## Double head cutting machine for aluminum for aluminum Emmegi START MAGIC 450 TU/4

## General Specifications:

- Type: Double head cutting machine for aluminum
- Manufacturer: Emmegi
- Model: START MAGIC 450 TU/4
- Manufacturing date: 2002


## Images:



## Specifications:

The machine START YOUR MAGIC 450 / 4 is used for cutting aluminum profiles.

The machine consists of a base steel sheet in which two rods of high strength steel having the function of guide for the displacement of movable cutting unit are fixed. Two cutting units, each mounted on its corresponding carriage, are composed of a block carrier sheet can be positioned with respect to the supporting profile , $90^{\circ}, 45^{\circ}$ and $22.5^{\circ}$ ( optional), and also at angles intermediate .

The length of the piece to be cut are obtained running the cutter, using a jig dimension .

This type of splitter can contain several modes:

[^0]. Execution of cutting lists introduced by keyboard.

- Execution of cutting lists received from a PC via network or computer support .
- Running courts brackets ( optional)
- Execution of lower courts regarding the minimum length measuring machine (optional )
- Running superior cuts length to the fullest extent of the machine (optional).
- Implementation of blunt cuts ( optional).
- Management of a printer for labels during the cutting phase (optional)
- Introduction and implementation of automatic calculation formulas for certain types of frames.

A hydraulic cylinder advances the blade leaving only the vertical flat surface with the driven motor ( rotating blade ), with locked jaws and downs protections. The cut is made by saw blades carbide .

Cooling the sheet, which occurs only during the cutting operation, are obtained by a Venturi system or a LUBRICA system ( optional ) adjustable both capacity .

A single user located at the front of the machine near the control panel can perform the necessary operations.

## TECHNICAL DATA:

Minimum length cut at $90 \div: 225 \mathrm{~mm}$

Minimum length cut at $22^{\circ} 30^{\prime}: 310 \mathrm{~mm}$

Maximum cutting length : 4000-5000-6000 mm

Saw blade diameter : 450 mm

Blade shaft diameter : 32 mm

Motor power of saw blade: 2.2 KW

Motor revolutions saw blade : 2800 rpm

Installed power: 5.3 KW

Saw blade advance speed : 0-60 mm / s

Cutting speed: $66 \mathrm{~mm} / \mathrm{s}$

Working pressure : 6-8 Bar

Air consumption per cycle at 6 Bar : 15 NI

Weight: 1270 kg

Dimensions: 8400x1400×1838H


[^0]:    - Running Individual cuts with automatic adjustment of the thickness profile .

