



Classic Magic

Double-head cutting-off
machines



Electronic double-head cutting off machine with automatic movement of the mobile head through a C.C. motor controlled by numerical control. Pneumatic management of all angles up to 22°30' (external). 450 and 500 mm-blade. Available with a useful cut of 4, 5, 6 m in length.



Mobile heads tilting

Rotation of the heads around the horizontal axis is by means of pneumatic cylinders, and the angles that can be obtained range from 90° up to 22°30' externally; intermediate angles are obtained by means of special manually adjustable stops. Mobile units are equipped with integral pneumatic drop-down protections of the machining area.



Control

The control installed on the various models, designed for ease of use and sliding on bearings, allows correct positioning of the moving heads according to the specifications of the cut to be made. The machining cycle can be optimised by creating cutting lists, thereby reducing scrap and cycle times for workpieces loading-unloading.



Pneumatic intermediate support (Optional)

The pneumatic intermediate support is extremely useful when cutting light profiles of considerable lengths. In this case, the pneumatic support will, automatically, provide the ideal condition to support the profile. This accessory is available for all lengths, but is specifically recommended on machines having 5- and 6-meter useful cuts.



Digital viewer for intermediate angles (Optional)

In the presence of pneumatic tilting of the moving heads, the intermediate angle viewer allows the tilting of the cutting unit to be identified with absolute precision, ensuring the accuracy of the cut profiles.



Electronic profile thickness gauge (Optional)

This refined profile thickness control system enables automatic correction of the cutting dimension according to the actual size of the profile, with relative tolerance resulting from surface treatments such as painting, anodising, etc.



Label printer (Optional)

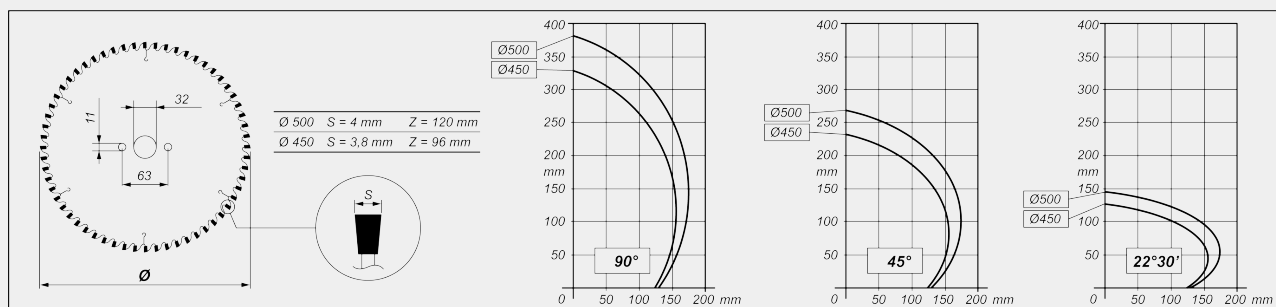
The industrial label printer allows each cut profile to be identified with identifying features from the cutting list. In addition, barcode printing enables easy identification of the profile itself, which is particularly useful for subsequent machining steps on Machining Centres or assisted assembly lines.


CLASSIC MAGIC / DOUBLE-HEAD CUTTING-OFF MACHINES
COMMAND FEATURES

Alphanumeric fluorescent display FIP (2 lines of 40 characters each)	●
Preparation for label printer connection	○
USB port	○
RJ45 network card	○
Perform single cuts	●
Storage of 99 profile corrective values with measurement automatic calculation for angled cuts	●
Storage of 20 cutting lists (50 rows each) from keyboard	●
Storage of 10 cutting lists (100 rows each) via cable from an external PC using a USB	○

MACHINE CHARACTERISTICS

Mobile head position reading with magnetic strip direct measuring system	●
Cemented carbide blade	2
Cutting area pneumatically-controlled integral protection	●
Pair of horizontal and vertical pneumatic vices with "low pressure" device	●
Profile support roller conveyor	●
Water spray-mist lubrication system with oil emulsion or minimal diffusion oil spray-mist (depending on version)	●
Cutting angles with Ø 450 and 500 mm blades from 22°30' (outside) to 90°	●
Manual profile support	●
Pre-setting for automatic exhauster start	●
Pair of standard counterblocks	●
Metric ruler	●
Cutting capacity (mm)	4.000 / 5.000 / 6.000
Blade motor power (kW)	2,2

CUTTING DIAGRAM


Included ● Available ○