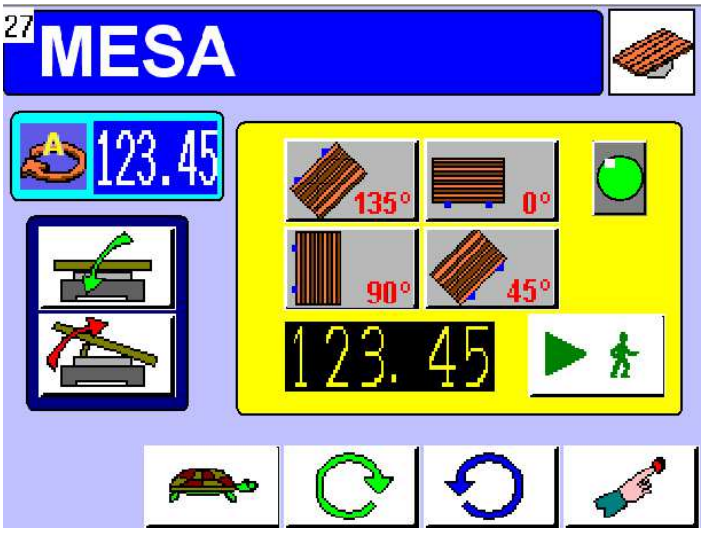
Other common fittings are the two-speed motor for different disk diameters, the programmer of vertical cut in drives, the laser for indicating cuts, or the electronic profile copier, among others.



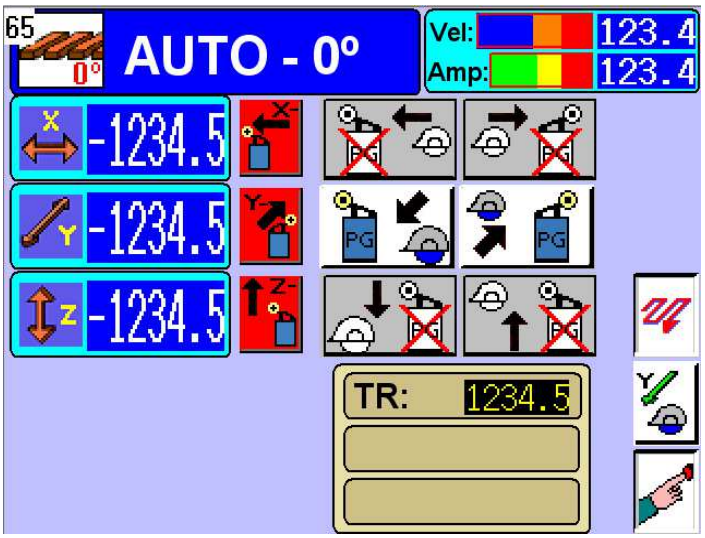



A. M. PASS
600.0
TR: 250.
Total:
Psd:


20
MANUAL
Vel: 123.4
Amp: 123.4
-1234.5
-1234.5
-1234.5
-123.4
123.45
CFG
LASER
AUTO


27
MESA
123.45
135°
0°
90°
45°
123.45


60
PROGRAMAS
AUTO


65
AUTO - 0º
Vel: 123.4
Amp: 123.4
-1234.5
-1234.5
-1234.5
TR: 1234.5


76
CORTES 0º
1 1234.5 12 / 12
2 1234.5 12 / 12
3 1234.5 12 / 12
4 1234.5 12 / 12
5 1234.5 12 / 12
INICIAL
1