



Master A
Double head cutting machine



Gemma Group

CE

CE

Double head cutting machine with front blades; fixed left unit and mobile right unit with automatic movement

STANDARD CHARACTERISTICS

Structure

- Electrowelded steel basement
- Feeding roller conveyor combined with mobile head
- 4 horizontal pneumatic clamps

Cutting unit

- Electronic tilting between 20° and 135° 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 round guides

Control panel

- Latest generation electronic control unit at 3 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
175x175 mm



270x150 / 320x100 mm
200x140 / 230x100 mm

General specifications



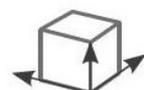
600 mm



3 kW (x2)



2.550 kg



6.400x1.700x2.150 mm

TECHNICAL INFO

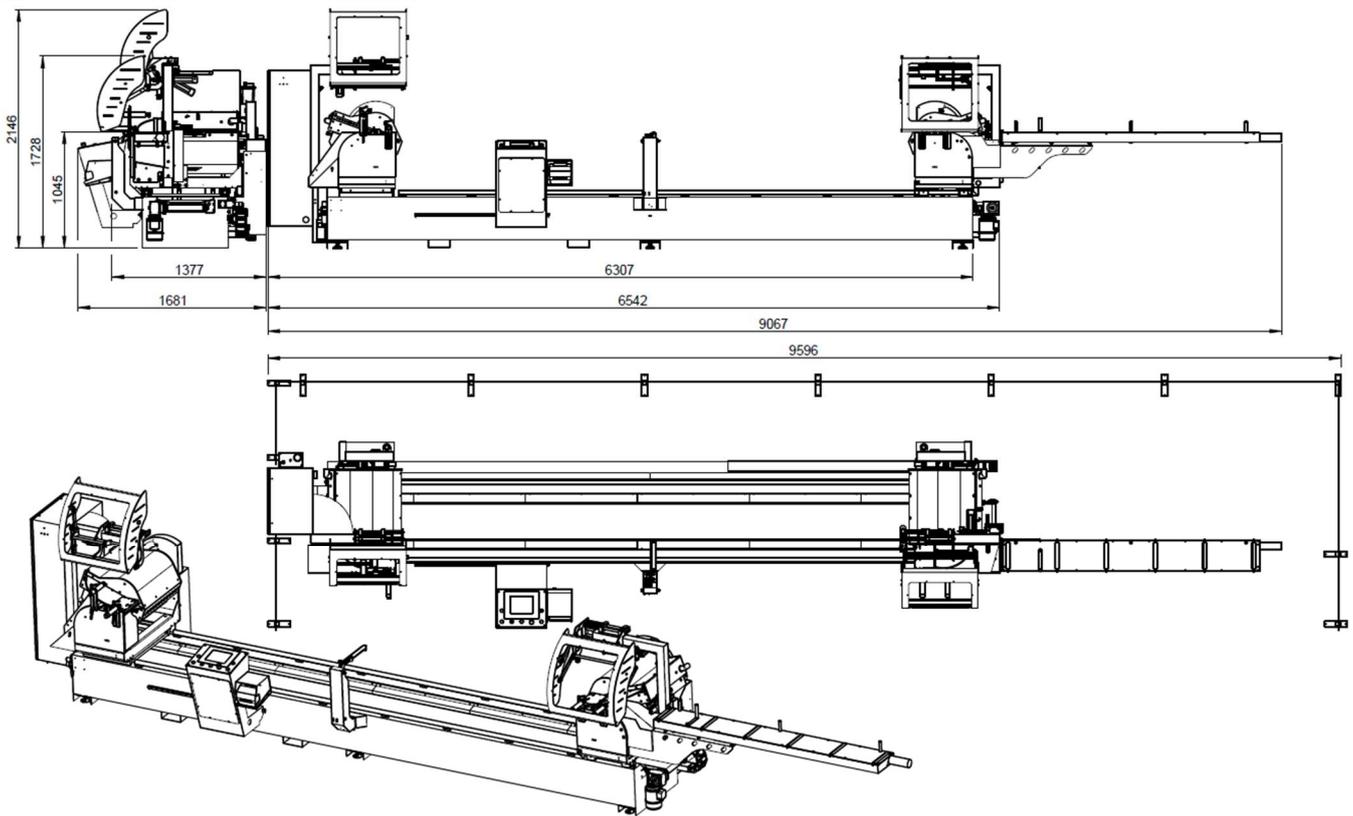
Positioning axes		Cutting unit	
X axis		Blade diameter	600 mm
Stroke	5.000 mm	Shaft diameter	30 mm
Speed	25 m/min	Blade revolutions	2.800 rpm
Y and Z axes		Max cutting speed	6 m/min
Tilting angles	20° - 135°	Blade output management	Oleopneumatic
		Motor power	3 kW
		Cutting angles	20°-135°

Power supply		Cutting specifications	
Electric power	400 V / 50 Hz	Minimum cutting length between 2 blades	Electric power
Air compressed supply	7 Bar	Maximum cutting length between 2 blades	Air compressed supply
Air consumption per cycle	28 NI	Under and over size cuts possible by software	Air consumption per cycle



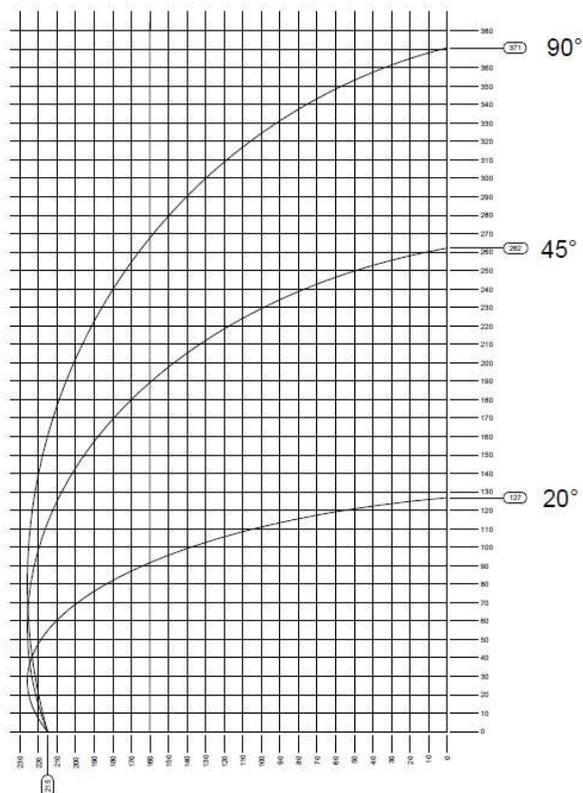
Optionals	
• Extension length 1 m	• Label printer
• Blade Ø 600 mm	• Safety protection with photocells
• Central intermediate support	• Oil tank 25 l
• Profile final support	• USA-CANADA setup (UL-CSA standards)
• Couple of vertical clamps	• Autotransformer for special voltage (230V/480/600V)
• Motorized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

Machine layout



Cutting diagram

CUTTING DIAGRAM MASTER 600





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