



# SELECTA A

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 controlled by numerical control.

## STANDARD CHARACTERISTICS

### Structure

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

### Cutting unit

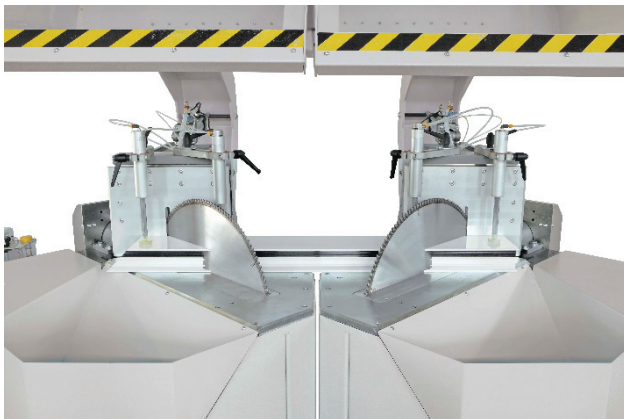
- Electronic pivoting and tilting controlled by CN
- Micro-drop cutting lubrication with pure oil
- 2 wide blades Ø 600 mm

### 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

### General specifications



600 mm



3 kW (x2)



3.400 kg



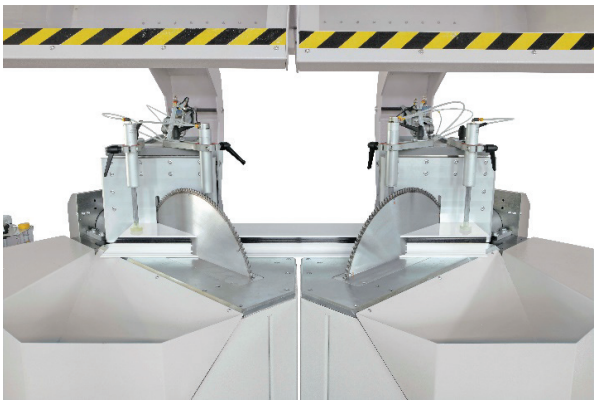
6.950x1.850x2.150 mm

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

## TECHNICAL DATA

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 axis		Max. cutting speed	6 m/min
Tilting angle	90° - 135°	Blade output management	electronic
A and B axis		Motor power	3 kW
Pivoting angle	40° - 157,5°		

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		



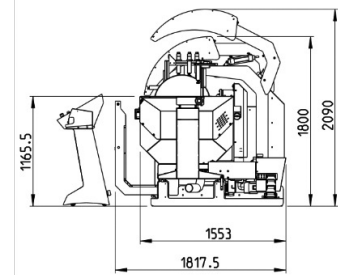
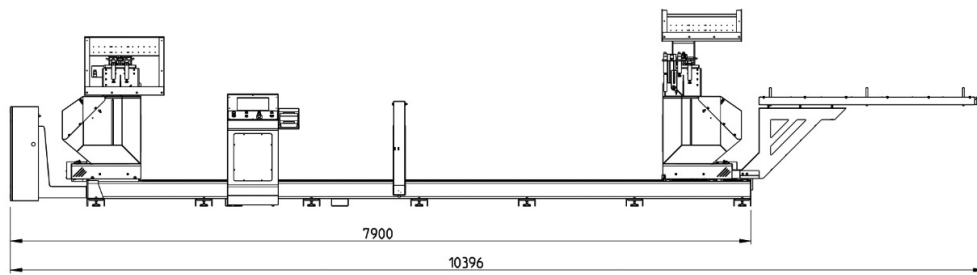
## Optionals

- 1 m length extension (6 m total)
- Blade Ø 600 mm (each)
- Horizontal clamps (2 pcs.)
- 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

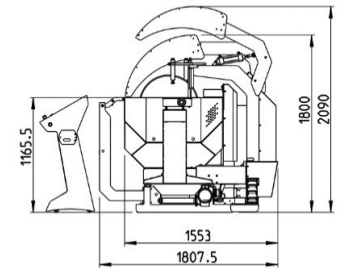
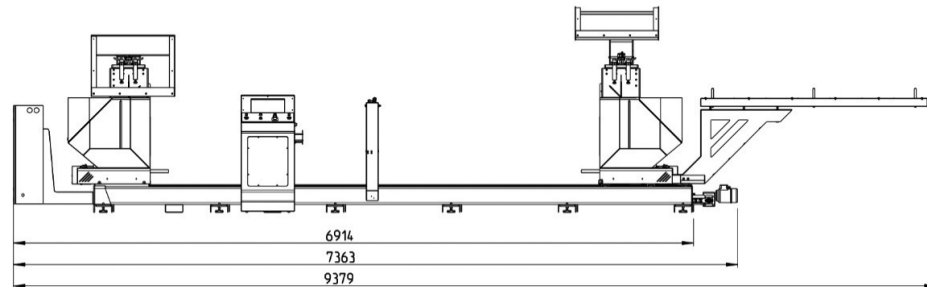


## Machine layout

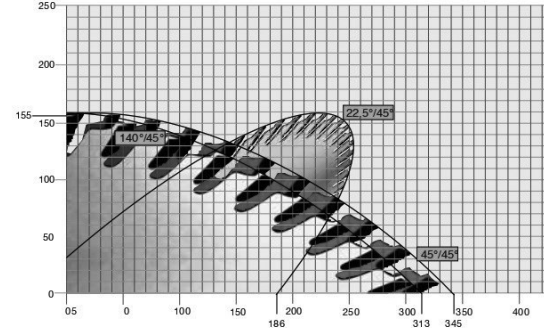
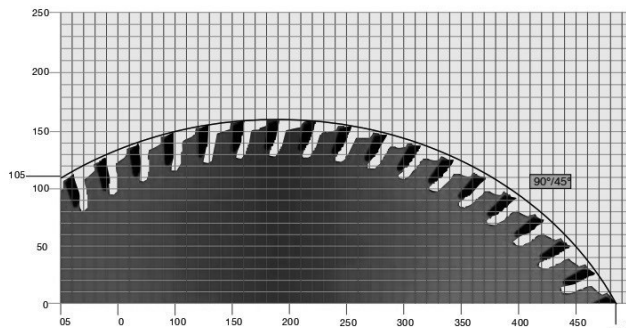
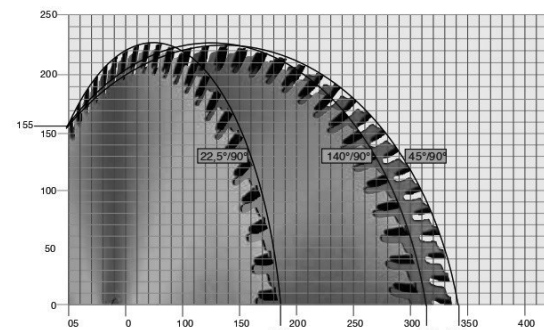
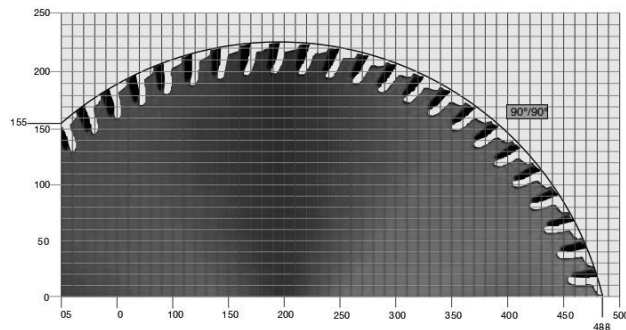
### Selecta A 6m



### Selecta A 5m



## Cutting diagrams



595 Range End Rd  
Dillsburg, PA 17019

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

**Joseph**  
**machine**