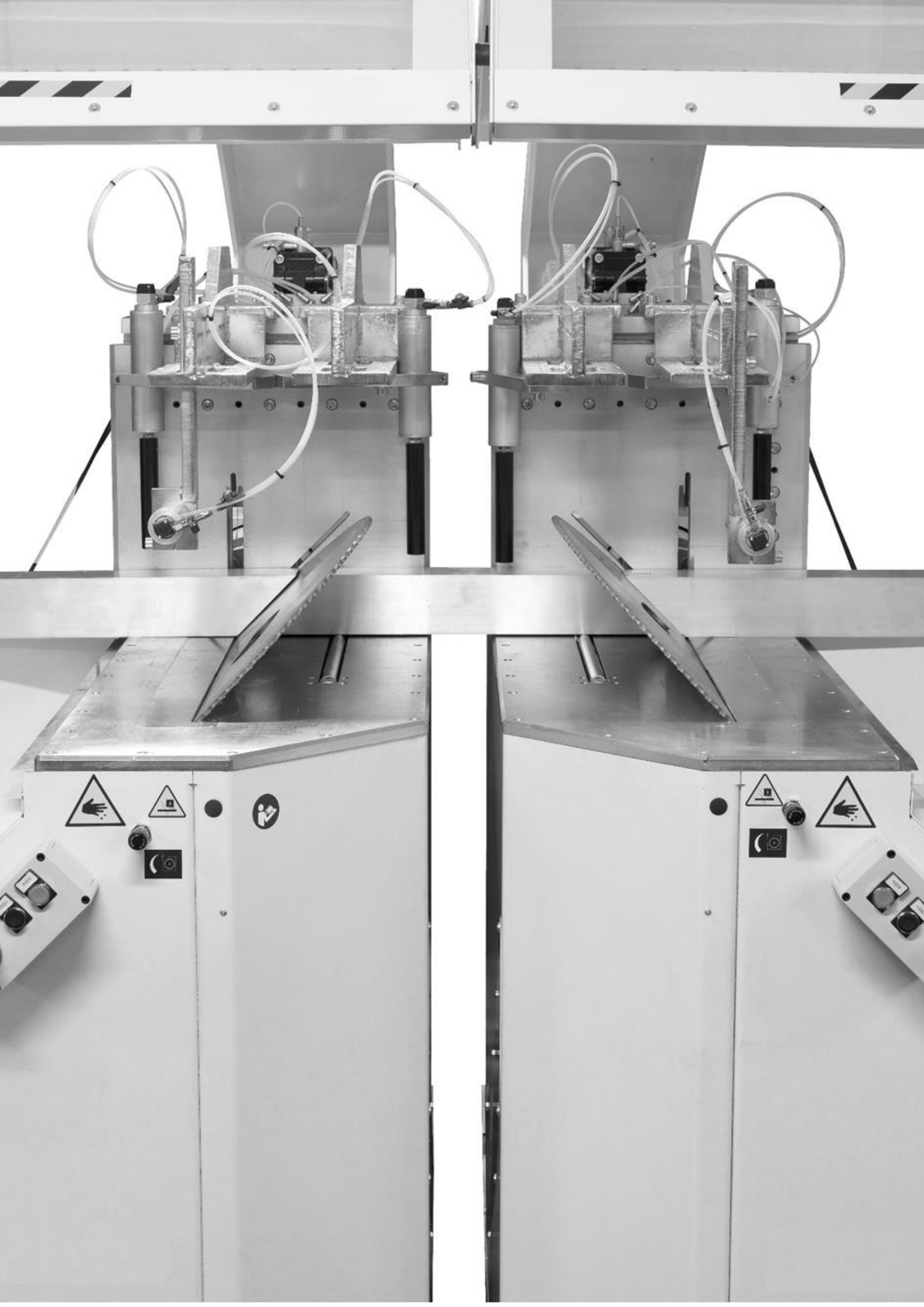




Selecta AL

Double-head cutting-off machine



Double-head cutting-off machine with tilting and rotating ascending blades for compound cuts; fixed left unit and movable right unit with automatic movement

STANDARD CHARACTERISTICS

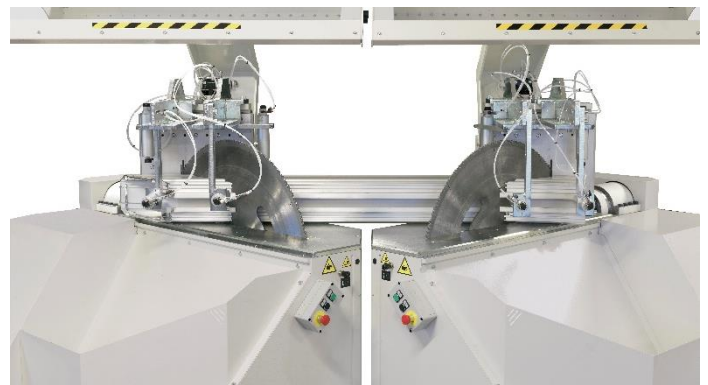
Structure

- electro-welded steel basement
- feeding roller conveyor combined with moving head
- central retractable pneumatic support
- 4 vertical pneumatic clamps and 2 horizontal pneumatic clamps



Cutting unit

- electronic pivoting and tilting controlled by software
- micro-drop cutting lubrication with pure oil
- 2 wide blades Ø 1050 mm



Axes (x-y-z)

- axis movements are controlled by brushless motors through precision ball screws
- mobile head movement on linear guides

Control panel

- electronic control unit on PC-Windows (17" color touch-screen) for interface and electronic axis management
- HICAM 2 software to upload and run machining programs; list machining and visualization of workpiece lead time
- ethernet, wifi and teleassistance
- RJ 45 – USB network ports
- meets Industry 4.0's requirements

Safety

- integral cutting area protections with automatic opening and 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 mm



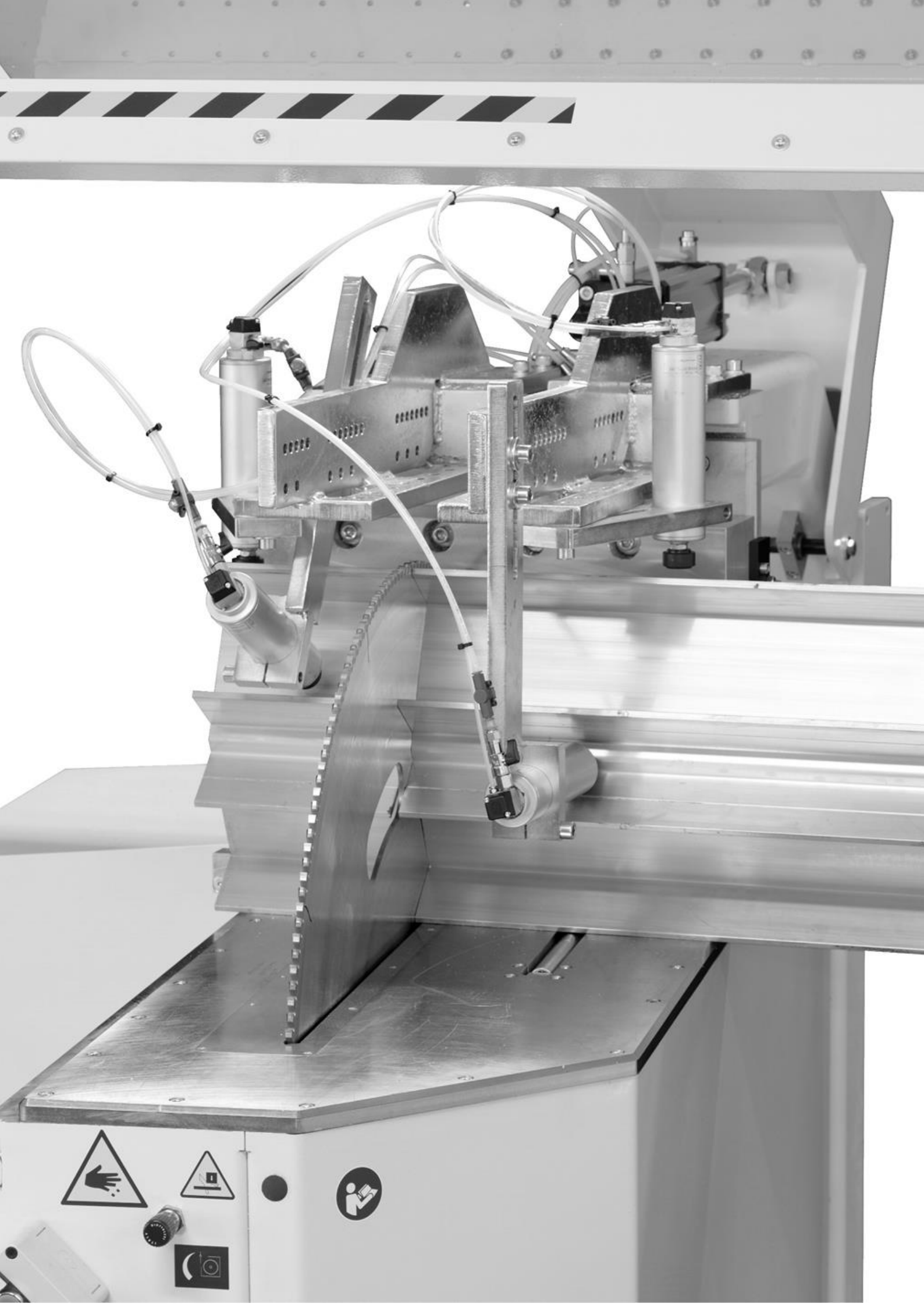
15 kW (x2)



6.000 kg



10.650x2.700x3.000 mm



SELECTA

Double-head cutting-off machine with tilting and rotating ascending blades for compound cuts; fixed left unit and movable right unit with automatic movement

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	electronic
A and B axes		Motor power	15 kW
Pivoting angle	40° - 157,5°		

Power supply		Cutting specifications	
Electric power	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		

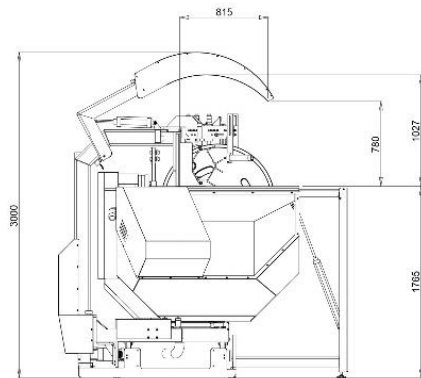
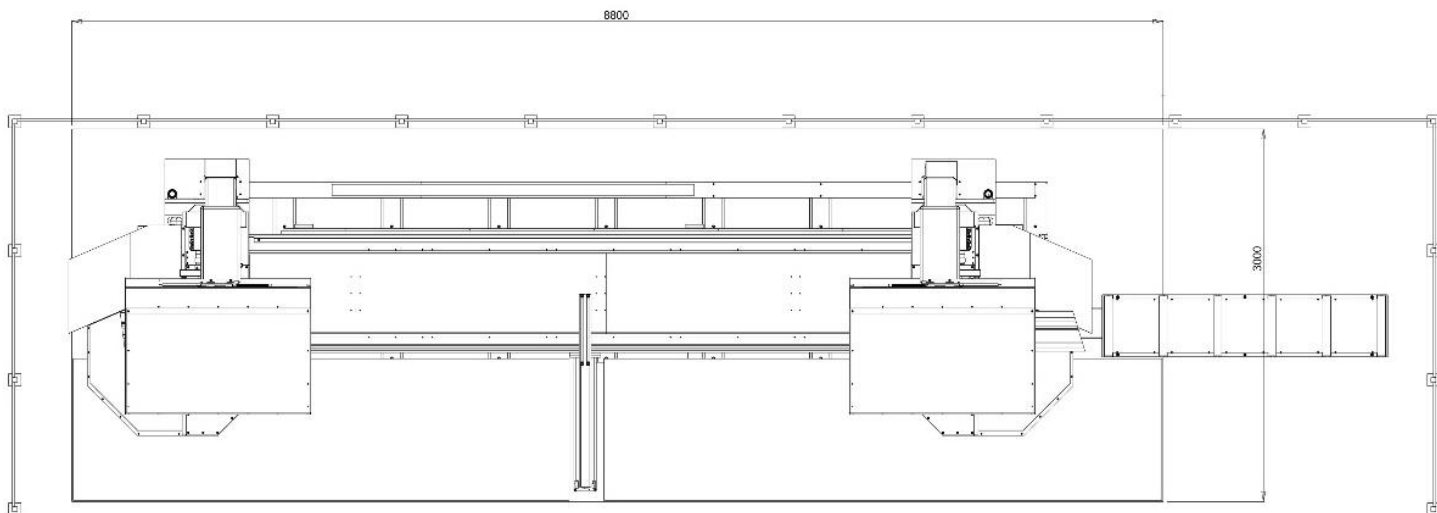
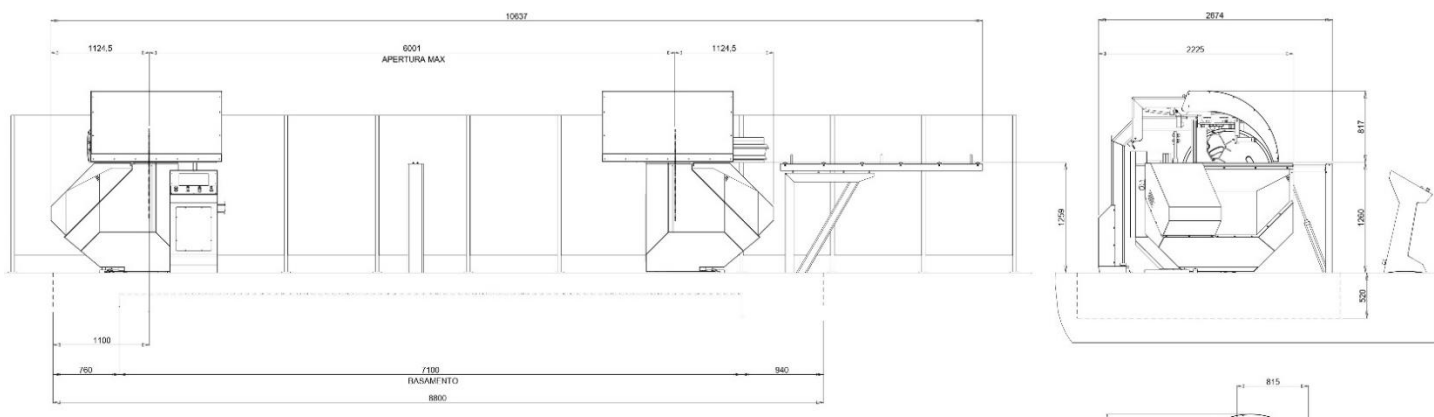


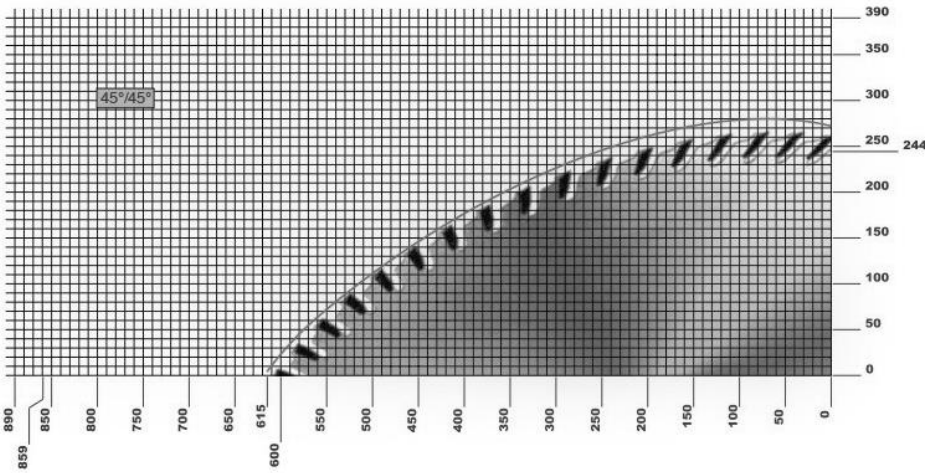
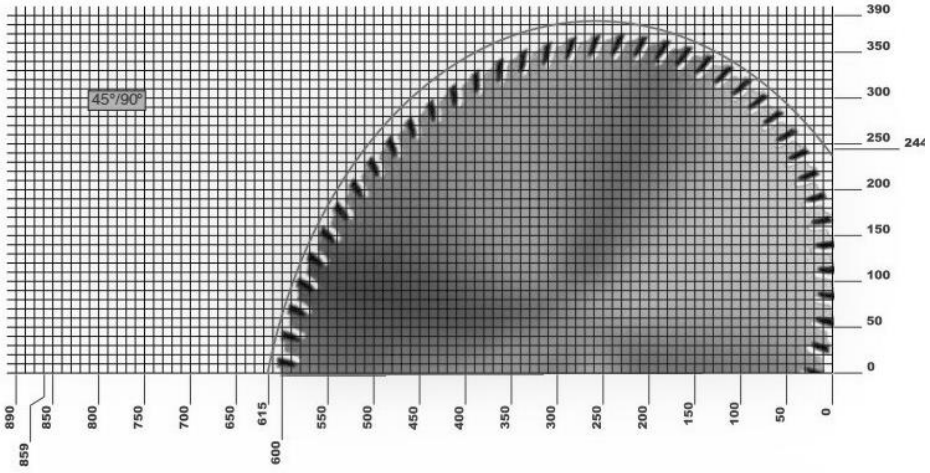
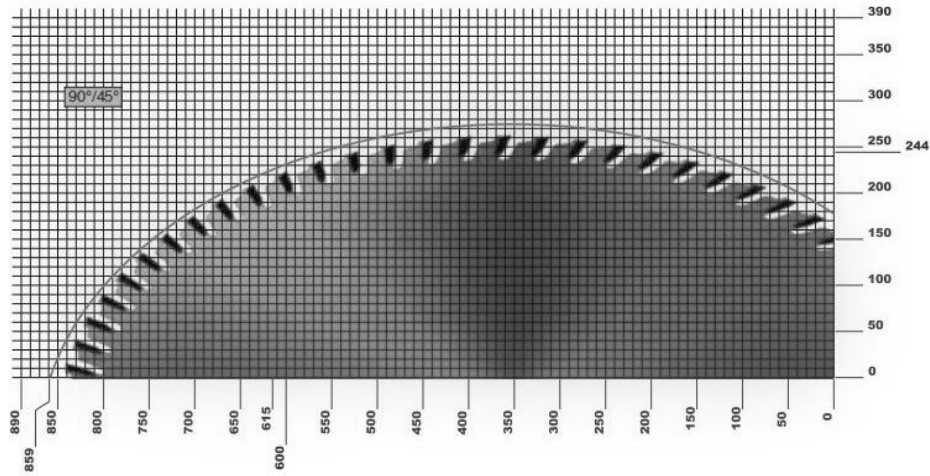
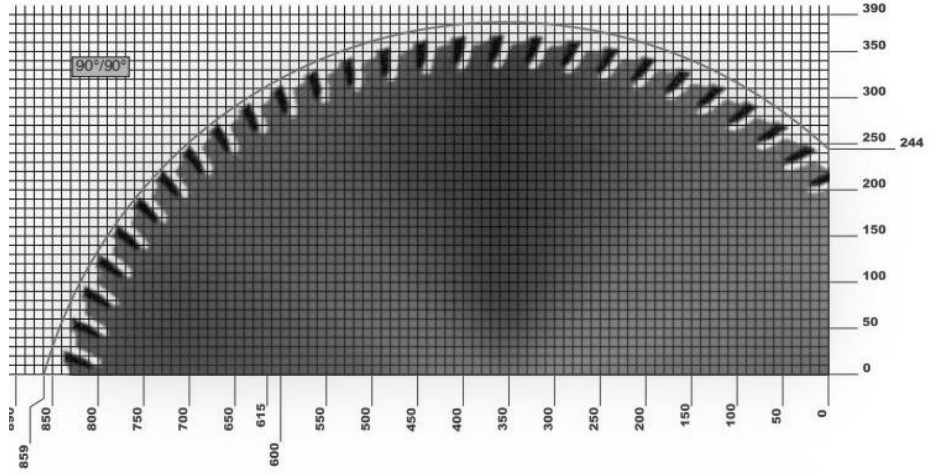
Optionals

- Motorized belt scraps conveyor
- Widia blade diameter 1050 mm (spare)
- Label printer
- USA-CANADA setup (UL-CSA standards)
- Autotransformer for special voltage



Machine layout







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