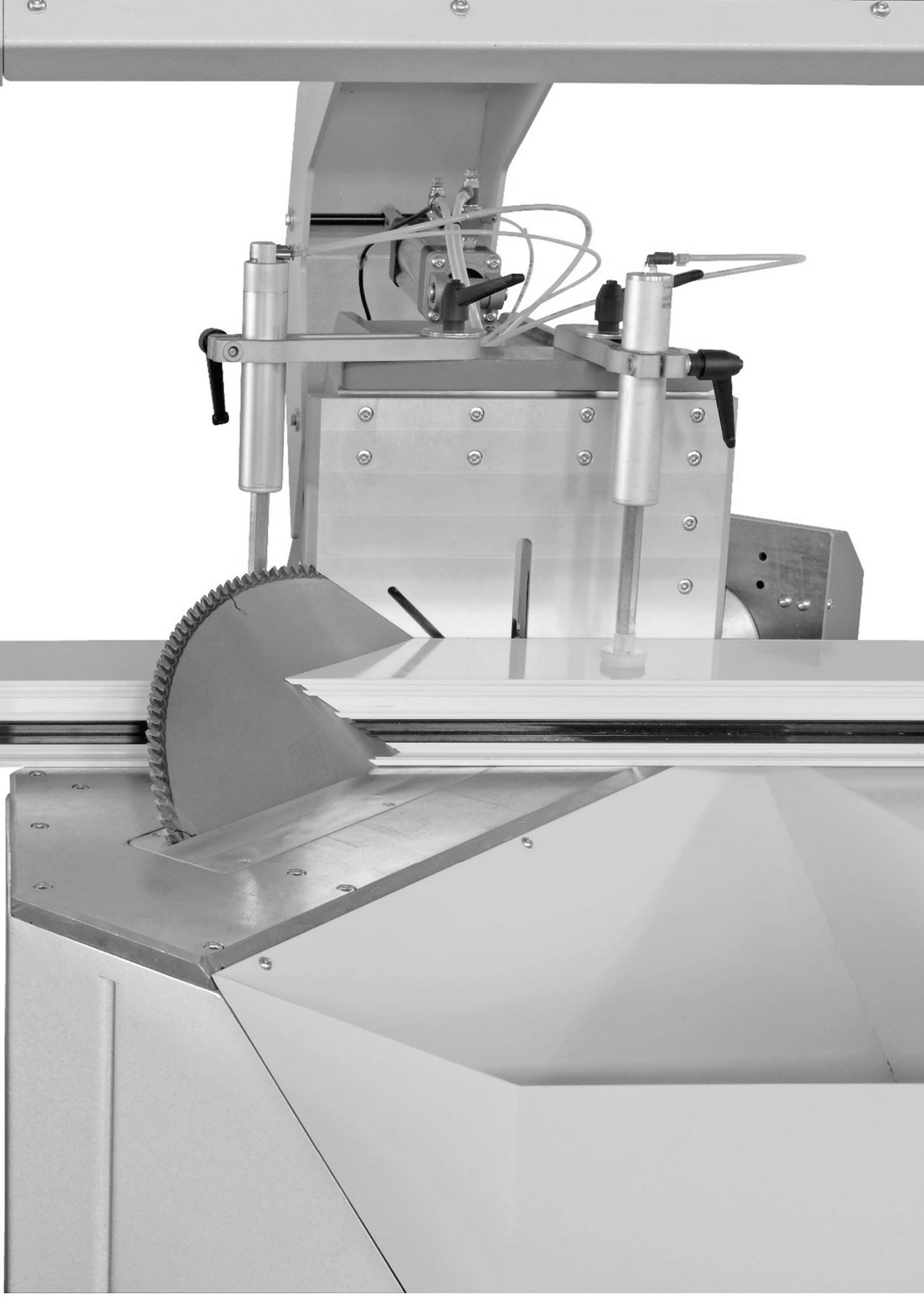




Selecta A

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

STANDARD CHARACTERISTICS

Structure

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

Cutting unit

- Electronic pivoting and tilting controlled by software
- Microdrop cutting lubrication with pure oil
- 2 blades Ø 600 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
- Complies with CE safety regulations as standard

Electrical cabinet

- IP 55 protection

Cutting capacity

90°
45°



200x200 mm
170x170 mm



400x150 / 450x90 mm
310x100 / 275x150 mm

General specifications



600 mm



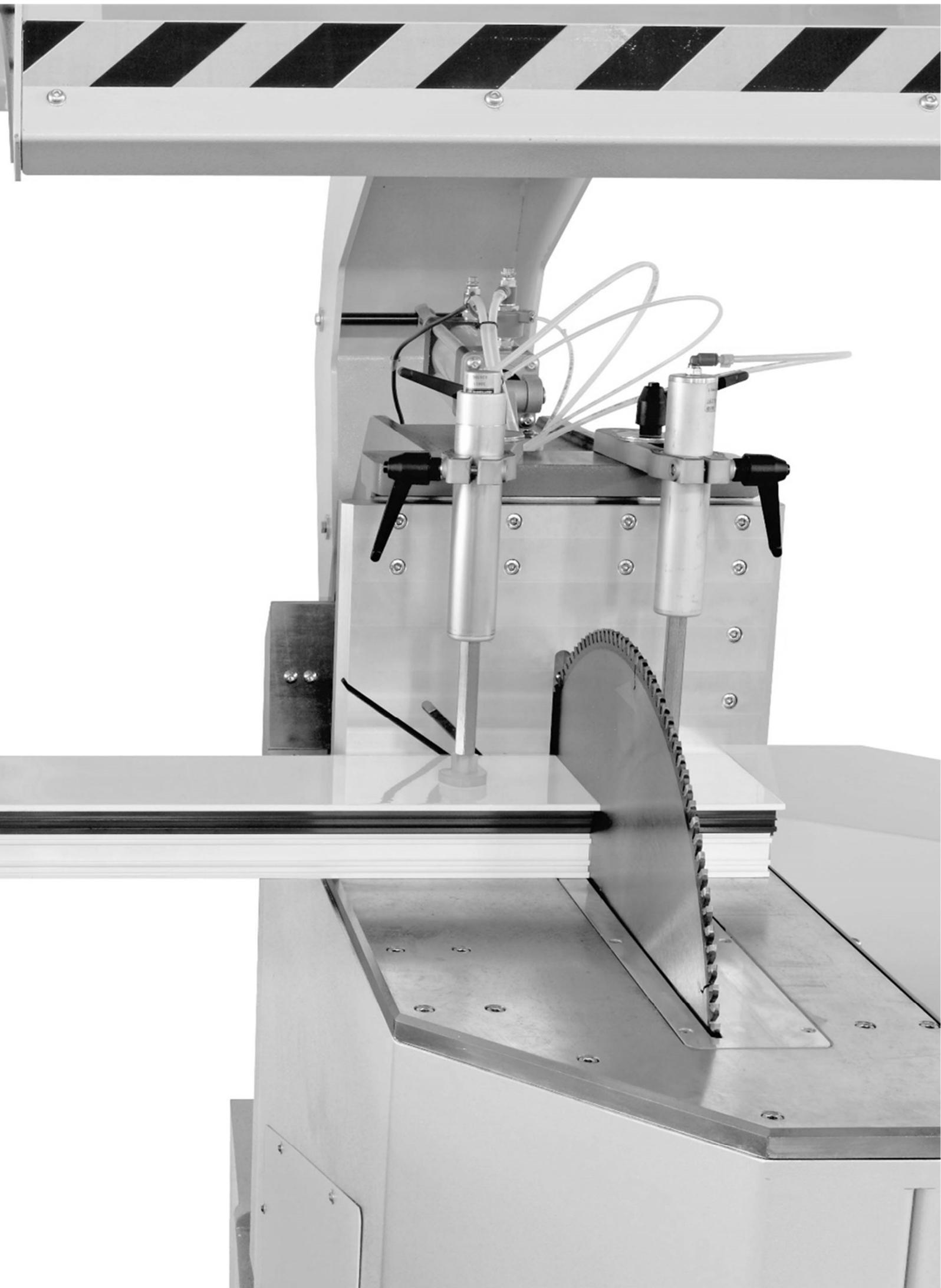
3 kW (x2)



3.400 kg



6.950x1.850x2.150 mm



TECHNICAL INFO

Positioning axes		Cutting unit	
X axis		Blade diameter	600 mm
Stroke	5.000/6.000 mm	Shaft diameter	30 mm
Speed	25 m/min	Blade revolutions	2.800 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	3 kW
Pivoting angle	40°- 57,5°		

Power supply		Cutting specifications	
Electric power	400 V / 50 Hz	Minimum cutting length between 2 blades	450 mm
Air compressed supply	7 Bar	Maximum cutting length between 2 blades	5.000/6.000 mm
Air consumption per cycle	108 NI	Under and over size cuts possible by software	



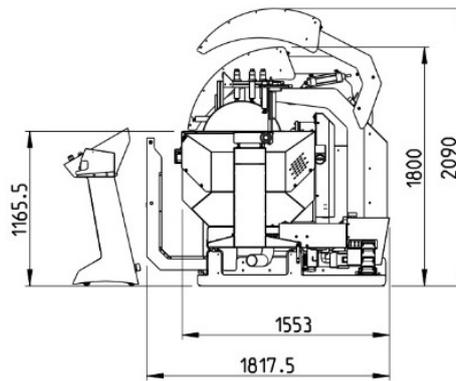
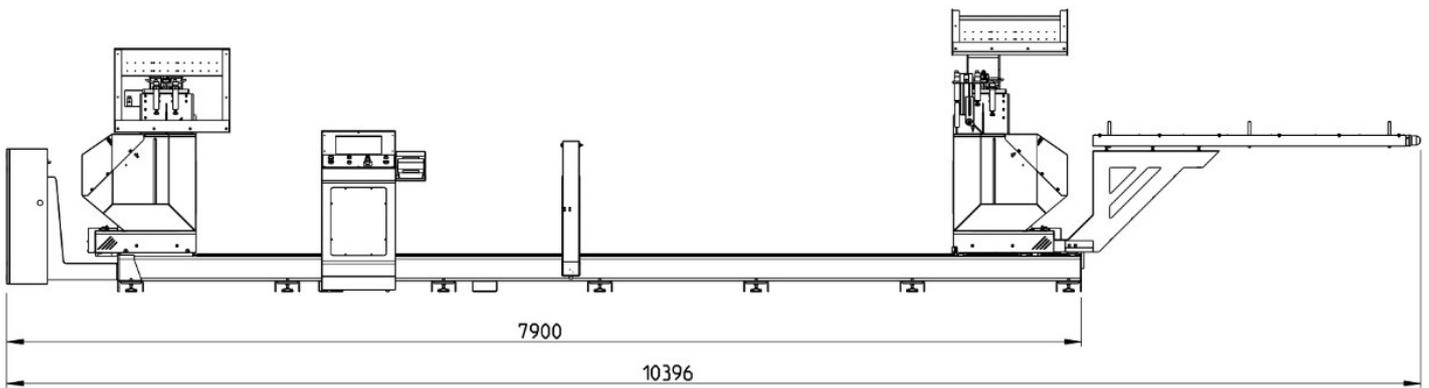
Optionals

- Extension length 1 m
- Blade Ø 600 mm
- Profile final support
- Couple of horizontal clamps
- Motorized belt conveyor for swarf
- Fixed head roller conveyor 2,5 m
- Label printer
- Safety protection with photocells
- Oil tank 25 l
- Autotransformer for special voltage (230V/480/600V)
- UL-CSA compliant components
- Ocean freight packaging

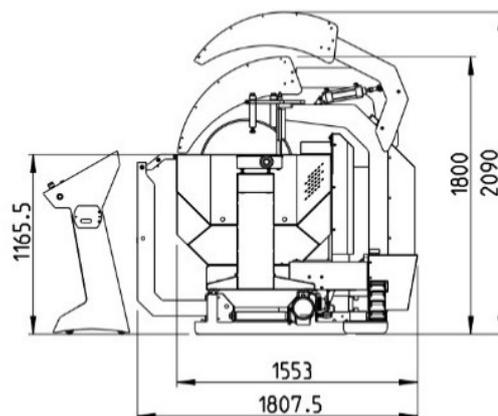
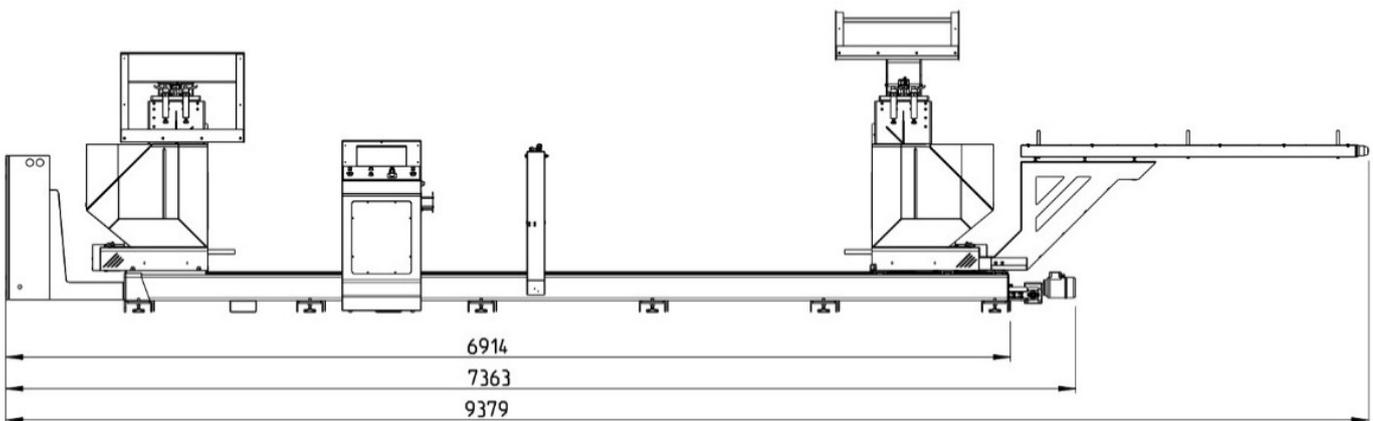


Machine layout

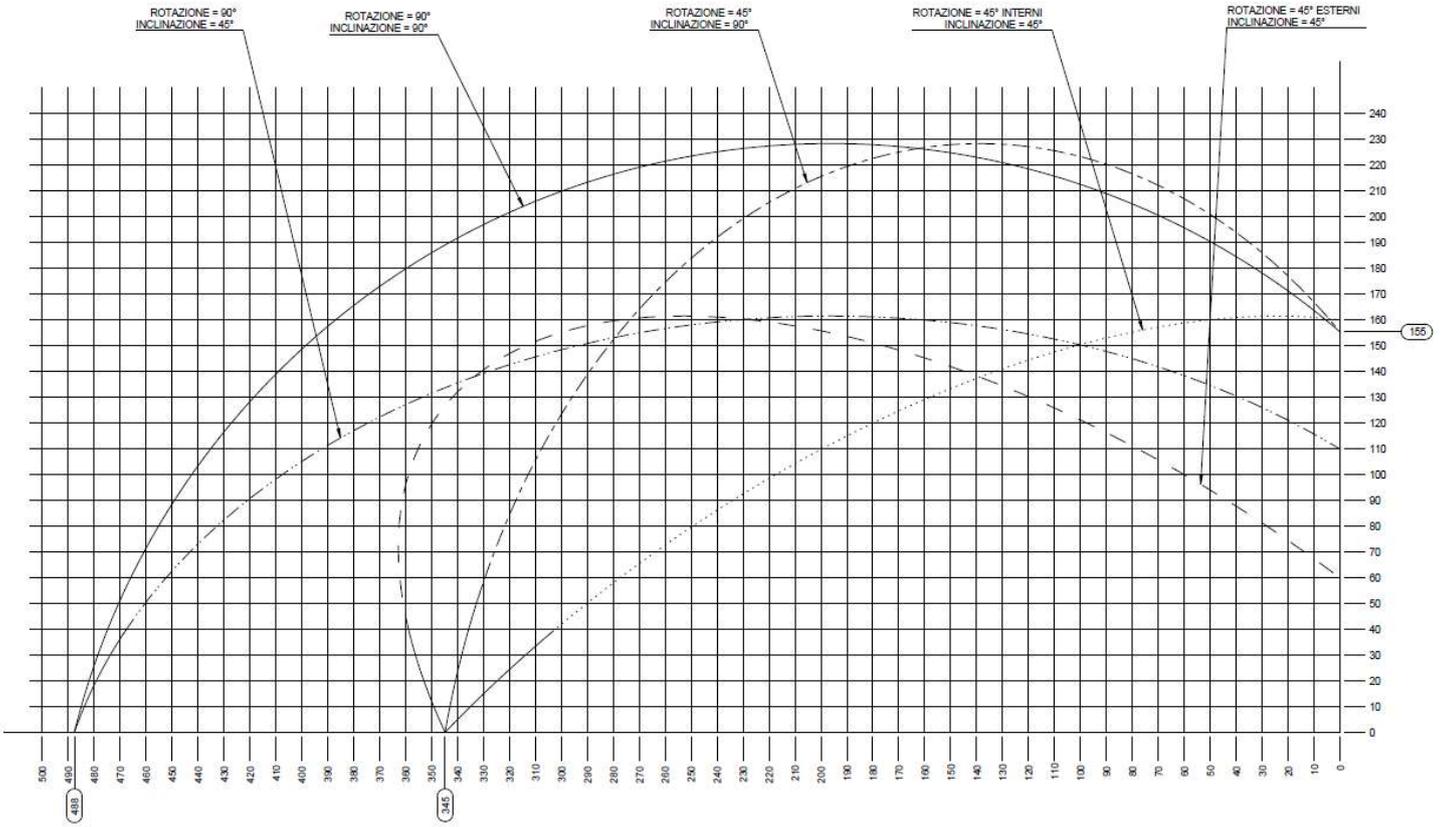
Selecta A 6 m



Selecta A 5 m



CUTTING DIAGRAM SELECTA - KAPPA 600





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