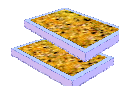
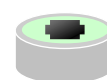




1.02.02 BENCH CUTTING MACHINE



CUTTING FEED

The unit motor-grinder moves toward the work-piece :

- Manual sensitive cutting feed (ref : 1 02 02 1D)
- Automatic and adjustable cutting feed by means of the main water supply (ref : 1 02 02 1 D1)
- Path 110 mm
- Cutting capacity : \varnothing 110 mm maximum.

CHARACTERISTICS

Electrical

230 V single phase 2,2 Kw 3 HP
400 V. triphase 3 Kw, 4 HP
Motor IP 55
Other on request

Disc

Diamond disc max: \varnothing 305
Flanges \varnothing : *according to the need*
Cutting speed: 2900 tr/min

Cooling: by 2 flexible spouts

ADVANTAGES

2 precision cylindrical rods allow the guiding of the cutting feed.

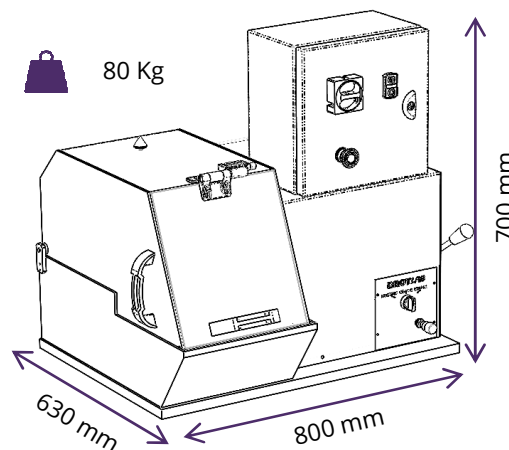
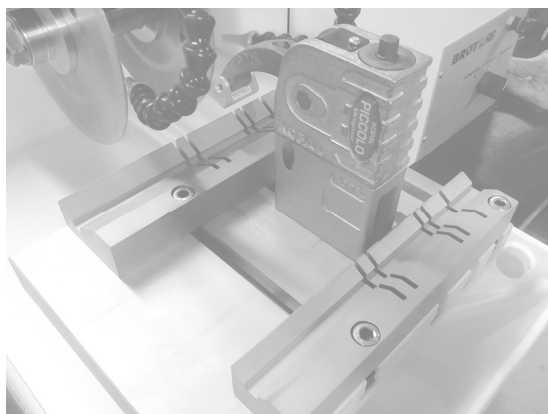
The radial penetration in the blade :

- minimizes very much the deformation of the blade
 - enables an important cutting of sections
 - avoids the cutting from the corner of the workpiece which leads a chamfered ending
- The grooved table enables the adjustment of all kind of fastening and clamping necessary for the cutting.

The adjustable automatic feed by main water supply pressure is an economic solution without using up energy and easy to maintain.

The adding of a lateral motion system by 1/10 mm graduated vernier enables the cutting of slices with constant thickness.

Some specialized realizations are listed following.



Updated in august 2020

AERI BROT^{LAB}

230 / 250 route de Savignies - 60650 LE MONT SAINT ADRIEN - FRANCE
Tel : + 33 (0)3 44 82 88 88 - Fax : +33 (0)3 44 13 02 2 - Email : commercial@brotlab.com
SAS capital de 300 000 € - Siret : 40278098500055

BROT^{LAB}



1.02.02 BENCH CUTTING MACHINE

CUTTING / CORING

COATING / EMBEDDING

BONDING

GRINDING

LAPPING

POLISHING

2 BLADES FOR SIMULTANEOUS CUTTING WITH WATERING REF : 1 02 02 2D1

Bench model cutting machine with :

- automatic cutting feed with release by main water supply (**1 02 02 2D : manual**)
- cutting with cooling
- long spindle for 2 blades for parallel sides cutting, maximum gap between the 2 blades : 80 mm
- 2 devices to fix the plug :
 - 1) \varnothing 20 to 40 mm
 - 2) \varnothing 40 to 60 mm } *length 25,4 - 50 - 60 or 80 mm (other size on request)*
- option :
 - ⇒ variable speed : 800 to 4000 rpm
 - ⇒ recycling tank with pump.

AUTONOMOUS WORKSTATION FOR 2 BLADES WITH BUILT- IN HYDRAULIC STATION AND RECYCLING TANK REF 1 02 02 2D2

Machine with integrated furniture with :

- automatic cutting feed with built-in hydraulic station
- cutting with cooling with built-in recycling tank
- long spindle for 2 blades for parallel sides cutting, maximum gap between the 2 blades : 80 mm
- 2 devices to fix the plug :
 - 1) \varnothing 20 to 40 mm
 - 2) \varnothing 40 to 60 mm } *length 25,4 - 50 - 60 or 80 mm (other size on request)*
- option : variable speed : 800 to 4000 rpm

AERI BROTLAB

230 / 250 route de Savignies - 60650 LE MONT SAINT ADRIEN - FRANCE
Tel : + 33 (0)3 44 82 88 88 - Fax : +33 (0)3 44 13 02 2 - Email : commercial@brotlab.com
SAS capital de 300 000 € - Siret : 40278098500055

BROTLAB®