



# Master P

Double head cutting machine

# GEMMA

## MASTER

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 vertical pneumatic clamps

#### Cutting unit

- Pneumatic tilting for 20°/45°/90°/135° angles controlled by software
- Venturi lubrication system
- 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 1 axis 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



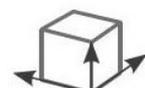
600 mm



3 kW (x2)



2.550 kg



6.400x1.700x2.150 mm

## TECHNICAL INFO

Positioning axis		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 e Z axes		Max cutting speed	6 m/min
Tilting angles	90° - 135°	Blade output management	Oleopneumatic
		Motor power	3 kW
		Cutting angles	20°-135°

Power supply		Cutting specifications	
Electric power (three-phase)	400 V / 50 Hz	Minimum cutting length between 2 blades	370 mm
Air compressed supply	7 Bar	Maximum cutting length between 2 blades	5.000 mm
Air consumption per cycle	57 NI		

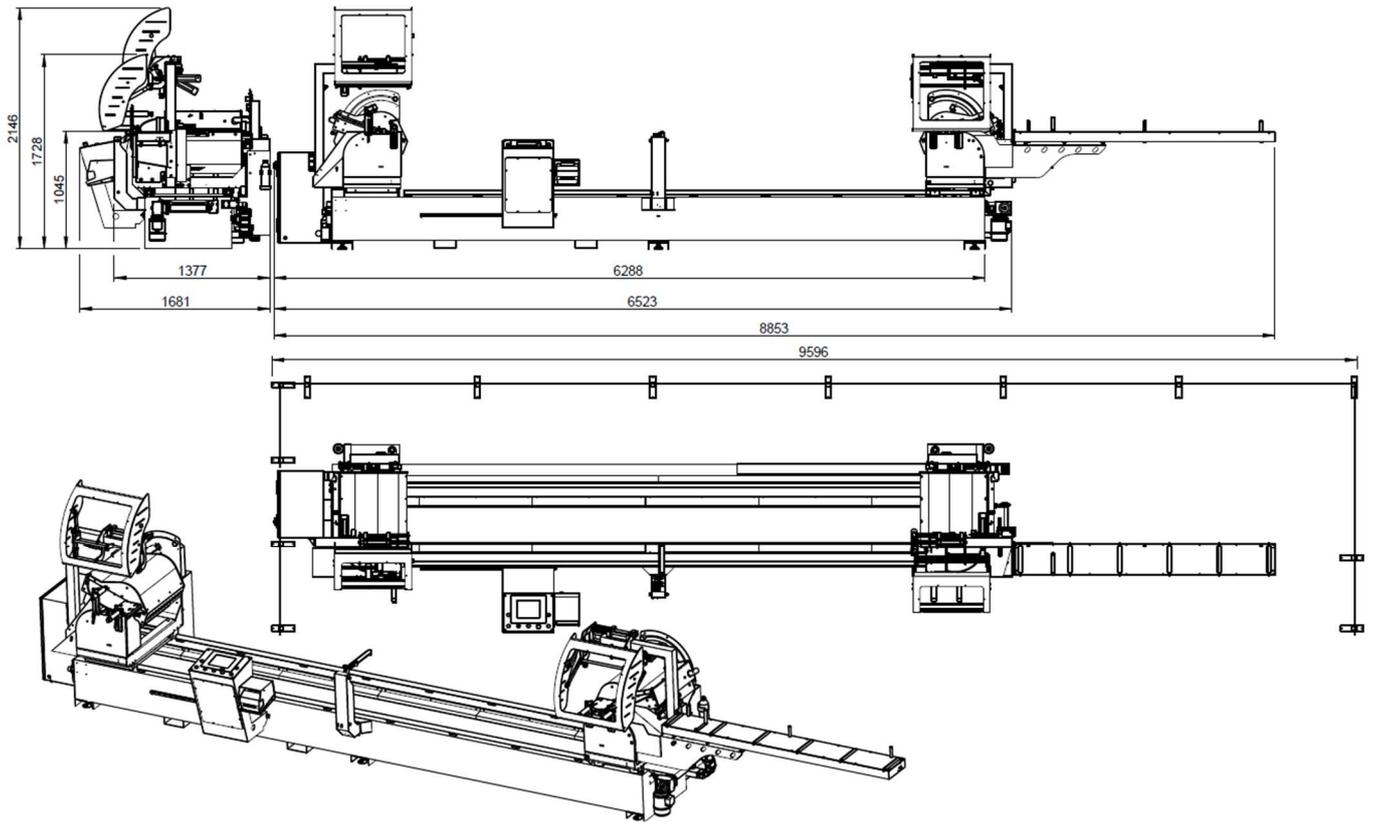


### Optionals

- Extension length 1 m
- Blade Ø 600 mm
- Central intermediate support
- Profile final support
- Couple of vertical clamps
- Motorized belt conveyor for swarf
- Automatic device measuring profile height
- 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

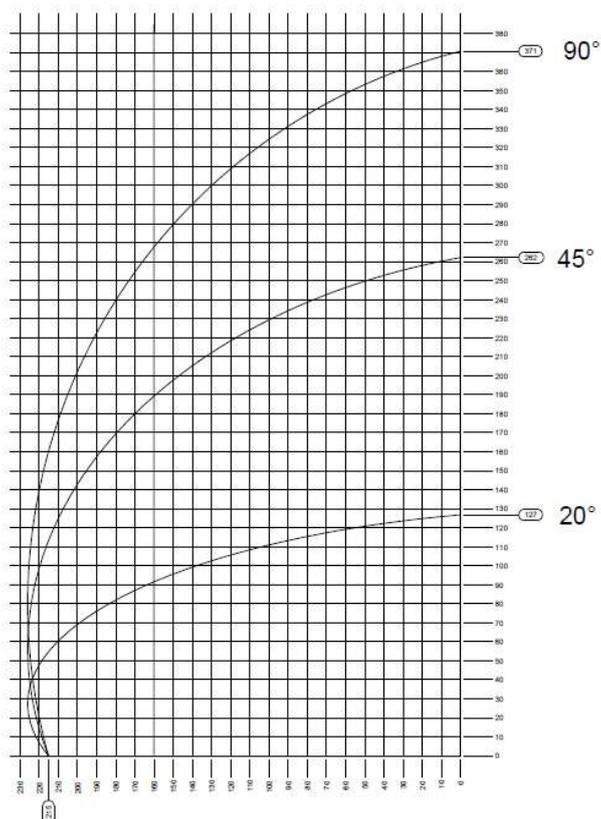


## Machine layout



## Cutting diagram

CUTTING DIAGRAM MASTER 600





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