

**Joseph**  
*machine*

# MASTER A

Double-head cutting-off machine



Double-head cutting-off machine with front blades; fixed left unit and movable right unit with automatic movement.

## STANDARD CHARACTERISTICS

### Structure

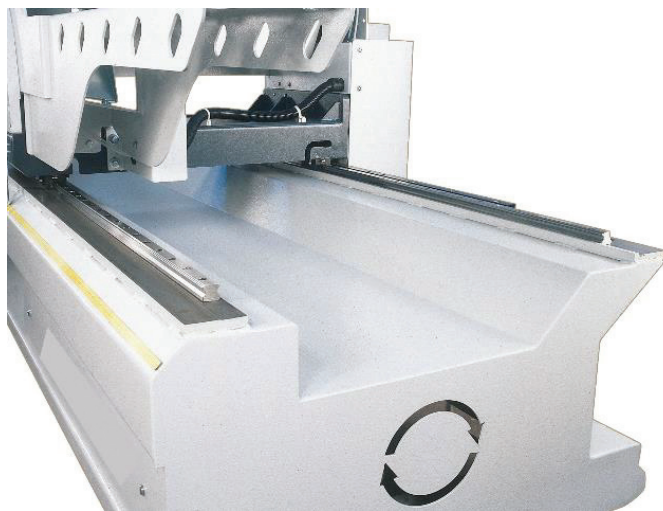
- Electro-welded steel basement
- Feeding roller conveyor combined with moving head
- Central retractable pneumatic support
- 4 horizontal pneumatic clamps

### Cutting unit

- Electronic tilting between 20° and 135° controlled by software
- Micro-drop cutting lubrication with pure oil
- 2 wide blades Ø 600 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
- Complies with CE safety regulations as standard

### Electric cabinet

- IP 55 protection

### Cutting Capacity

90°                      200x200 mm   
 45°                      175x175 mm

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

### General specifications



600 mm



3 kW (x2)



2.550 kg



6.400x1.700x2.150 mm

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## TECHNICAL INFO

### Positioning axis

X axis	
Stroke	5.000 / 6.000 mm
Speed	25 m/min
Y e Z axes	
Tilting angles	20° - 135°

### Cutting unit

Blade diameter	600 mm
Shaft diameter	30 mm
Blade revolutions	2.800 rpm
Max. cutting speed	6 m/min
Blade output management	oleopneumatic
Motor power	3 kW
Cutting angles	20°-135°

### Power supply

Electric power	400 V / 50 Hz
Air compressed supply	7 Bar
Air consumption per cycle	28 NI

### Cutting specifications

Minimum cutting length	
between 2 blades	370 mm
Maximum cutting length	
between 2 blades	5.000/6.000 mm



### Optionals

- 1 m length extension (6 m total)
- Blade Ø 600 mm (each)
- Vertical clamps (2 pcs.) for external degrees
- Motorized belt scraps conveyor
- 2,5 m fixed head roller conveyor with vertical stops
- Label printer
- Protection with photocells
- USA-CANADA setup (UL-CSA standards)
- Autotransformer for special voltage
- Ocean freight packaging

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595 Range End Rd  
Dillsburg, PA 17019

Phone (717) 432-3442  
Fax (717) 432-0680  
[www.josephmachine.com](http://www.josephmachine.com)