

## Classic Vis

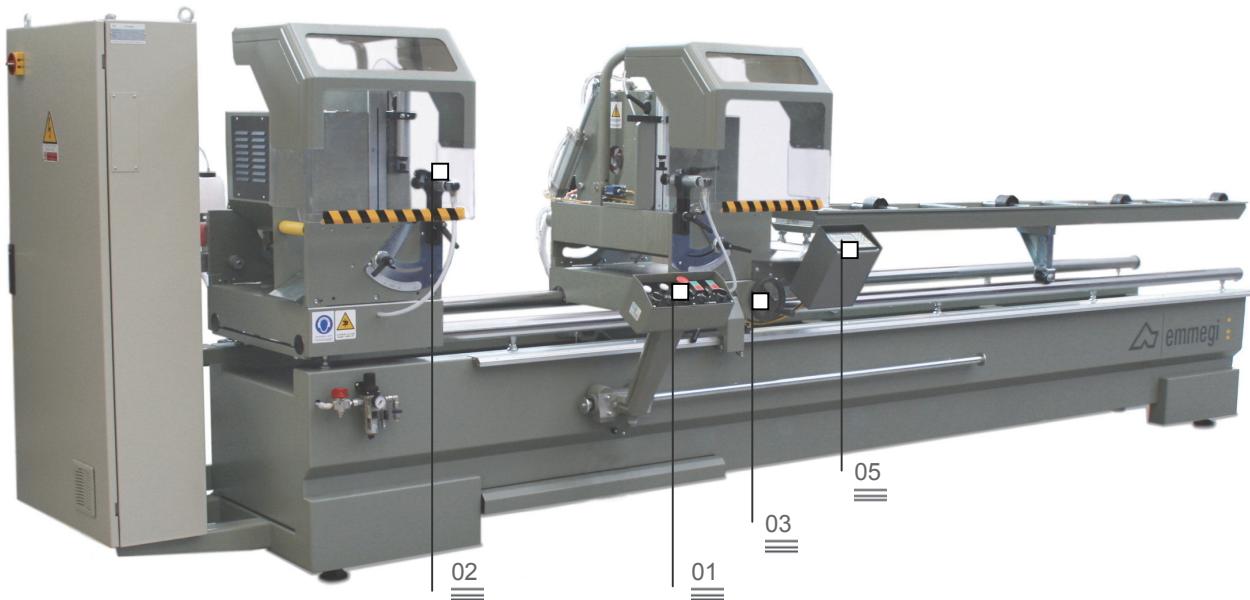
Twin-head cutting-off machine



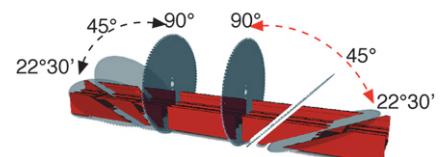
Control panel 01



Tilting of the moving cutting heads 02



The Emmigi twin-head cutting-off machines boast of exceptional performance characteristics, including ruggedness and reliability. This machine is the ideal tool for cutting aluminium bars in various thicknesses and at different angles. Latest generation machines which can make a considerable contribution to the production cycle thanks to their high standard of accuracy and user-friendliness. Twin-head cutting-off machine with manual traverse of the moving cutting head and cutting length read-out by digital display. The machine can be provided with an industrial label printer to enable profile identification and association with relative job.



Positioning of the moving cutting head 03



Digital readout for intermediate angles (optional) 04



Digital readout x axis 05



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Twin-head cutting-off machine

**01**

Control panel

The control panel installed on the various models runs on bearings and facilitates machine use due to the fact that it can be positioned in proximity of the cutting head.

**02**

Tilting of the moving cutting heads

Rotation of the heads about the horizontal axis is powered by pneumatic cylinders. External angles from 90° to 45° can be obtained from machines fitted with 450 mm diameter blades. Using 500 mm blades, it is possible to obtain external angles from 90° to 22°30'. Intermediate angles can be obtained by using the appropriate manually adjustable stop. The moving cutting heads are fully guarded in the work zone and lowering of these guards is pneumatic.

**03**

Positioning of the moving cutting head

The movable cutting head is positioned manually by turning the control handwheel; measurement of the position is through a magnetic tape and the LCD display unit of PLC type shows the co-ordinates at which the movable cutting head is positioned.

**04**

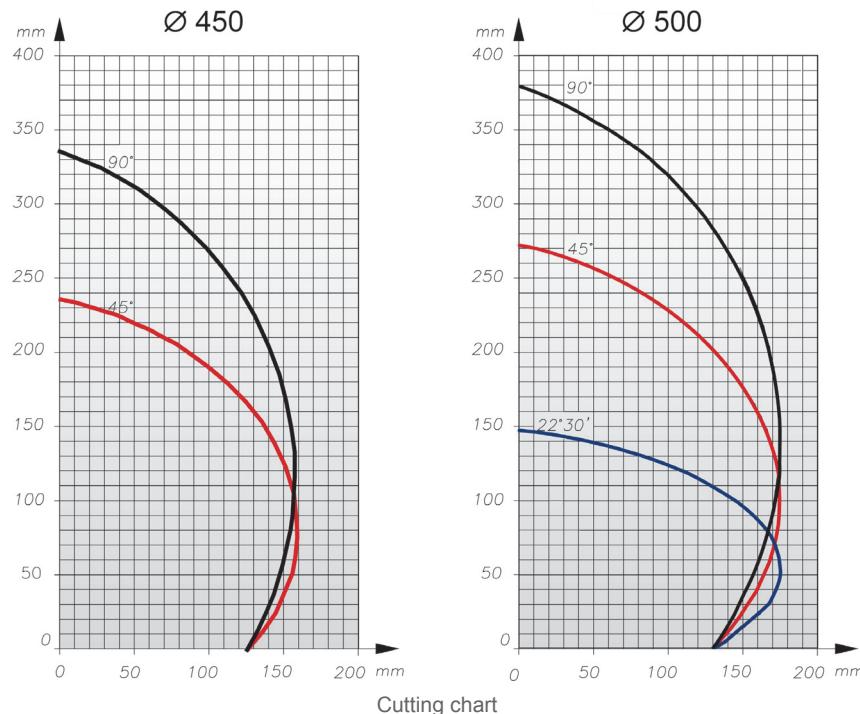
Digital readout for intermediate angles (optional)

When there is pneumatic tilting of the moving cutting heads, the intermediate angle readout allows exact identification of the tilting of the cutting head, thereby ensuring accuracy of the cut profiles. This device, which is specially useful in making cuts at intermediate angles, allows the operator to identify the required angular setting quickly and accurately.

**05**

Digital readout x axis

The positional dimension of the moving cutting head along the X axis is displayed electronically via a digital readout which gives an immediate reading of the preset length and ensures accuracy during the cutting phase.



Cutting chart

## CONTROL CHARACTERISTICS

Digital LCD readout	•
Execution of single cuts	•
Memorization of 99 profile compensations with automatic calculation of the size for angle cuts	•
Memorization of 10 cutting lists (each with 50 lines) via keyboard	•

## MACHINE CHARACTERISTICS

Measurement of moving cutting head position via direct measuring system with magnetic tape	•
carbide-tipped blades	2
Full guard for cutting zone, pneumatically operated	•
Pair of horizontal pneumatic clamps with "low pressure" device	•
Profile support roller conveyor	•
Lubrication system, spray-mist lubrication with oil and water emulsion or minimum quantity oil lubrication (depending on version)	•
Manual profile support	•
Predisposition for automatic start of swarf exhauster MG	•
Pair of standard counterblocks	•
Metric scale	•
Cutting capacity, depending on model	4 / 5 / 6
Blade motor power rating (kW)	2,2