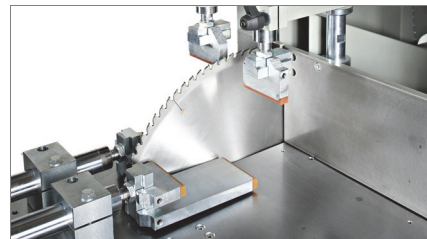


Feeder clamps 01



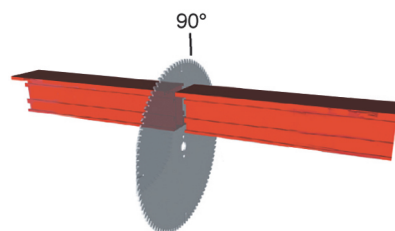
Blade and clamps 02

Automatica

Single head cutting-off machine

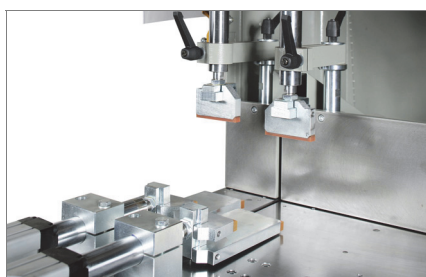
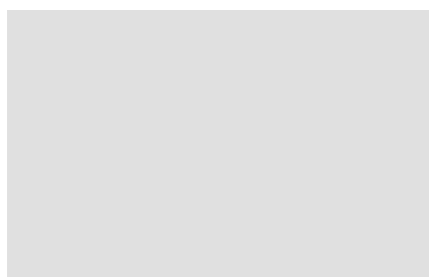


Single head, rising blade cutting-off machine with automatic cycle, for 90° cutting, equipped with bar feeder and mechanical stop device, adjustment of length and cutting tolerance down to ± 0.1 mm. The machine is also characterized by a pneumatic blade feed system.



Cutting zone 03

Control 04



Automatica

Single head cutting-off machine

01

Feeder clamps

Bar feed system powered by a pneumatic actuator. The system is provided with a pneumatic horizontal clamp having manual adjustment, which allows very rigid clamping of a great variety of profile geometries as well as a rapid set-up.

02

Blade and clamps

The workpiece is gripped by using horizontal and vertical clamps, characterized by very rapid positioning. The ruggedness of the mechanical structure adopted ensures maximum rigidity in clamping the workpiece to the work tables.

03

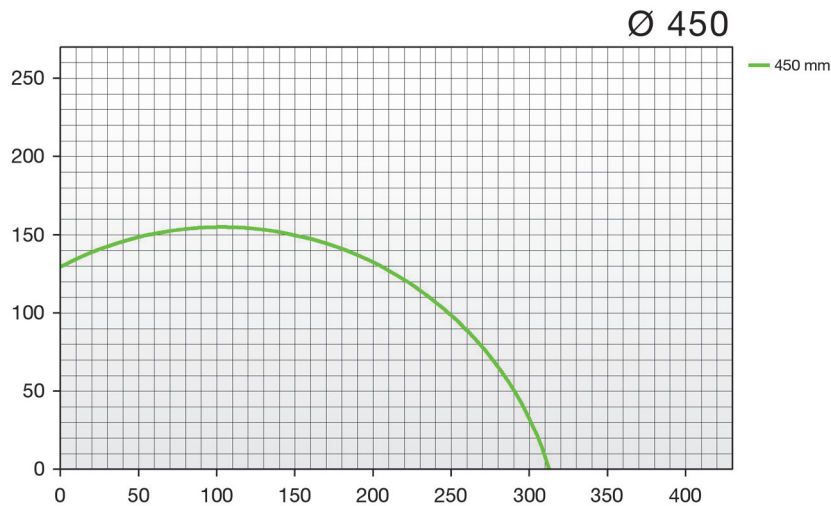
Cutting zone

In order to allow maximum utilization of the large cutting capacity which ensures machinability of large profiles, the cutting zone is characterized by a rugged structure designed to offer maximum accuracy. This regards both the horizontal work table and the vertical fence.

04

Control

The control zone consists of a control console equipped with a PCL unit from which is it possible to control the blade outfeed and lubrication. The machine control is complete with a clamp pressure regulating system and predisposition for adjusting the blade outfeed rate.



Cutting diagram

BLADE	
Carbide-tipped blade (mm)	450
Swarf conveyor for blade	
BLADE FEED	
Hydro-pneumatic	
CUTTING ZONE GUARDS	
Full guard, manually operated	
LUBRICATION SYSTEM	
Minimum quantity oil lubrication	
CLAMPS	
Vertical /horizontal pneumatic clamps for cutting zone with pressure reducing valve and horizontal clamp for feeder zone	
MOTOR	
Three-phase brake motor, operating time 10 sec. (kW)	5,5
PREDISPOSITION FOR SWARF EXHAUSTER	
MG	
ACCESSORIES	
Manual stop for recovering the workpiece	
FEEDER	
Pneumatic (mm)	0 ÷ 800