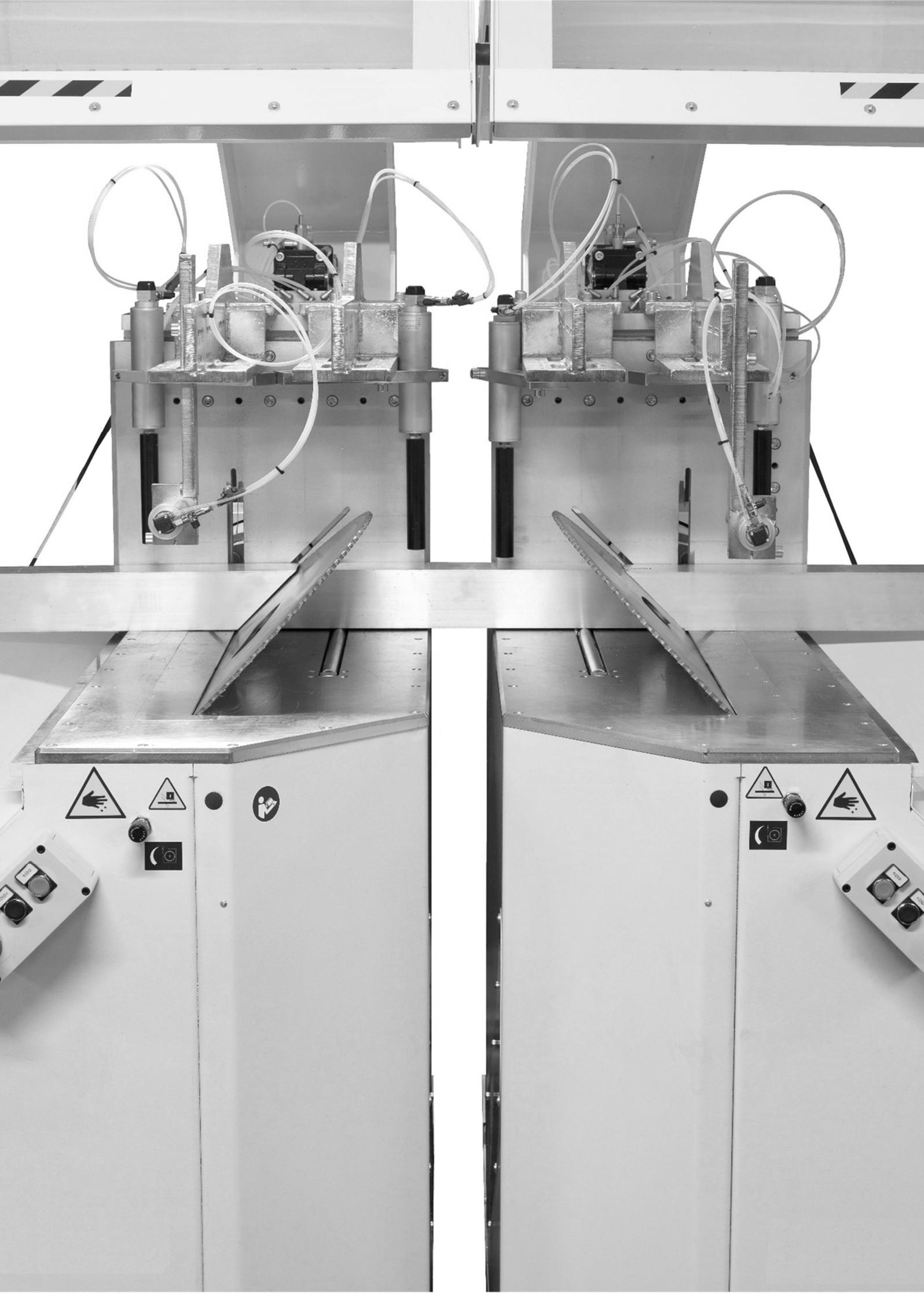




Selecta AL

Double head cutting machine



Double head cutting machine with tilting and rotating ascending blades for compound cuts; fixed left unit and mobile right unit with automatic movement controlled by numerical control

STANDARD CHARACTERISTICS

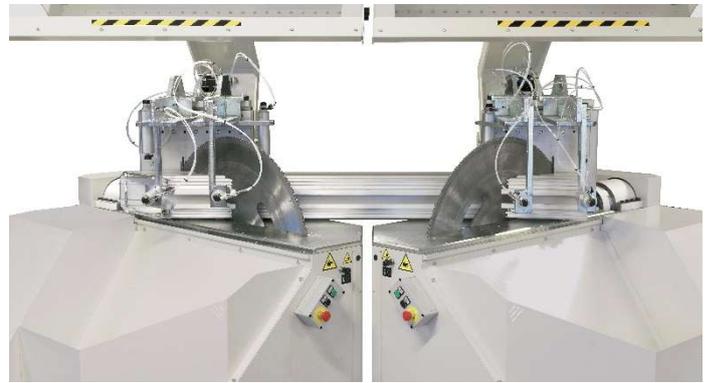
Structure

- Electrowelded steel basement
- Feeding roller conveyor combined with mobile head
- Central intermediate retractable pneumatic support
- 4 vertical pneumatic clamps and 4 horizontal pneumatic clamps



Cutting unit

- Electronic pivoting and tilting controlled by software
- Microdrop cutting lubrication with pure oil
- 2 blades Ø 1050 mm included



Axes (x-y-z)

- Axes movements controlled by brushless motors
- Mobile head movement on linear guides

Control panel

- Latest generation electronic control unit at 5 axes on Windows PC (10,4" colour touch-screen) for interface and electronic axes management
- HICAM 2 software to upload and run machining programs; list machining and visualization of profile/workpiece data
- Ethernet, wi-fi and teleassistance
- RJ 45 – USB network ports

Safety

- Integral cutting area protections with automatic opening/closing
- Optical barrier
- Complies with CE safety regulations as standard

Electrical cabinet

- IP 55 protection

Cutting capacity

90°
45°

340x340 mm
260x260 mm

700x245 / 500x300 mm
700x175 / 500x210 mm

General specifications



1.050 m



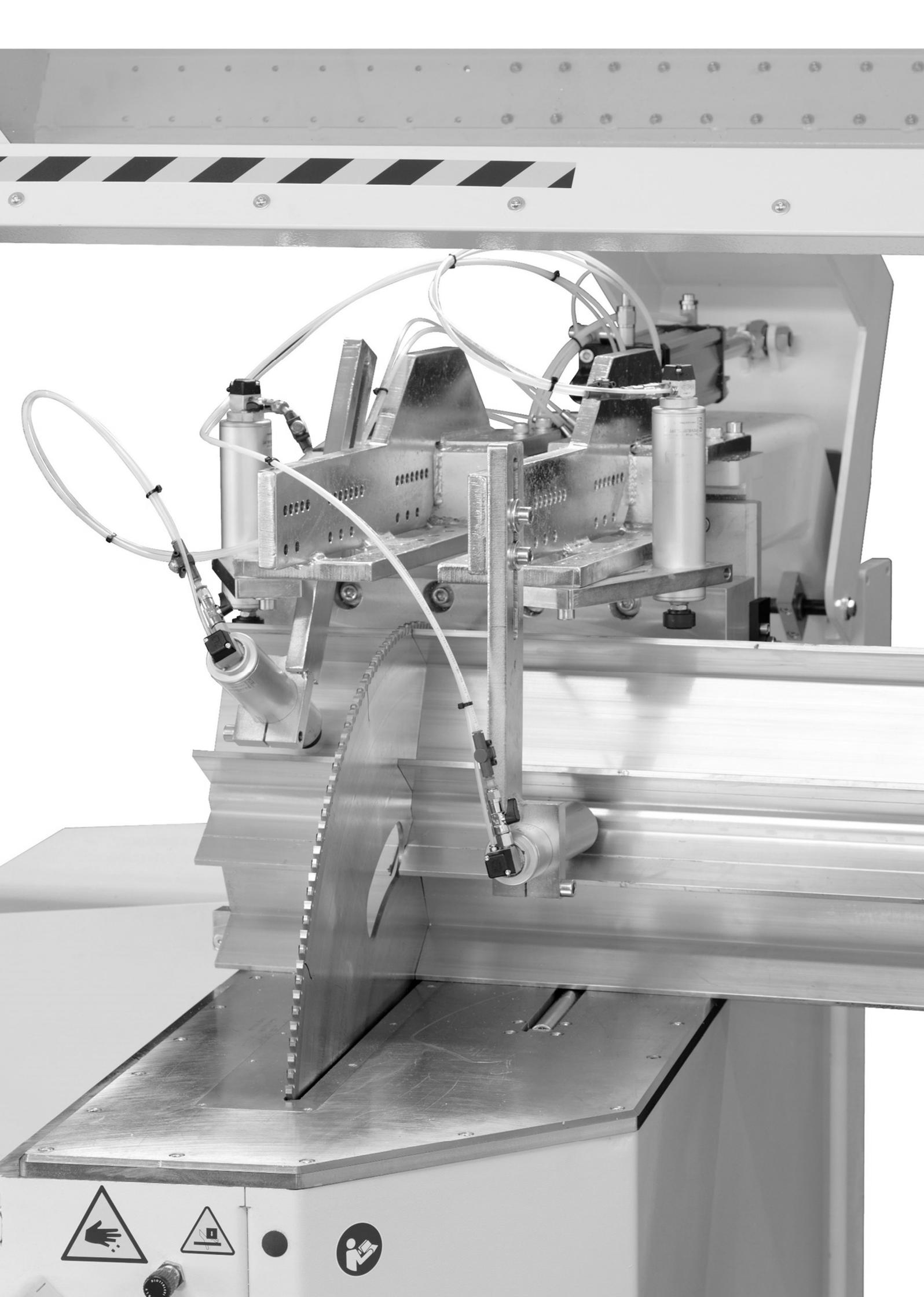
15 kW (x2)



6.000 kg



10.650x2.700x3.000 mm



TECHNICAL INFO

Positioning axes		Cutting unit	
X axis		Blade diameter	1.050 mm
Stroke	6.000 mm	Shaft diameter	30 mm
Speed	25 m/min	Blade revolutions	1.800 rpm
Y and Z axes		Max cutting speed	6 m/min
Tilting angle	90°-135°	Blade output management	Oleopneumatic
A and B axes		Motor power	15 kW
Pivoting angle	40°-157,5°		

Power supply		Cutting specifications	
Electric power (three-phase)	400 V / 50 Hz	Minimum cutting length between 2 blades	750 mm
Air compressed supply	7 Bar	Maximum cutting length between 2 blades	6.000 mm
Air consumption per cycle	194 NI	Under and over size cuts possible by software	

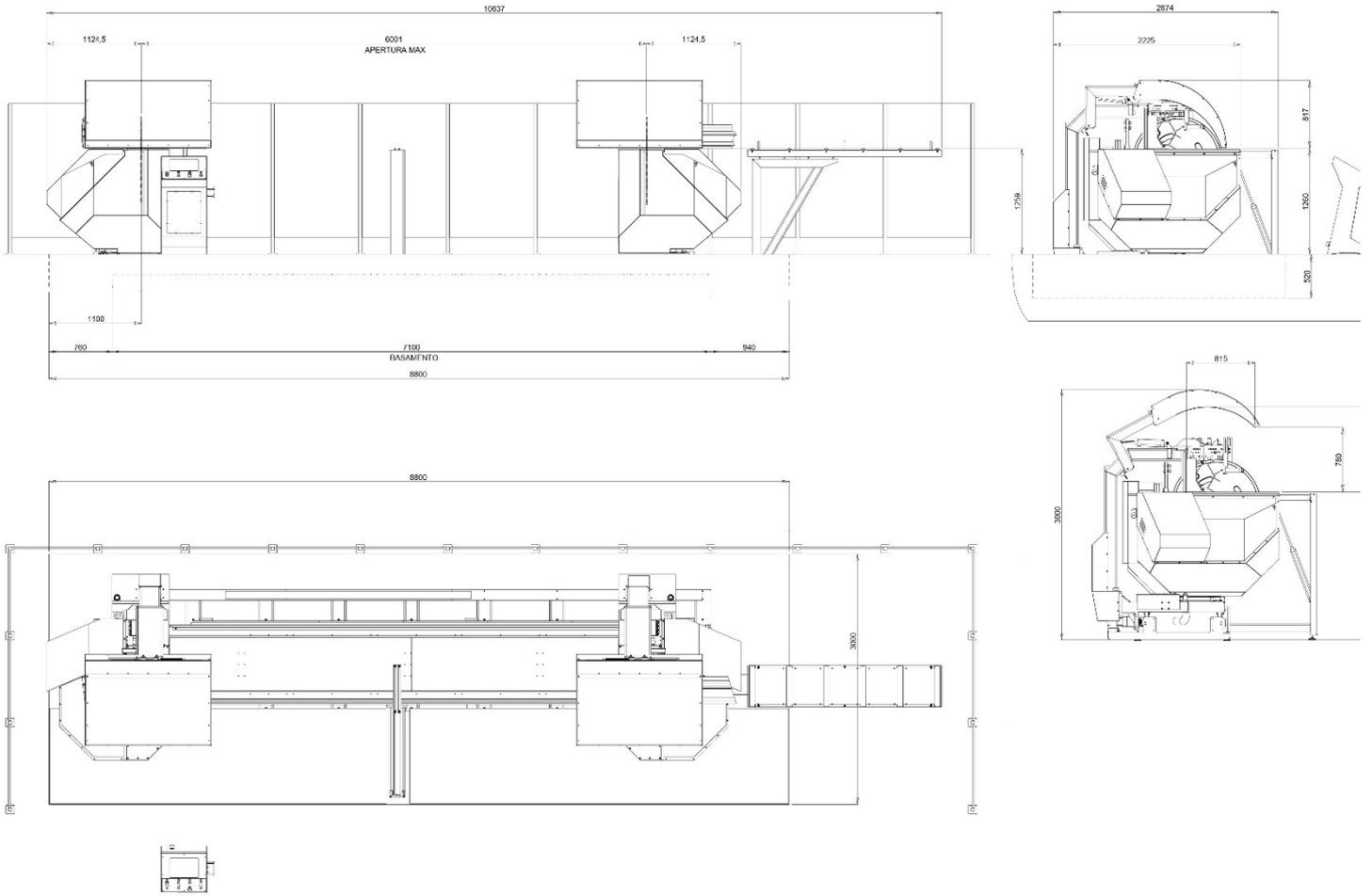


Optionals

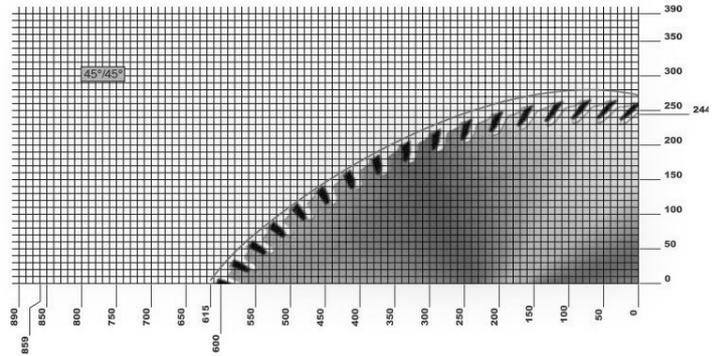
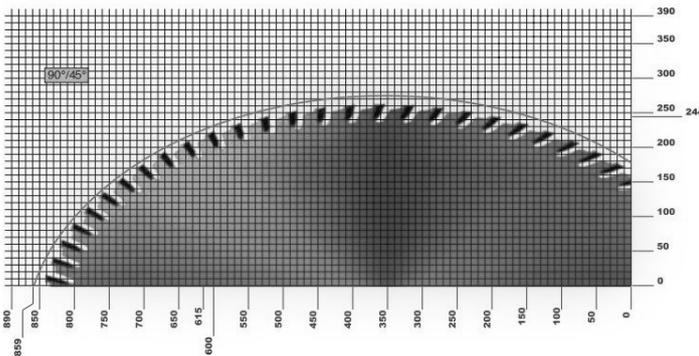
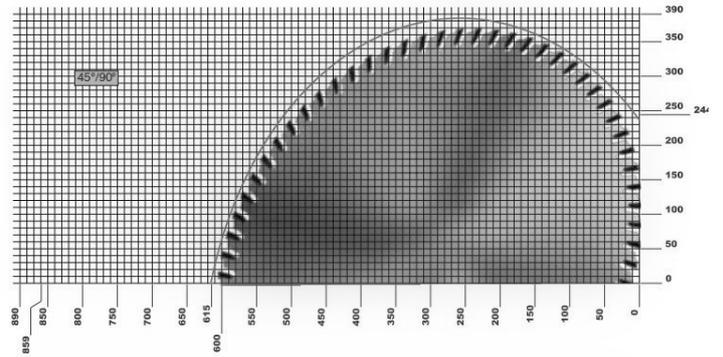
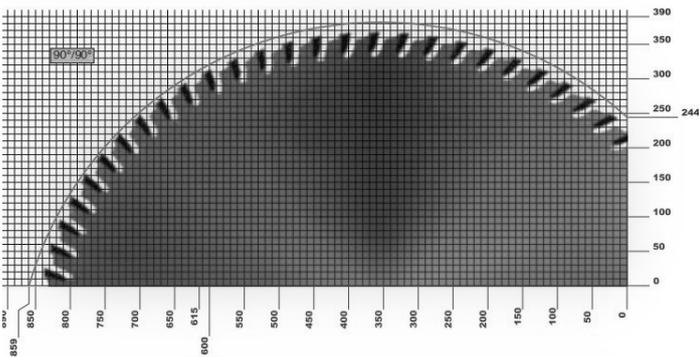
- Motorized belt conveyor for swarf
- Saw blade Ø 1050 mm
- Profile final support
- Label printer
- Oil tank 25 l
- Autotransformer for special voltage
- UL-CSA compliant components



Machine layout



Cutting diagrams





Gemma Group srl
Via Dante Alighieri, 6
47853 Coriano – Rimini – Italy
Tel. +39 0541 905811
www.gemma-group.com
email: info@gemma-group.com