

**Joseph**  
*machine*

# AUTOCUT

Single-head cutting-off machine



Single-head cutting-off machine with upstroke blade and automatic feeding for 90° cuts only

## STANDARD CHARACTERISTICS

### Structure

- Electro-welded steel basement
- 4 horizontal clamps, 3 vertical clamps
- Central support for small section profiles
- Profile locking with heavy-duty/rigid "bridge" system

### Cutting unit

- Venturi lubrication system
- Widia blade
- Blade output adjustment to optimize cutting time

### Working axis

- Bar advancement system with brushless motor running on ground rack driven by numerical control with touch screen commands
- Laser detector end bar length

### Control panel

- Electronic control unit on PC-Windows (7" color touch-screen) to program cutting lists
- Ethernet, wifi and remote assistance
- RJ 45 - USB network ports

### Safety

- integral cutting area protections with automatic opening and closing
- Complies with CE safety regulations as standard

### Electrical cabinet

- IP 55 protection
- Pre-arrangement for the activation (on-off) of external vacuum/suction system

### Cutting Capacity

90°

160x160 mm



300x120 mm



### General specifications



550 mm



5.5 kW



680 kg



1.600x800x1.650 mm



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## TECHINICAL INFO

### Power supply

Electric power	400 V / 50 Hz
Motor power	5.5 kW
Air compressed supply	7 Bar
Air consumption per cycle	25 NI

### Cutting unit

Blade diameter	550 mm
Shaft diameter	30 mm
Blade revolutions	2.800 rpm
Max. cutting speed	6 m/min
Positioning speed	30m/min
Blade output management	oleopneumatic

### Cutting specifications

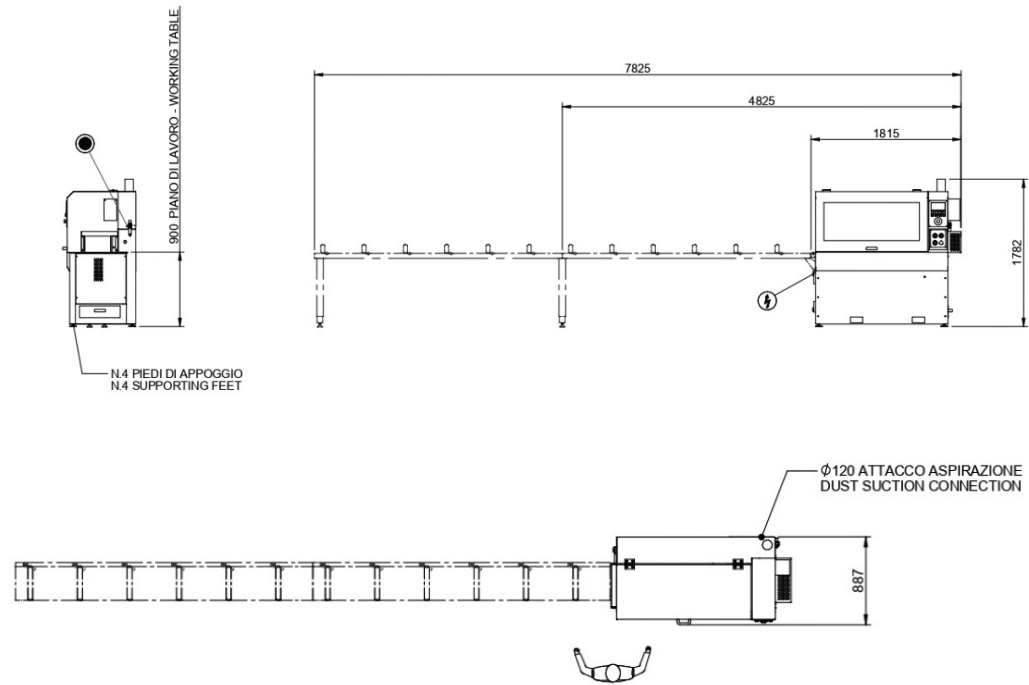
Cutting zone-bar end sensor distance	295 mm	Min. cutting length	5 mm
Cutting angle	90°	Max. cutting length	660 mm
Positioning accuracy	± 0,25 mm		

### Optionals

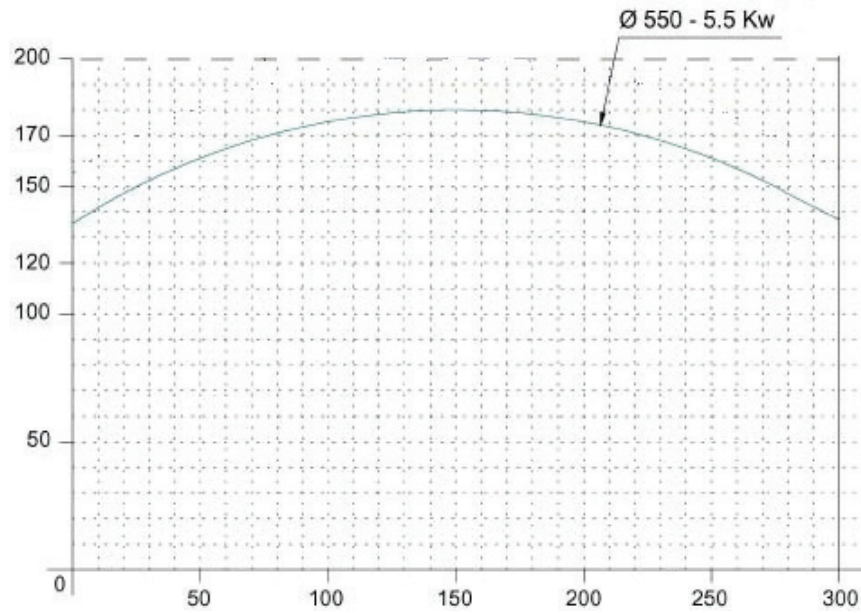
- Micro-drop lubrication
- 3 m loading roller conveyor
- 6 m loading roller conveyor
- Widia blade 550 mm (spare)
- Single spindle drilling unit with pneumatic stroke
- USA-CANADA setup (UL-CSA standards)
- Autotransformer for special voltage
- Ocean freight packaging



## Machine layout



## Cutting diagram



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