

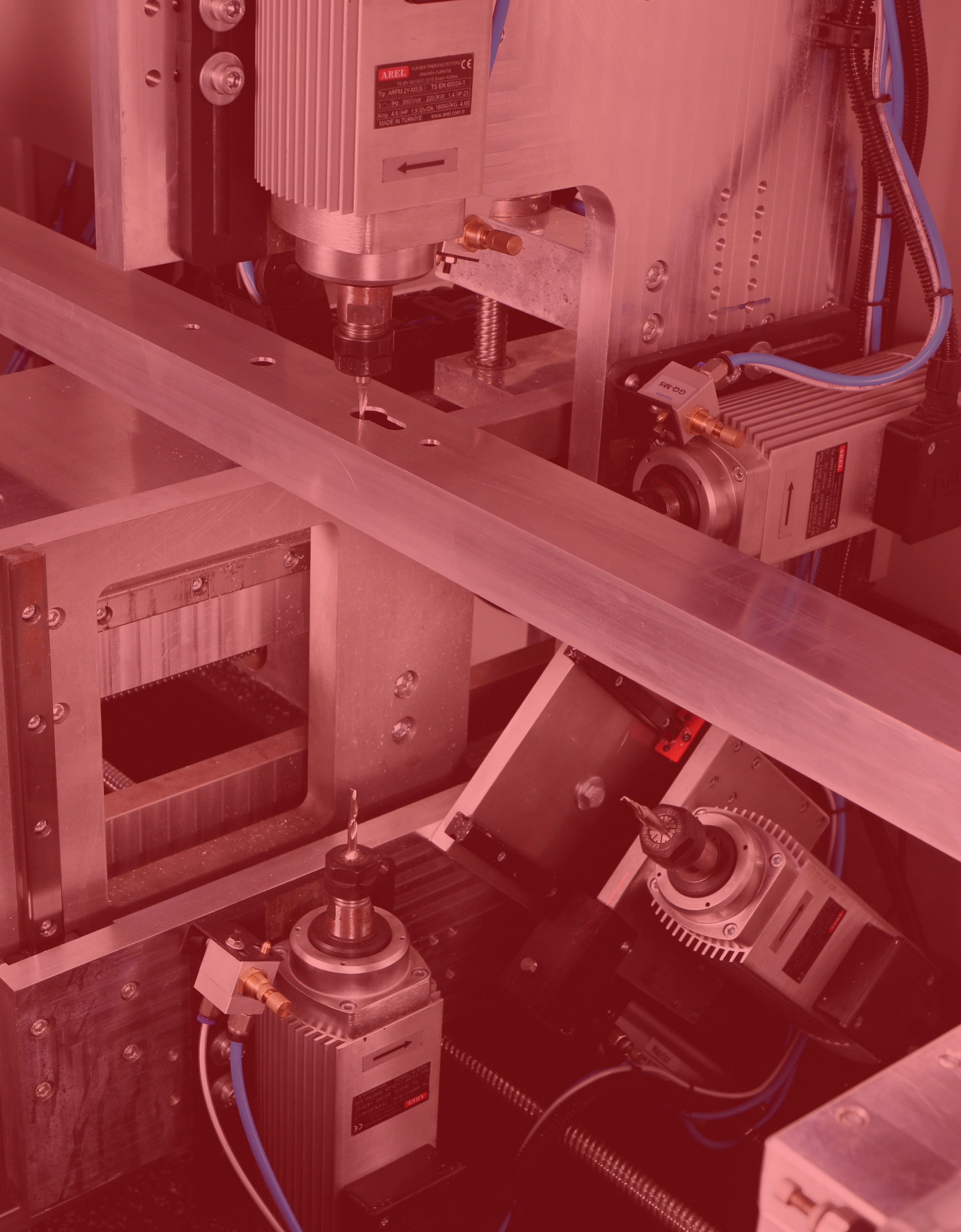


# MACHINES

ALUMINUM & uPVC

 **OSISTECH**  
MACHINE





# We

We think about  
**THE FUTURE**





# HIGH TECHNOLOGY SUPERIOR ENGINEERING

This slogan reflects OSISTECH MACHINE's commitment to merging cutting-edge technology with top engineering.

## about us

Engineering Solutions in PVC and Aluminum Processing Machinery

OSISTECH MACHINE is a manufacturing company specialized in the PVC and aluminum processing sector, providing innovative solutions with a focus on engineering and technology. Operating in a modern 3,500 square meter facility in Bursa, Turkey, OSISTECH MACHINE aims to become a globally recognized brand with its experienced team of 25 dedicated professionals, adhering to high-quality standards.

With exports to over 40 countries, OSISTECH MACHINE has established a reliable and respected position in the global market through its customer-oriented approach and superior engineering solutions. Our company, particularly specializing in aluminum profile processing, closely monitors industry developments to offer the latest and most efficient solutions to our clients.





## Perfect solutions for every need

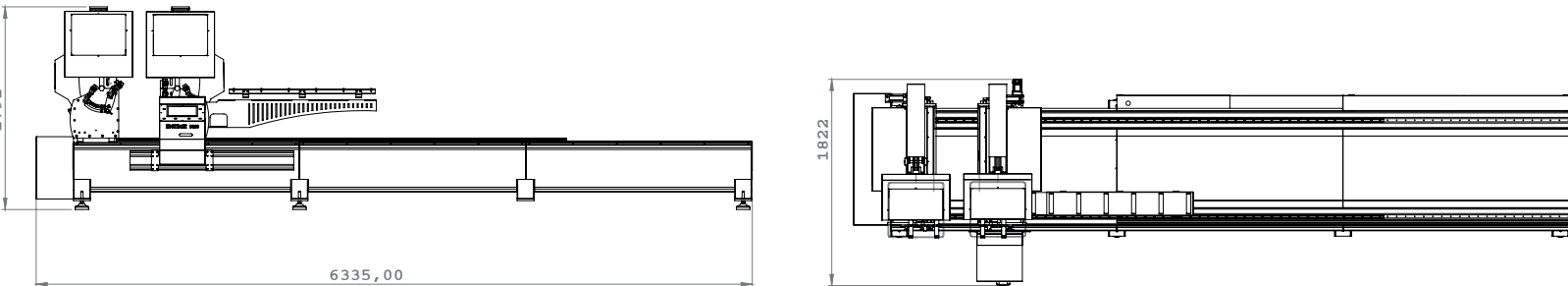
Experience the OSISTECH difference



# OST 460

## ALUMINUM & uPVC

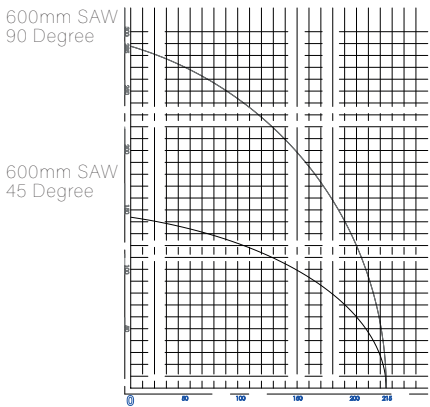
### DOUBLE HEAD CUTTING MACHINE ( 600MM SAW)




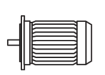

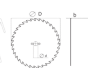


INFORMATION

- Hydro-pneumatic Hydrochek controlled saw movement
- Cutting accuracy +/- 0.1 mm
  - Automatically adjustable to two angles 90° and 45° inward
  - Automatic slicing at 90° angle
  - 10" touch color panel display
  - Providing remote connection and technical support
  - 2x 600mm saw blade
  - Servo motor motion system
  - Saw exit distance is 215 mm and 70mmx3 profile cutting
  - Hydrochek saw speed adjustment
  - 9.5 Meters cutting feature
  - Multi-language support
  - Unlimited measurement memory capacity
  - Spray saw cooling system
  - 2 x vertical vices
  - 4 x horizontal vices

- OPTION
- Barcode printer
  - Data transfer via USB memory stick



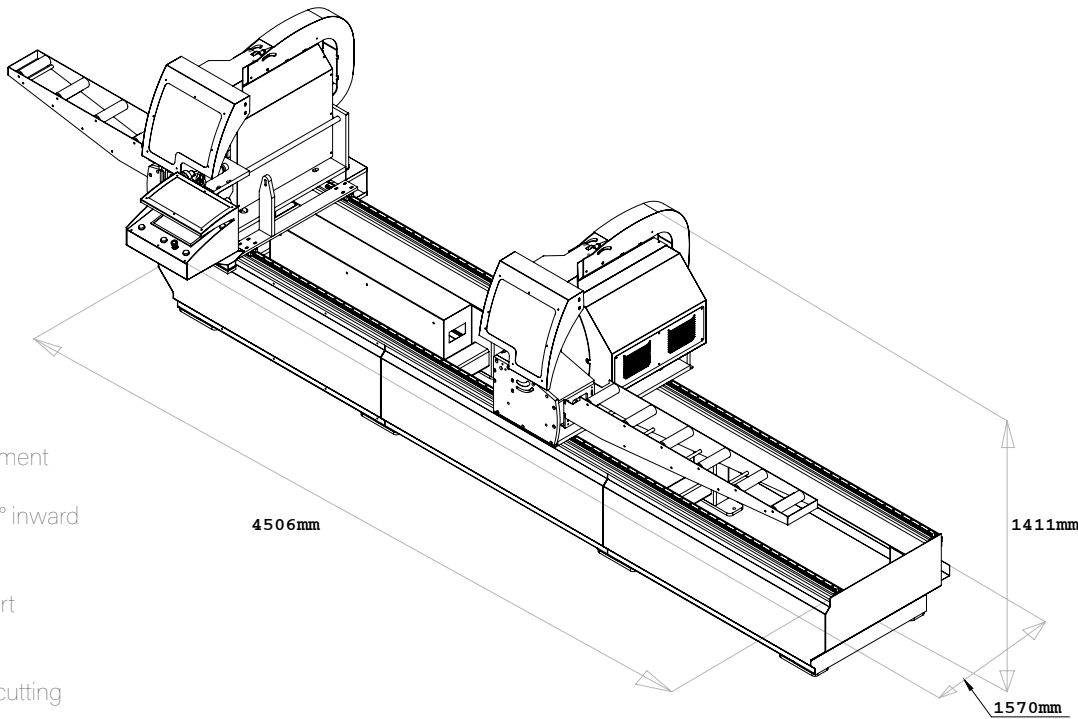
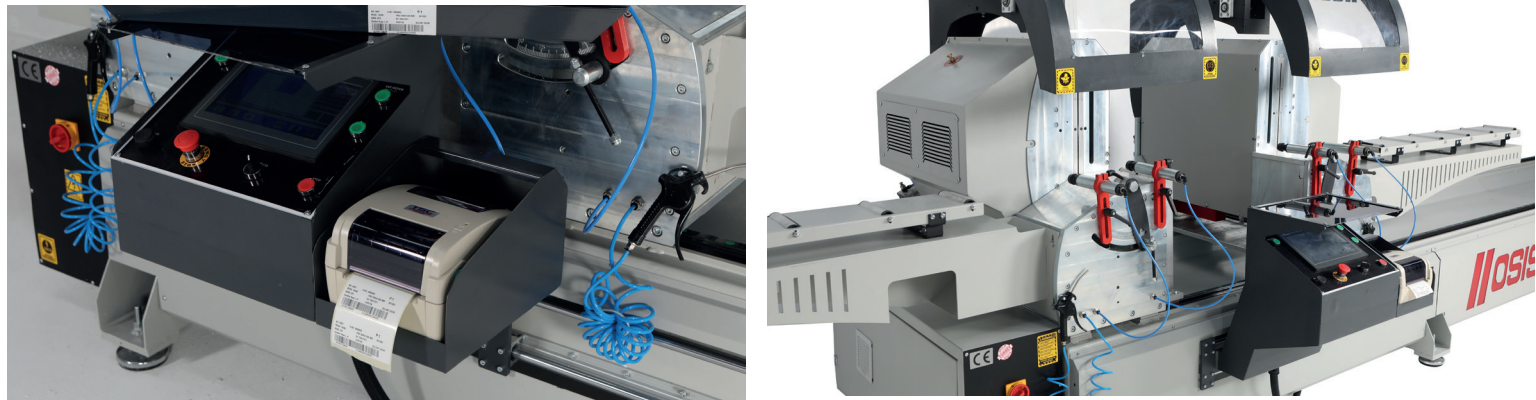
					
V : 400 kW : 7.3 A : 14	6-8 bar 30/lit/syc	1470 kg.	2x2.2 kW 2810 rpm	L max = 9500 mm L min = 520 mm	ØD 600 mm Ød 30 mm b 4,2 x 3,4 mm z 120



OST 455

ALUMINUM & uPVC

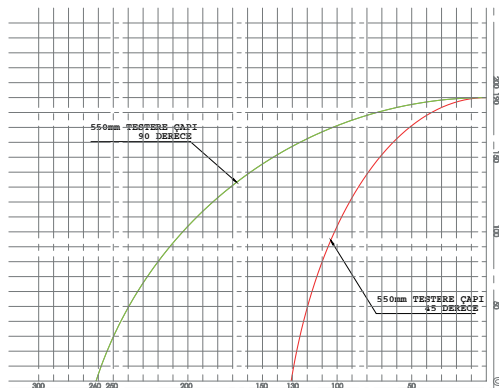
DOUBLE HEAD CUTTING MACHINE (Ø550MM SAW)



INFORMATION

- Hydro-pneumatic Hydrochek controlled saw movement
- Cutting accuracy +/- 0.1 mm
- Automatically adjustable to two angles 90° and 45° inward
- Automatic slicing at 90° angle
- 10" touch color panel display
- Providing remote connection and technical support
- 2x 550mm saw blade
- Servo motor motion system
- Saw exit distance is 180 mm and 80mmx2 profile cutting
- Hydrochek saw speed adjustment
- 8 Meters cutting feature
- Multi-language support
- Unlimited measurement memory capacity
- Spray saw cooling system
- 2 x vertical vices
- 4 x horizontal vices

- OPTION
- Barcode printer
  - Data transfer via USB memory stick



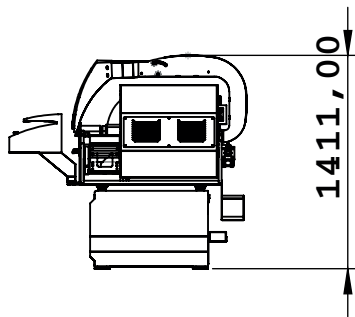
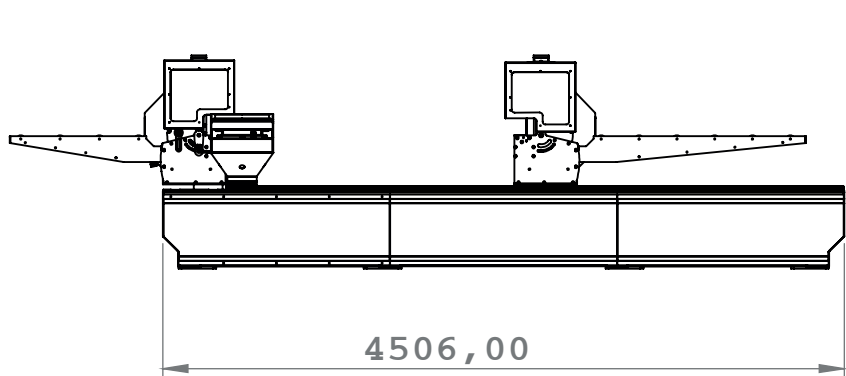
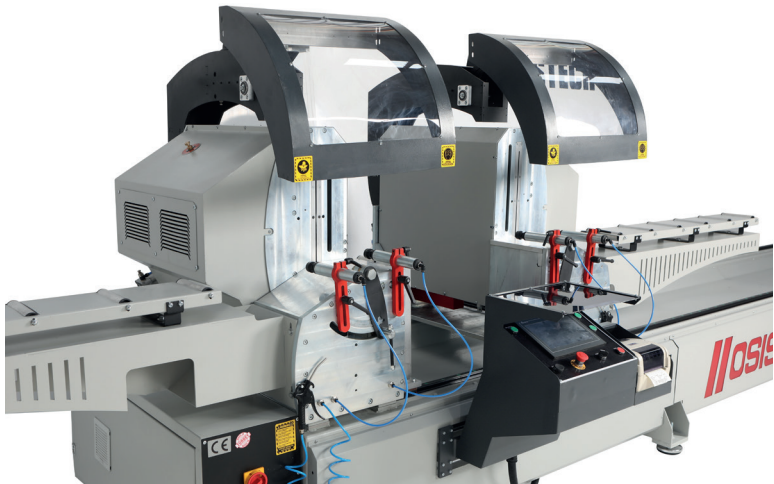
V : 400 kW : 7.3 A : 14	6-8 bar 30/lit/syc	1470 kg.	2x2.2 kW 2810 rpm	L max = 8000 mm L min = 480 mm	ØD 550 mm Ød 30 mm b 4,2 x 3,4 mm z 120



# OST 450

## ALUMINUM & uPVC

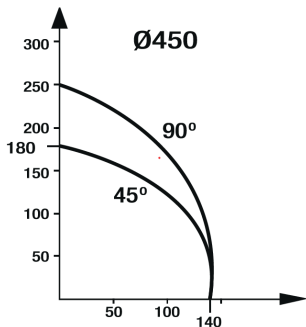
### DOUBLE HEAD CUTTING MACHINE (Ø450MM SAW)



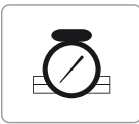
INFORMATION

- Hydro-pneumatic Hydrochek controlled saw movement
- Cutting accuracy +/- 0.1 mm
  - Automatically adjustable to two angles 90° and 45° inward
  - Automatic slicing at 90° angle
  - 10" touch color panel display
  - Providing remote connection and technical support
  - 2x 450mm saw blade
  - Servo motor motion system
  - Saw exit distance is 140 mm and 70mmx2 profile cutting
  - Hydrochek saw speed adjustment
  - 6 Meters cutting feature
  - Multi-language support
  - Unlimited measurement memory capacity
  - Spray saw cooling system
  - 2 x vertical vices
  - 4 x horizontal vices

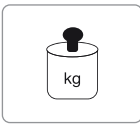
- OPTION
- Barcode printer
  - Data transfer via USB memory stick



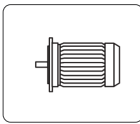
V : 400  
kW : 7.3  
A : 14



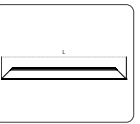
6-8 bar  
30/lit/syc



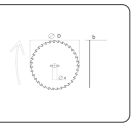
1200 kg.



2x2.2 kW  
2810 rpm



L max = 6000 mm  
L min = 480 mm

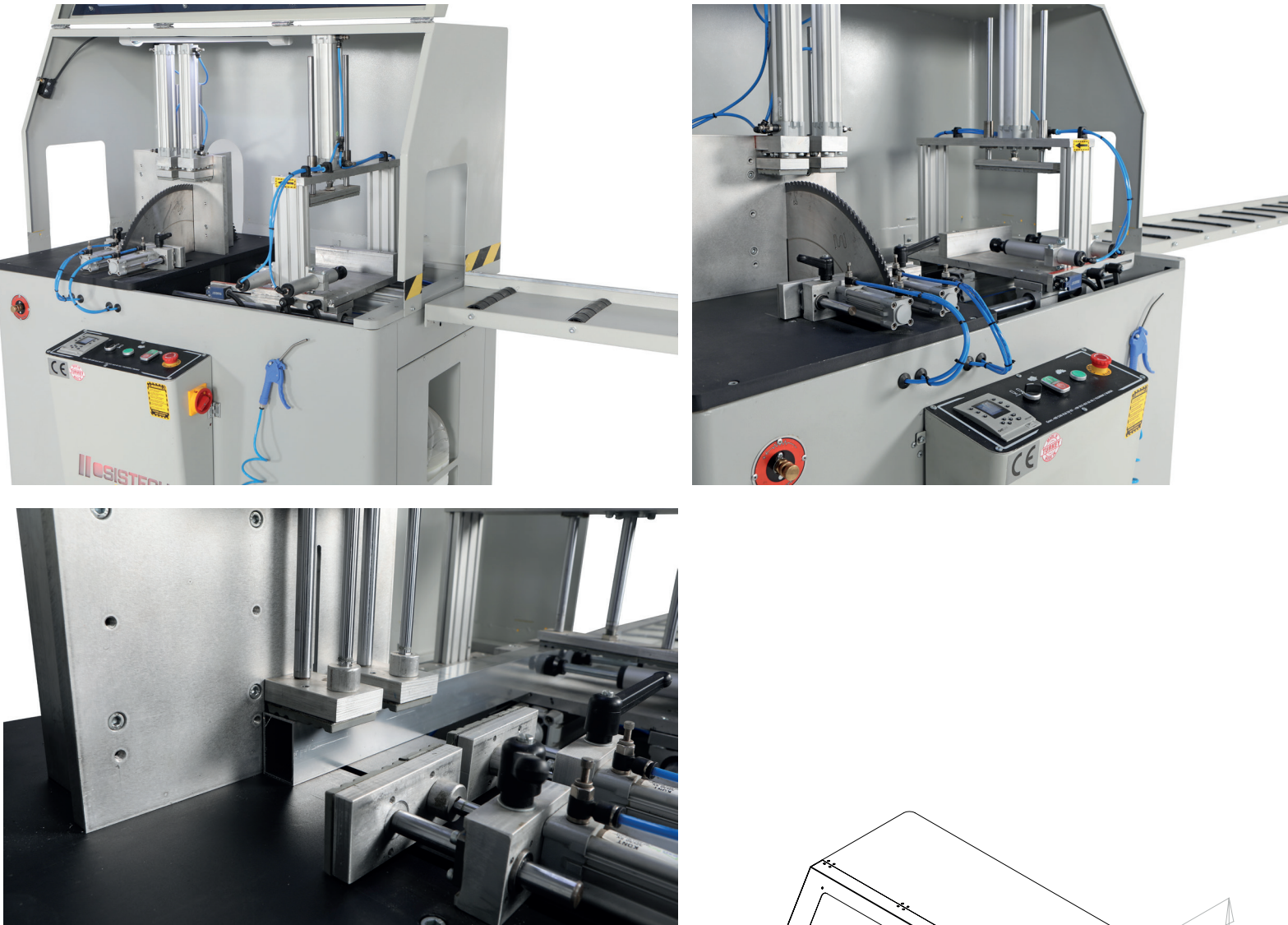


ØD 450 mm  
Ød 30 mm  
b 4,2 x 3,4 mm  
z 120

# OST 46T

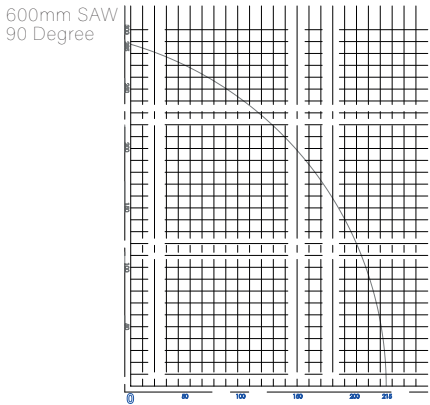
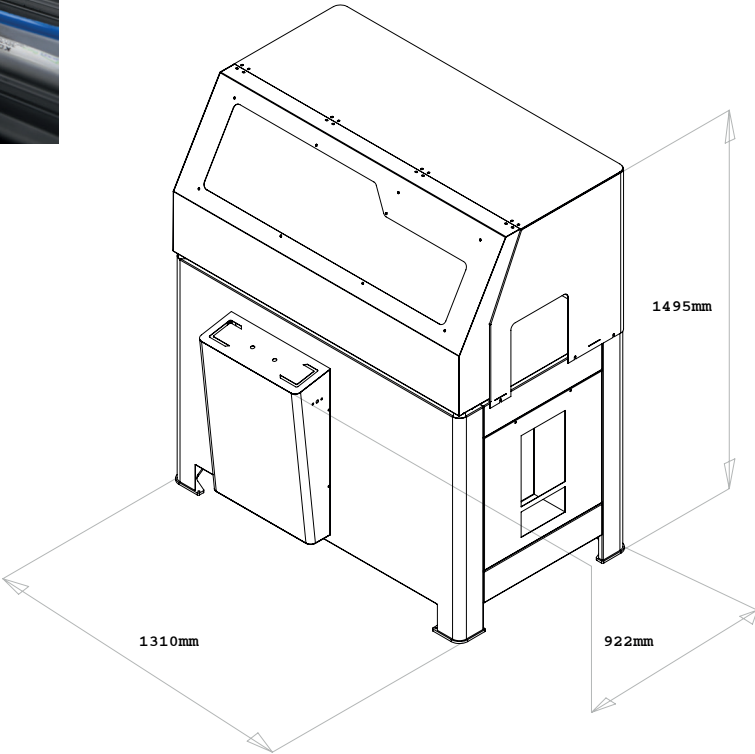
## ALUMINUM & uPVC


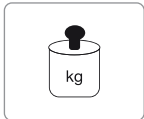
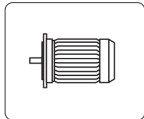
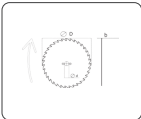
### WEDGE CUTTING MACHINE (Ø600MM SAW)



INFORMATION

- Automatic Repetitive cutting machine with extreme accuracy and speed with servo motor motion system for profiles and other mass production profile cutting operations.
- 90° cutting angle
- PLC control system
- Automatic profile slicing feature
- 3 x horizontal and 3 x vertical clamping (pneumatic)
- 3,0 m support right side conveyor with rollers
- Ø600 mm saw
- Possibility to create cutting list
- Protection cover system with safety switch
- Cutting length min./max.: 4 mm/∞
- Saw output height is adjustable
- Hydro-pneumatic cylinder and cooling system



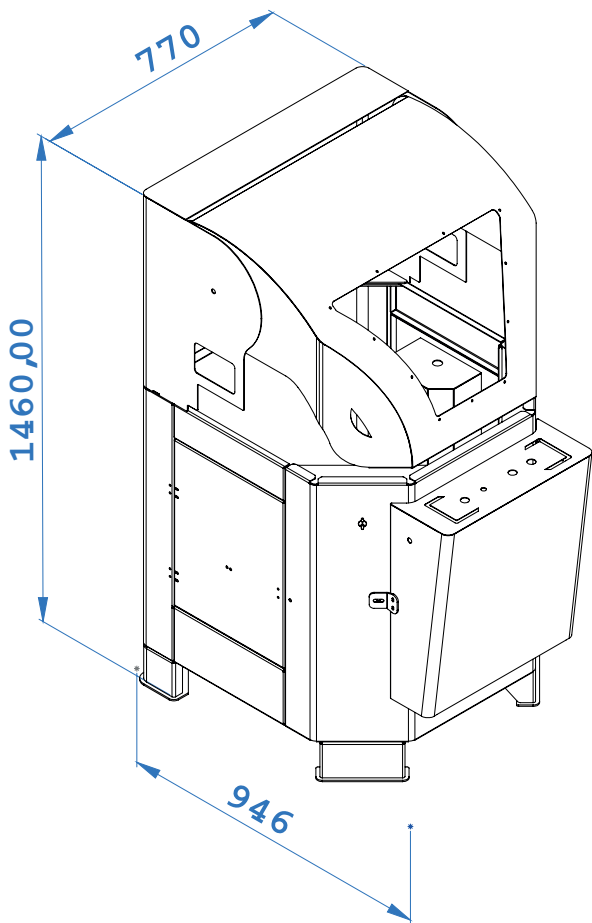
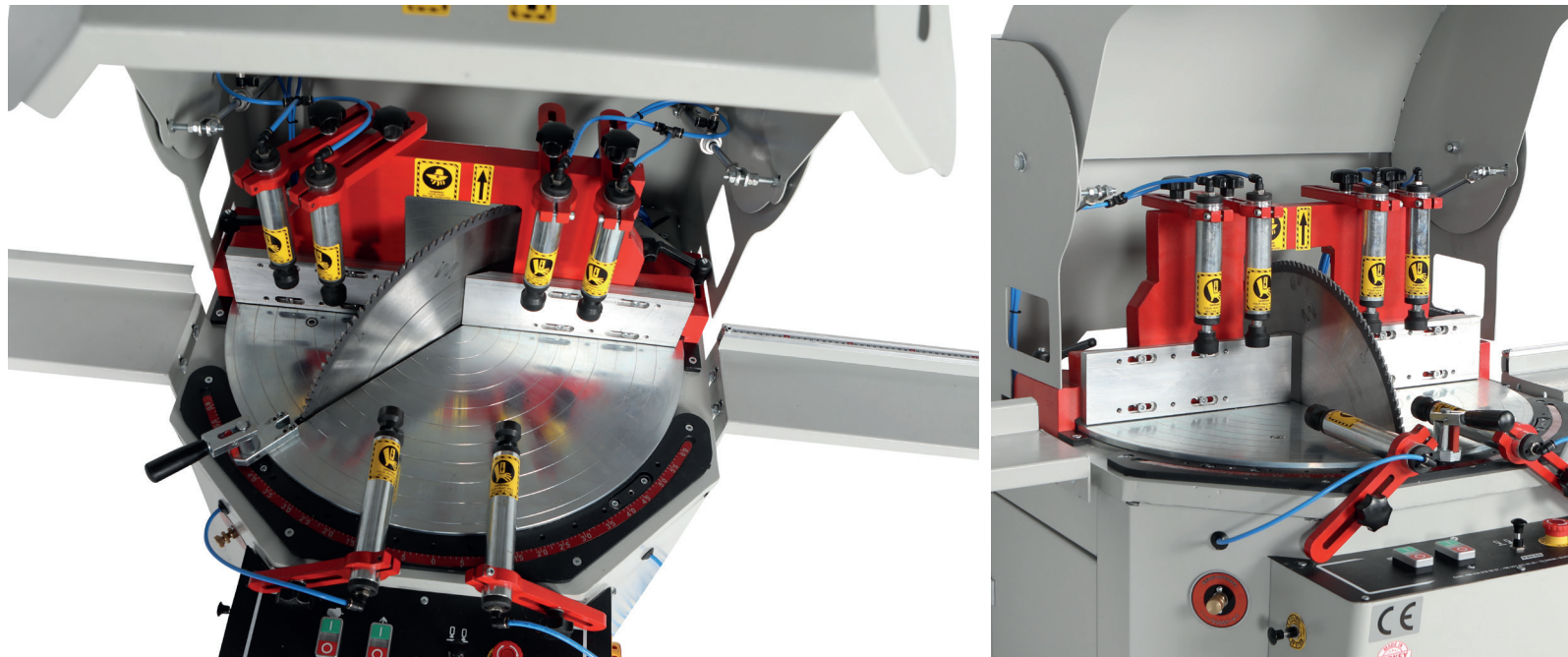
				
V : 400 kW : 2,2 A : 3.3	6-8 bar 41/l/syc	420 kg.	1x2.2 kW 2810 rpm	ØD 600 mm Ød 32 mm b 4,2 x 3,4 mm z 120



OST 46

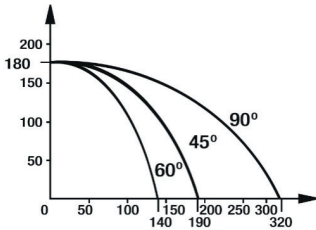
ALUMINUM & uPVC

UNDERCUT CUTTING MACHINE (Ø600MM SAW)



INFORMATION

- It is used for cutting aluminum and UPVC profiles.
- Hydro-Pneumatic cutting process,
- It can cut at fixed angles of -60°, -45°, -30°, -22.5°, -15°, 0°, +15°, +22.5°, +30°, +45°, +60° to the right and left.
- Pneumatic, vertical and horizontal press
- Ø600 Diamond Tipped Aluminum Saw Blade.
- Roller Conveyor Available. (Right-Left 3m)
- Oil Spray System.
- It can make precise cutting thanks to its 2.2KW motor and hydrocheck.

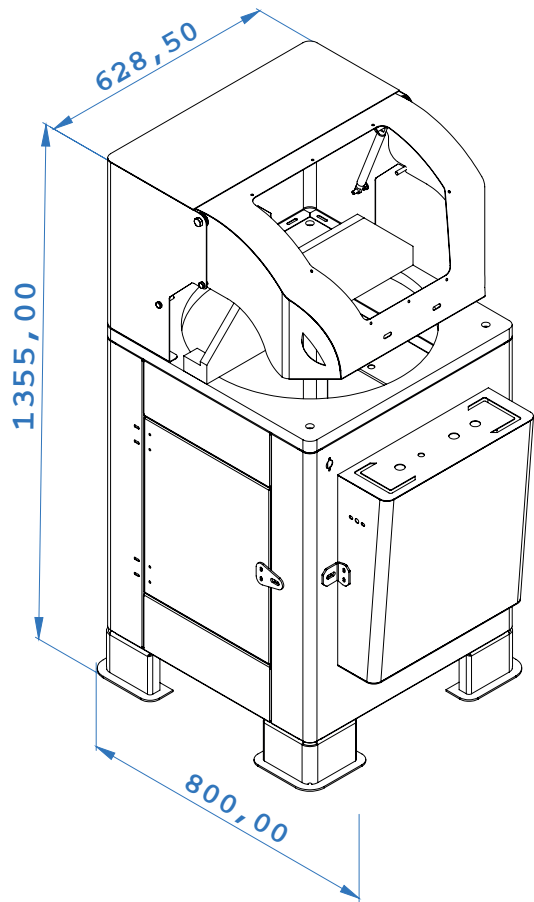
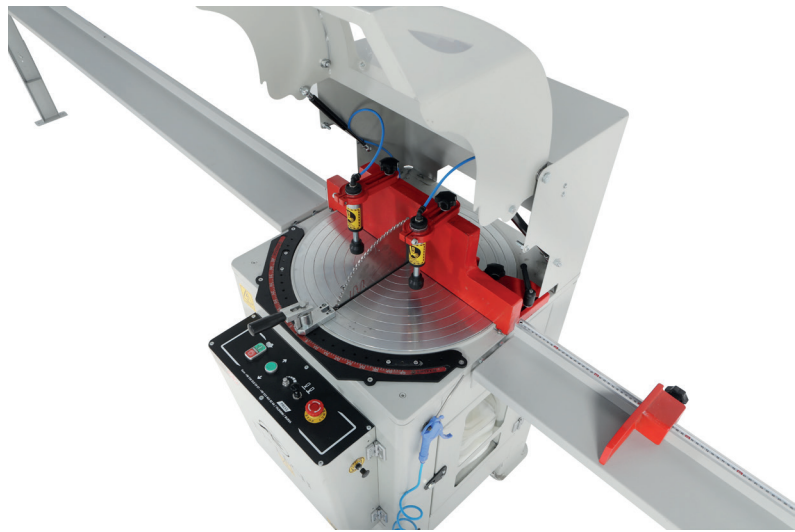
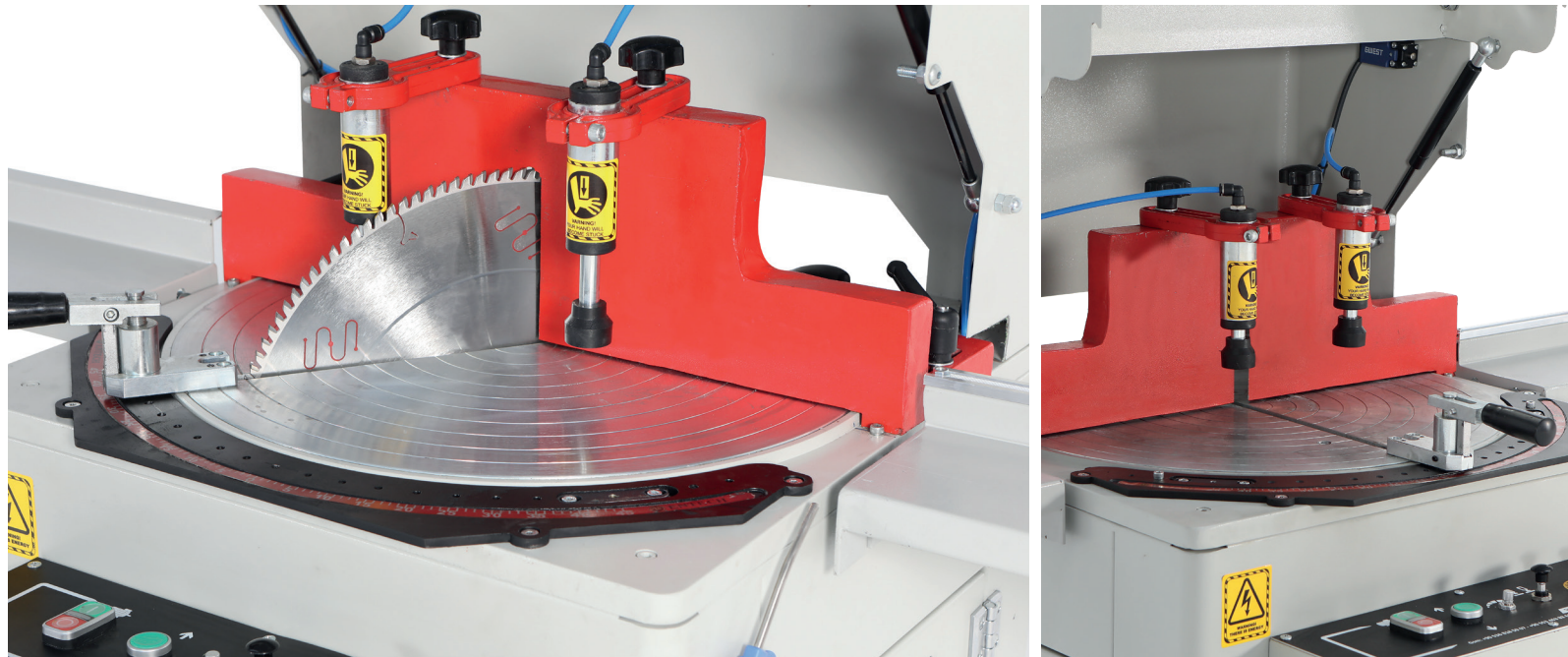


V : 400 kW : 2.2 A : 3.3	6-8 bar 41/lit/syc	420 kg.	2.2 kW 2810 rpm	ØD 600 mm Ød 30 mm b 4,2 x 3,4 mm z 120

# OST 40

## ALUMINUM & uPVC

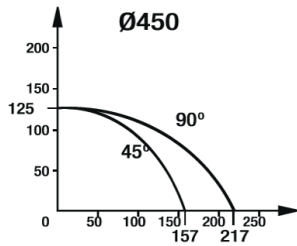
### UNDERCUT CUTTING MACHINE (Ø450MM SAW)



INFORMATION

- Makes precise cuts at 40° – 140° and intermediate degrees.
- Quick adjustment buffers for 15°, 22.5°, 30°, 45°, 60°, 90° degrees
- Table fixing arm for intermediate degrees
- Protection cover for safe cutting
- Diamond saw diameter 450 mm Exit distance: 12.5 cm
- Measuring and transport conveyors are available as standard. (3 meters right-left)

- OPTION
- Cooling system for cutting aluminum profiles
  - Hydrocheck system for cutting aluminium profiles.



V : 400 kW : 2.2 A : 5	6-8 bar 41/lit/syc	230 kg.	2.2 kW 2810 rpm	ØD 450 mm Ød 30 mm b 4,2 x 3,4 mm z 120

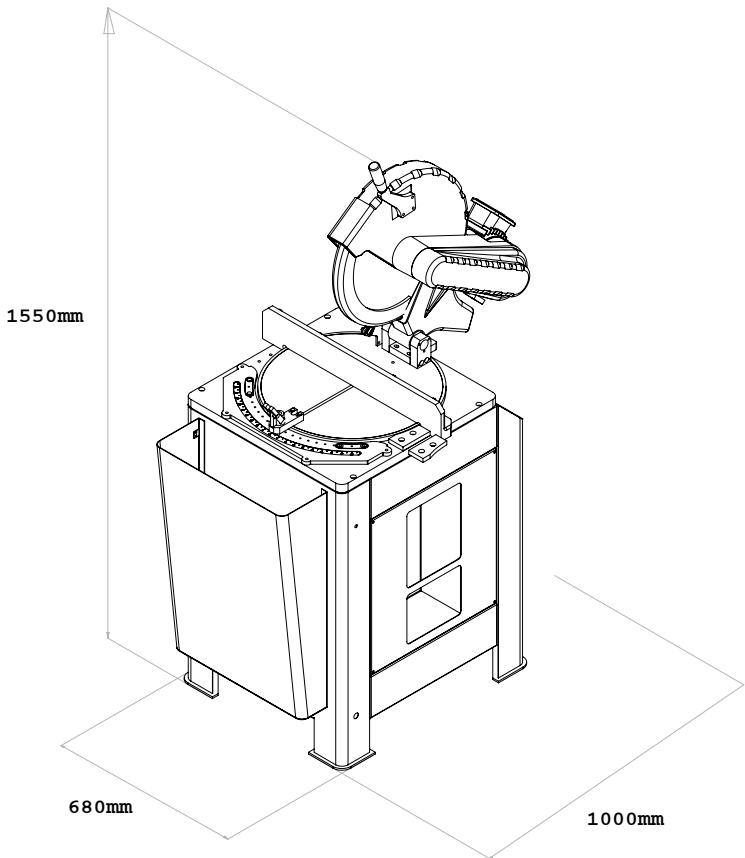
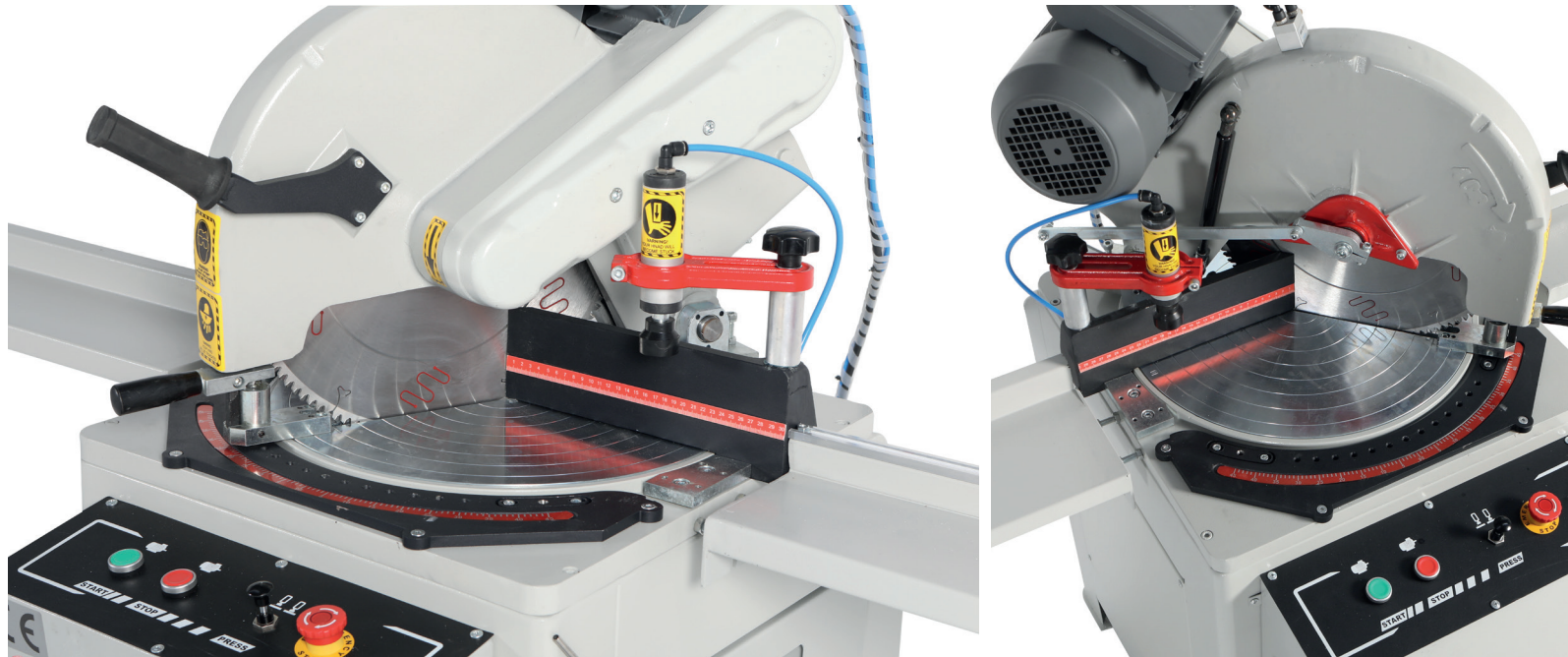


# OST 42

## ALUMINUM & uPVC

### MANUAL OVERHEAD CUTTING MACHINE

(Ø400MM SAW)

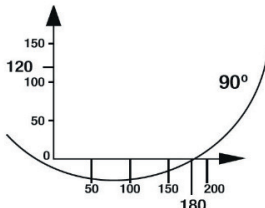
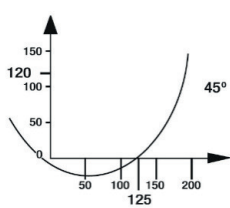


INFORMATION

- The machine can cut at + 45°, -45° and intermediate degrees.
- Quick adjustment pads for 90°, 75°, 60°, 45° degrees
- Table fixing arm for intermediate levels
- Profile compression is done in a pneumatic system and is done in a practical way.
- Diamond Saw diameter is Ø400mm.
- Measuring and transport conveyors are available as standard (3m right – left)

OPTION

- Cooling device for cutting aluminum profiles



V : 400  
kW : 1.5  
A : 3



6-8 bar  
9/lt/syc



125 kg.

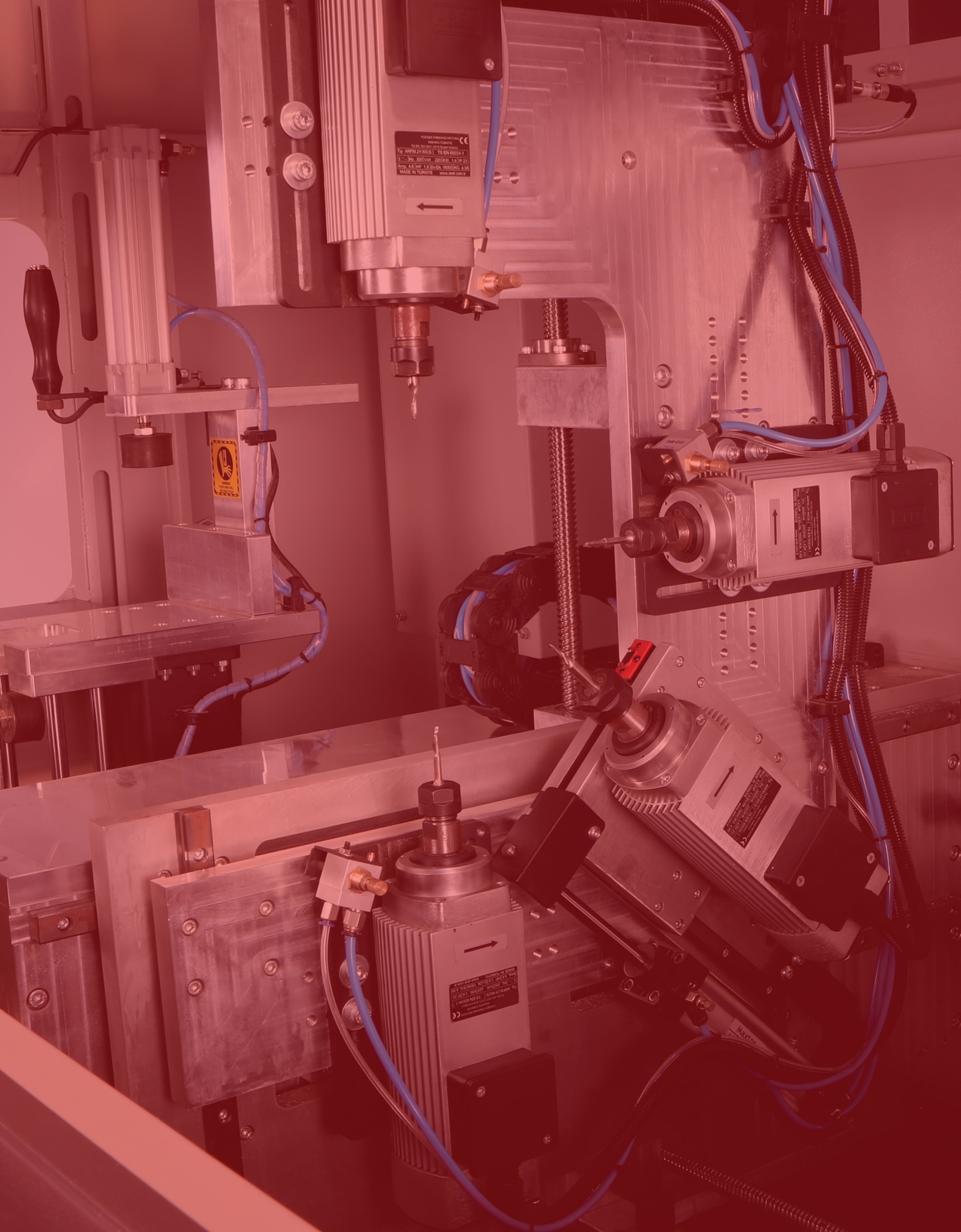


1.5 kW  
2810 rpm



ØD 400 mm  
Ød 30 mm  
b 4,2 x 3,4 mm  
z 120





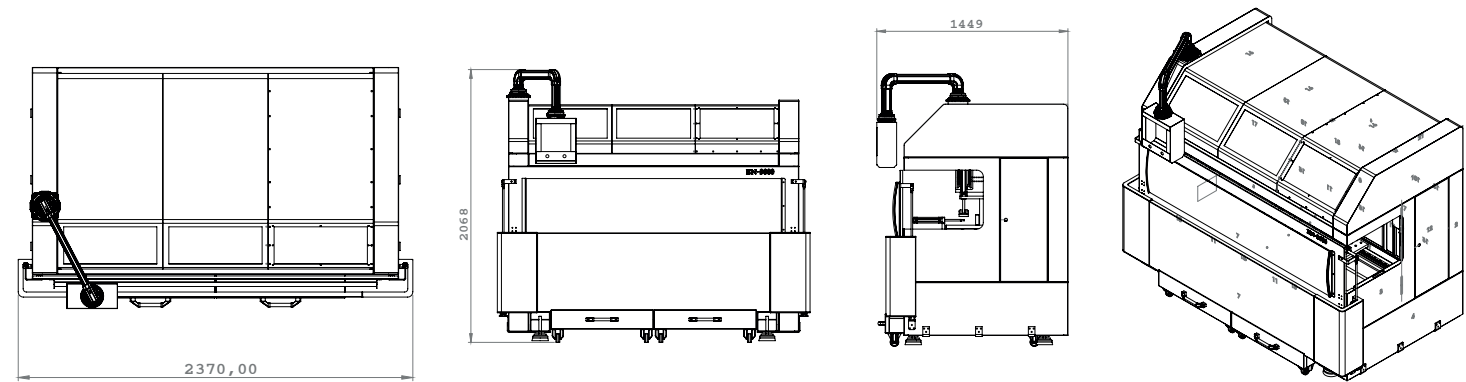
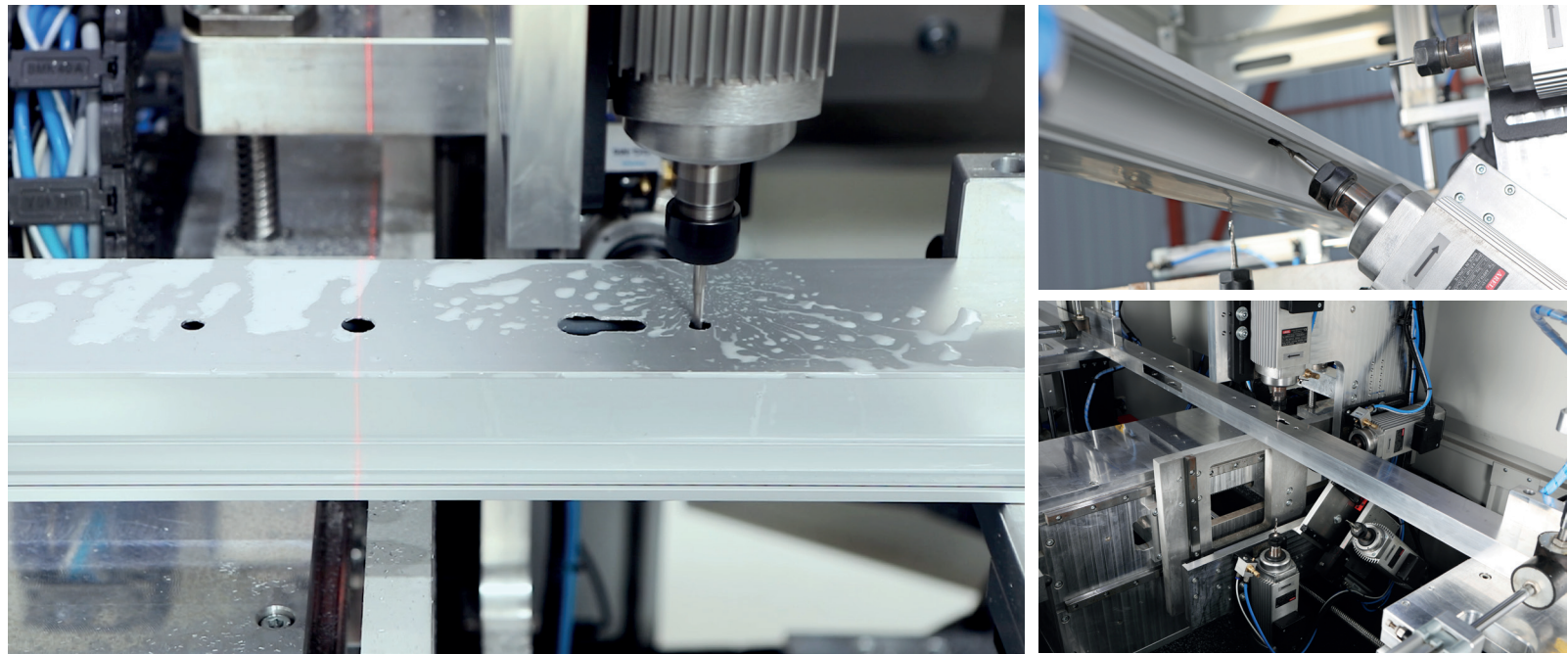
**Crafting the Future  
with Visionary Design**  
Experience the  
OSISTECH difference



OST 500

ALUMINUM & uPVC

3 AXIS CNC PROCESSING CENTER



INFORMATION

- It is a machine that can perform door, wing, arm barrel and triple drilling operations on aluminum and uPVC profiles.
- It is a machine that can perform water slot milling on uPVC profiles.
- Fast and precise machining of 3 sides of the profile without rotating
- CNC control 10" touch screen
- 3 independent axes (AXIS) and 3 motor operation feature
- Cooling system for aluminum profiles
- 1.5 mt right and left roller conveyor system, both with rulers and length stops
- Precise working thanks to linear guide system
- Ability to adjust speed settings for all operations
- Easy switching from touch screen to Aluminum PVC profile and automatic change of speed settings.
- Unlimited memory capacity
- Automatic protection cover for safety-
- Servo motor system on X, Y, Z axes



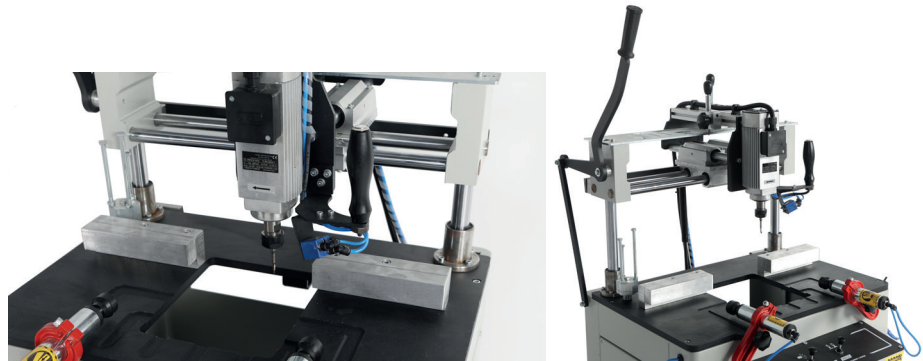
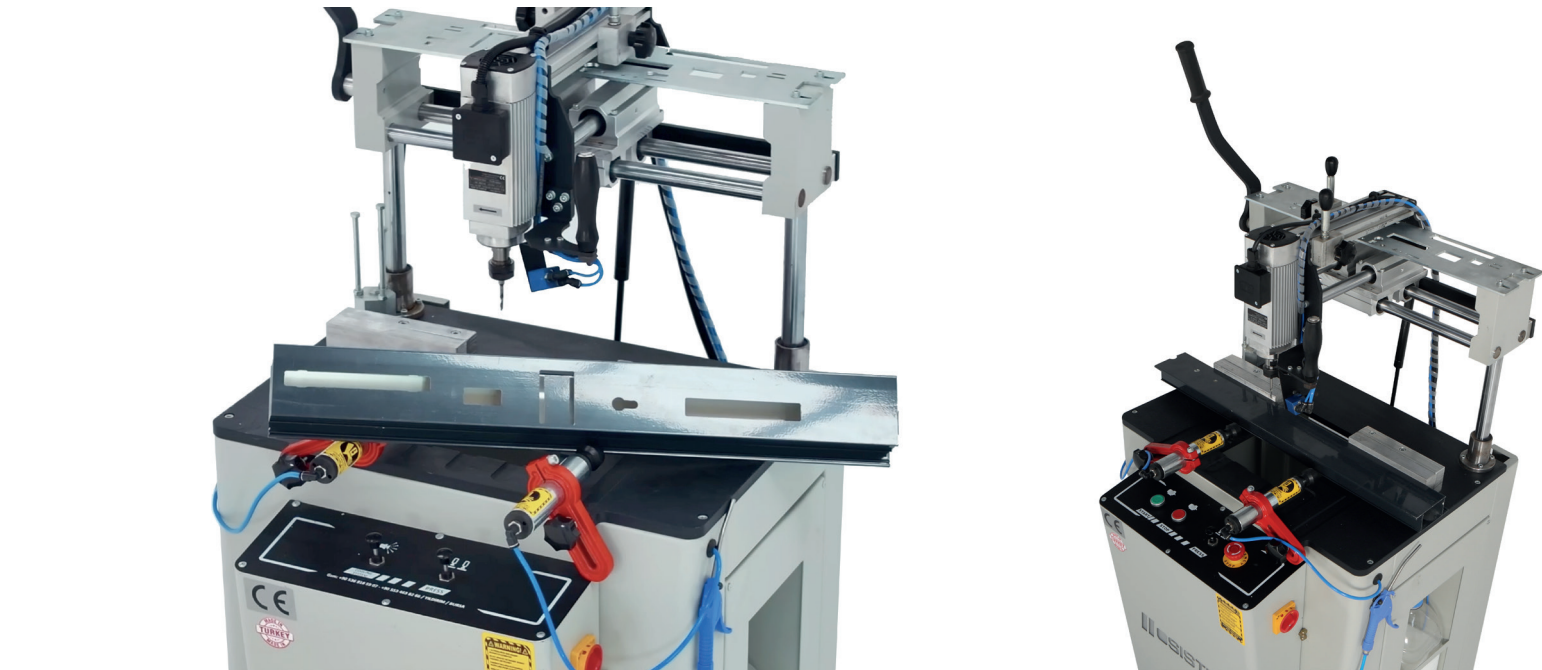
V : 220 kW : 2.84 A : 12.9	6-8 bar 20/lit/syc	600 kg.	4x1.4 kW 18000 rpm	A min : 30 mm A max : 105 mm B min : 50 mm B max : 125 mm	X : 800 mm Y : 350 mm Z : 350 mm



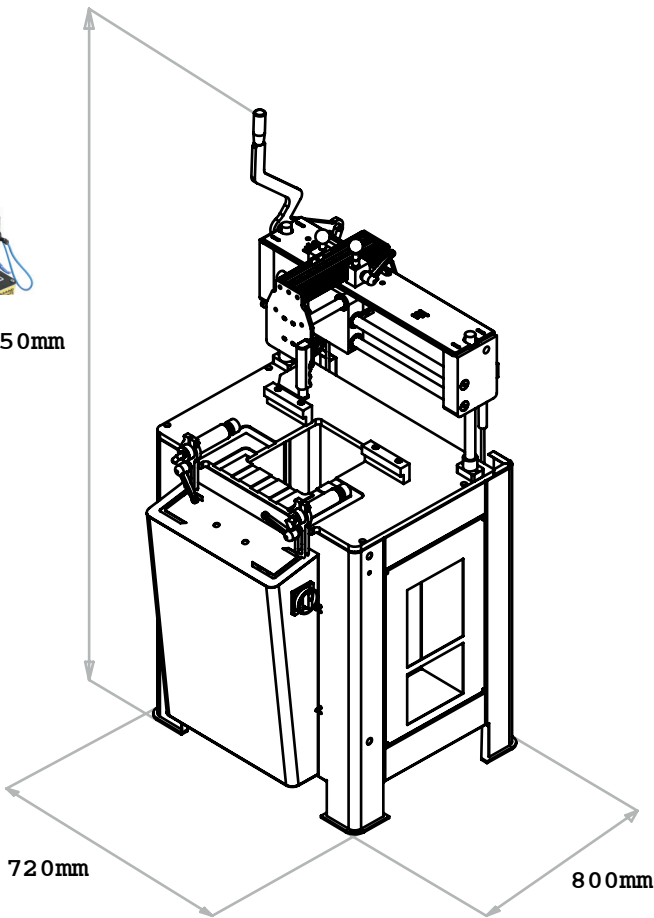
# OST 50

## ALUMINUM & uPVC

### COPY ROUTER MACHINE



1650mm



#### INFORMATION

- It is used in all profiles, handles, locks etc.
- It works comfortably with advanced technology engine support.
- It has a burr-free and comfortable processing speed.
- There is a water cooling system.
- It has a pneumatic profile compression system.
- High frequency motor (18000 rpm)

- OPTION
- Right conveyor system (1m)



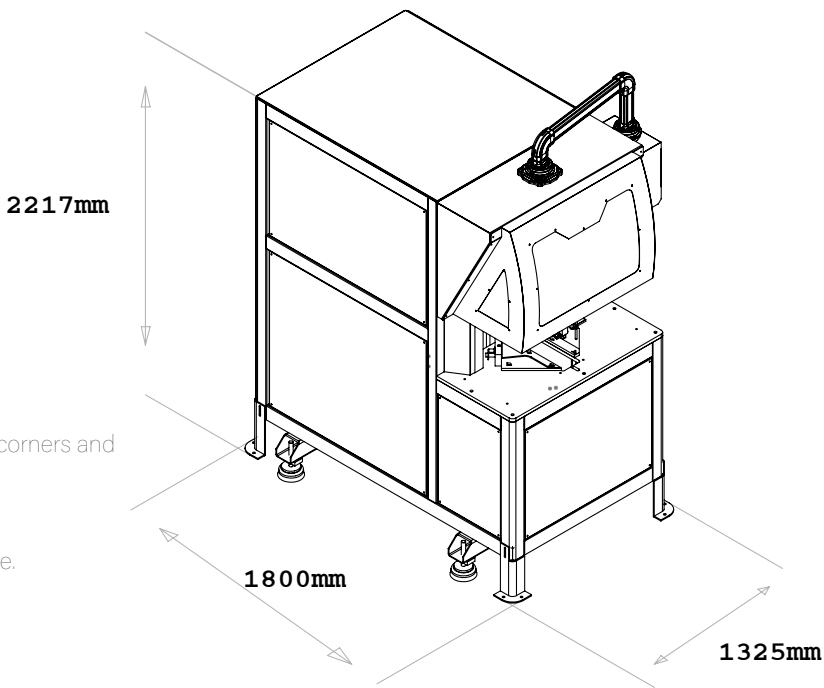
V : 220 kW : 1.4 A : 6.3	6-8 bar 20/lit/syc	120 kg.	1.4 kW 18000 rpm



# OST 600

## uPVC MACHINE

### 2 AXIS CNC CORNER CLEANING



#### INFORMATION

- It can automatically clean the burrs resulting from melting during the corner cleaning process on PVC profile frames, inner-outer corners and upper-lower surfaces with high precision and high speed.
- CNC control system (2 Axis)
- Works with "G Code"
- It has the capacity to process 160-200 frames in 8 hours of working time.
- There are 10 cleaning sets in total.
- Cleaning the top and bottom surfaces for white profiles
- Cleaning the top and bottom surfaces of coated profiles
- Cleaning of inner and outer felt bearings
- Cleaning of angular and radius surfaces
- Unlimited memory capacity
- 10.1" LCD control screen provides ease of use for the operator
- Long life thanks to the automatic lubrication system. (Automatic lubrication is activated after 5 frame cleanings.)
- Linear guide system
- Simple use and programming thanks to its unique software
- There is a brush stand system to easily rotate the profiles.
- User friendly (Easy profile programming with Handle)
- Adjustable working speeds at desired speeds.



V : 220 kW : 6 A : 17.2	6-8 bar 20/lit/syc	600 kg.	3x1.4 kW 18000 rpm	A min : 40 mm A max : 190 mm B max : 120 mm	ØD 250 mm Ød 30 mm b 4,2 x 3,4 mm z 60



# OST 20

## ALUMINUM & uPVC

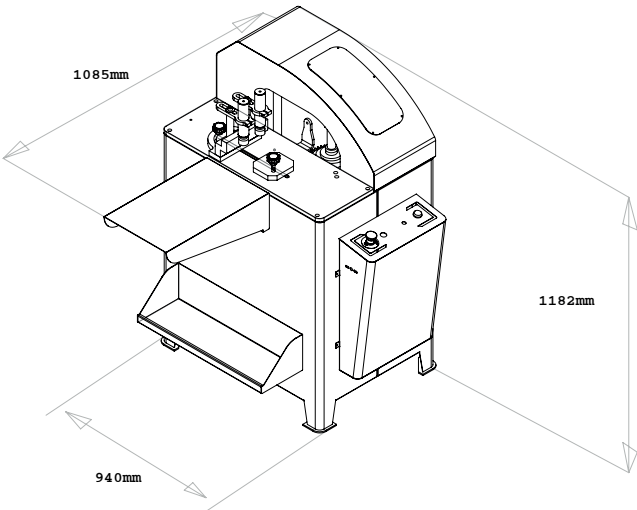
### AUTOMATIC END MILLING MACHINE



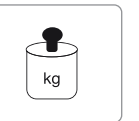
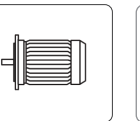



INFORMATION

- Cutting range +45° / -45° and intermediate degrees
- Automatic working cycle -Adjustable cutting speed with regulator on control panel
- Vertical pneumatic clamping kit
- Pneumatic rapid blade change system allows to quickly replace milling cutter groups when making profile system changes
- position rotating star-type stop
- The machine can work with adjustable reference shoulders from -45° to +45° degrees, including all intermediate angles
- Additional fixing of profile by a side stop -Special channel in stop plate is made for the best fixing of profile
- Strengthen engine bearing axle
- Special storage section for milling cutter holders
- Profile supporting arm -2 items of cutter holders

OPTION  
-Hydropneumatic and cooling systems for aluminium profile cutting



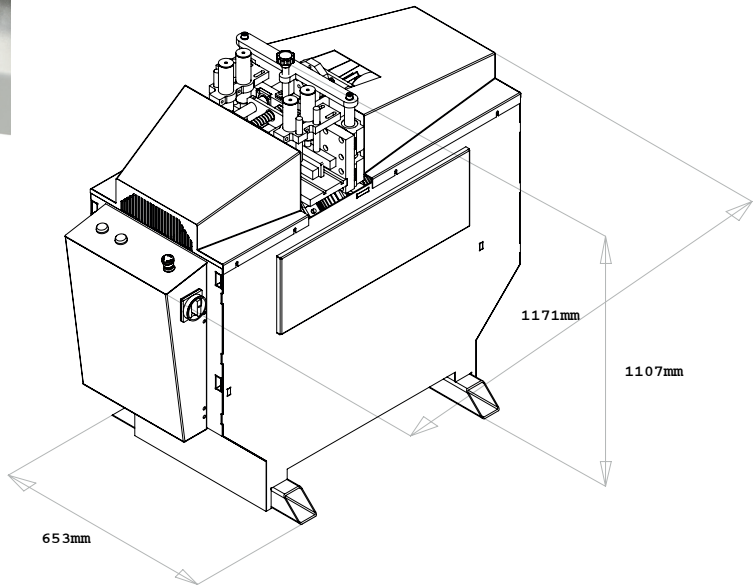
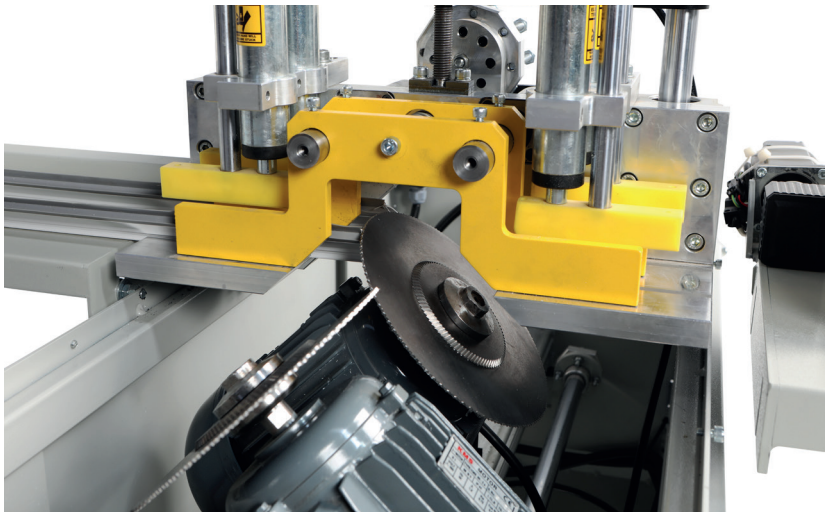
				
V : 400 kW : 1.1	6-8 bar 3/lt/syc	100 kg.	1.1 kW 2810 rpm	B max = 160 mm A (mm) = 30 mm n = 2810



OST 30

uPVC GLAZING BEAD

AUTOMATIC CUTTING MACHINE



INFORMATION

- 45 Degree Cutting Process of Lath Profiles
- 2 Sawed
- 10 Different Moulding Cutting Features
- Ability to cut 2 laths at the same time
- Right / Left Conveyor System for Long Slats 3 MT X 2
- Lath Claw Adjustment Mechanism
- Pneumatic Compression System
- Ability to cut aluminum slats by attaching a diamond-tipped saw upon request (with cooling system)
- Adjustable cutting speed



V : 400  
kW : 1,2

6-8 bar  
25/lt/syc

150 kg.

2x0.55 kW  
2810 rpm

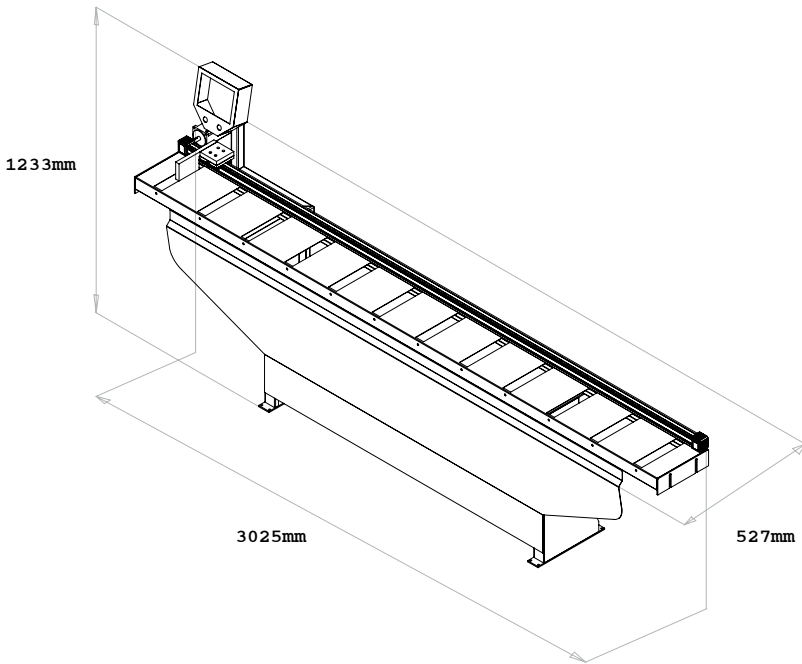
ØD1 = 200mm    ØD2 = 100mm  
Ød1 = 32mm    Ød2 = 25mm  
b1 = 1,8mm    Øb2 = 3mm  
z1 = 160    Z = 80  
α = 45°



# OST 70


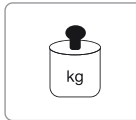
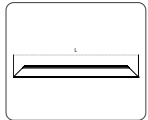
## AUTOMATIC SERVO CONTROL

### DIGITAL MEASURING TABLE



#### INFORMATION

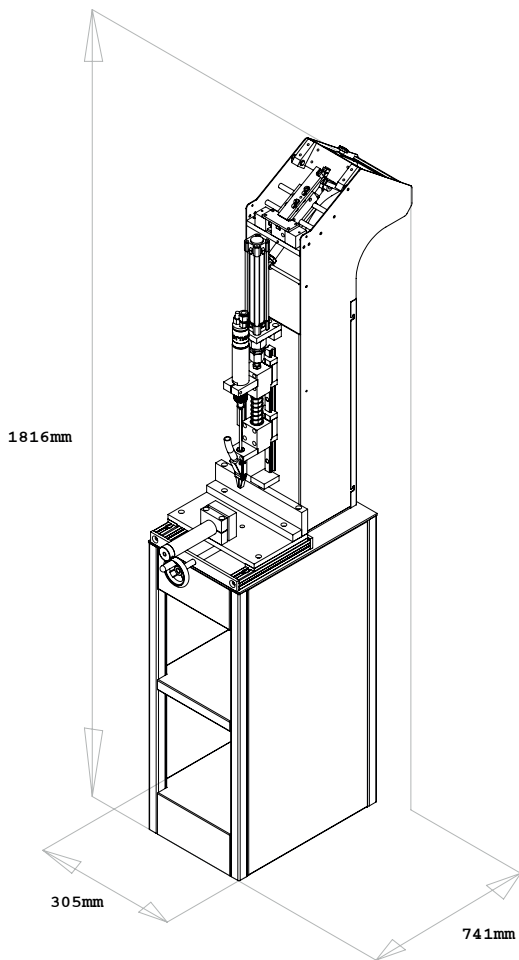
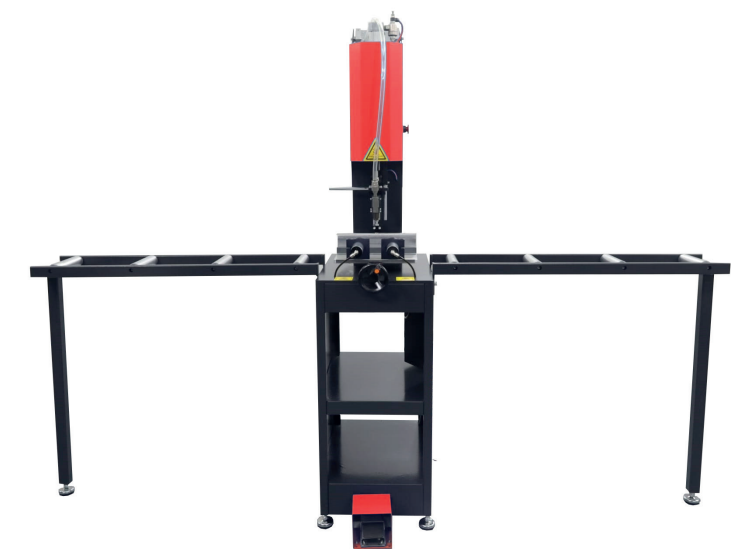
- 3/6 meters lenght
- With servo-controlled measurement,  $\pm 0.1$  mm precision
- Conveyor opening feature for easy retrieval of the cut material
- Easily operable cutting with a 7" touchscreen

		
V : 220 kW : 0,5	150 kg.	L max = 6000 mm L min = 300 mm



# OST 80

## AUTOMATIC SCREWING MACHINE



### INFORMATION

- Complies with CE standards
- Automatic screw feeding system
- Foot pedal control for screw driving
- Adjustable screw placement and torque for different profiles
- Durable and low-maintenance screw driving tip
- Safety switch to prevent improper use
- Adjustable support sheet stop distance

OPTION  
· 3 Meter Measurement and Transport Conveyor



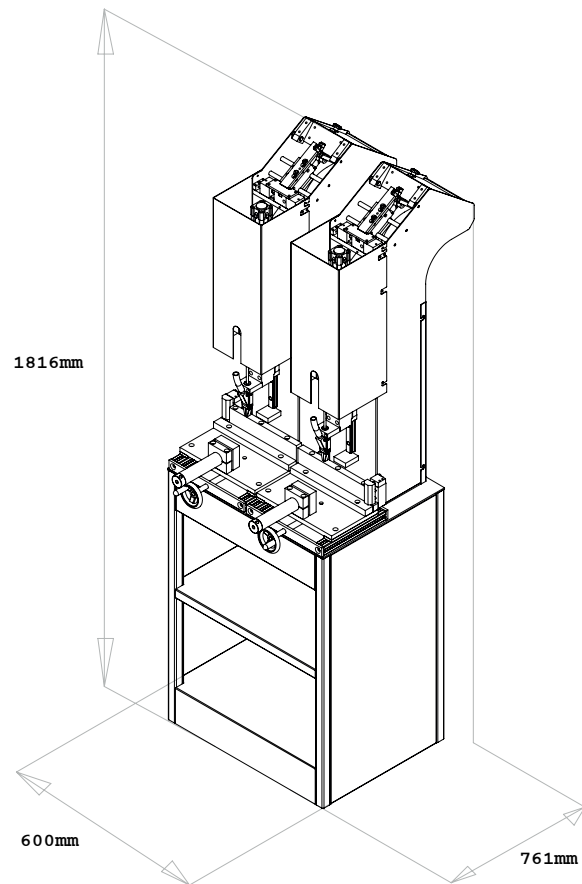
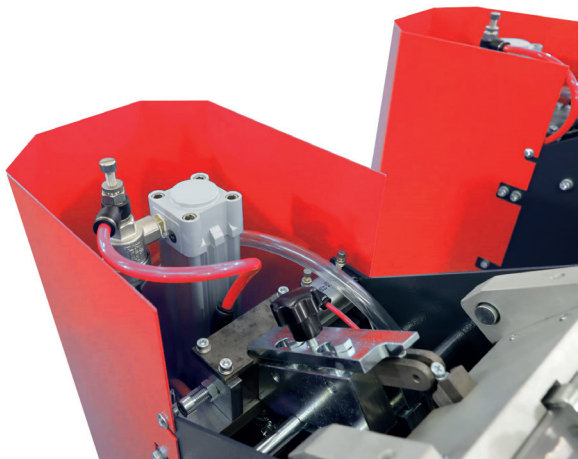
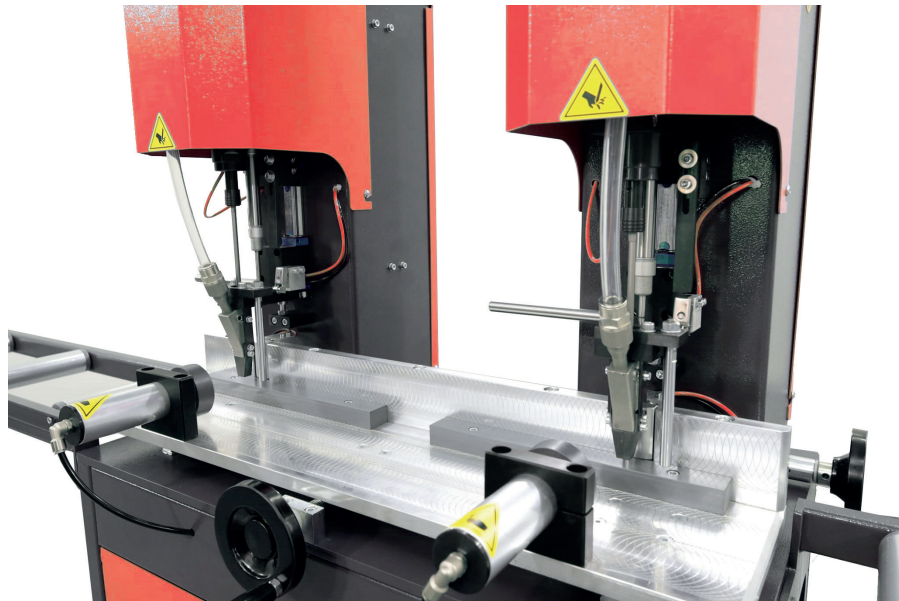
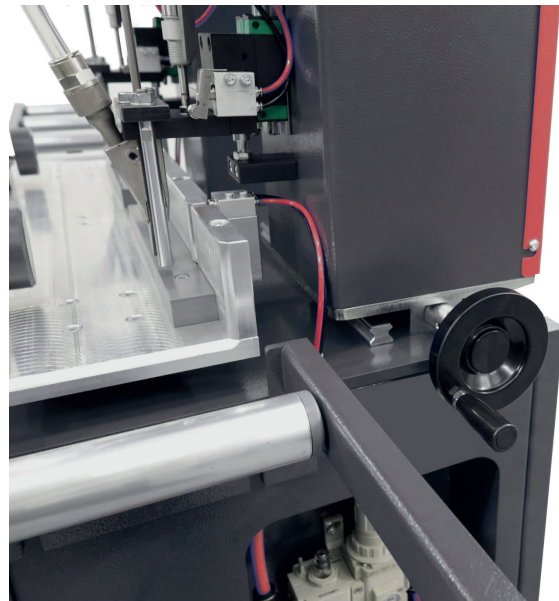
6-8 bar 16/lt/syc	110 kg.	Min : 3,9 x 16 Max : 4,2 x 38	rpm = 2360 mm n max = 2,59 mm	speed = 1.7 sec/piece



# OST 800

## AUTOMATIC

### DOUBLE HEAD SCREWING MACHINE



#### INFORMATION

- Complies with CE standards
- Mechanical structure suitable for high working speed
- Screw driving heads with the ability to work together or separately
- Automatic screw feeding system
- Foot pedal control for screw driving
- Adjustable screw placement and torque for different profiles
- Durable and low-maintenance screw driving tip
- Safety switch to prevent improper use
- Adjustable support sheet stop distance

OPTION  
· 3 Meter Measurement and Transport Conveyor



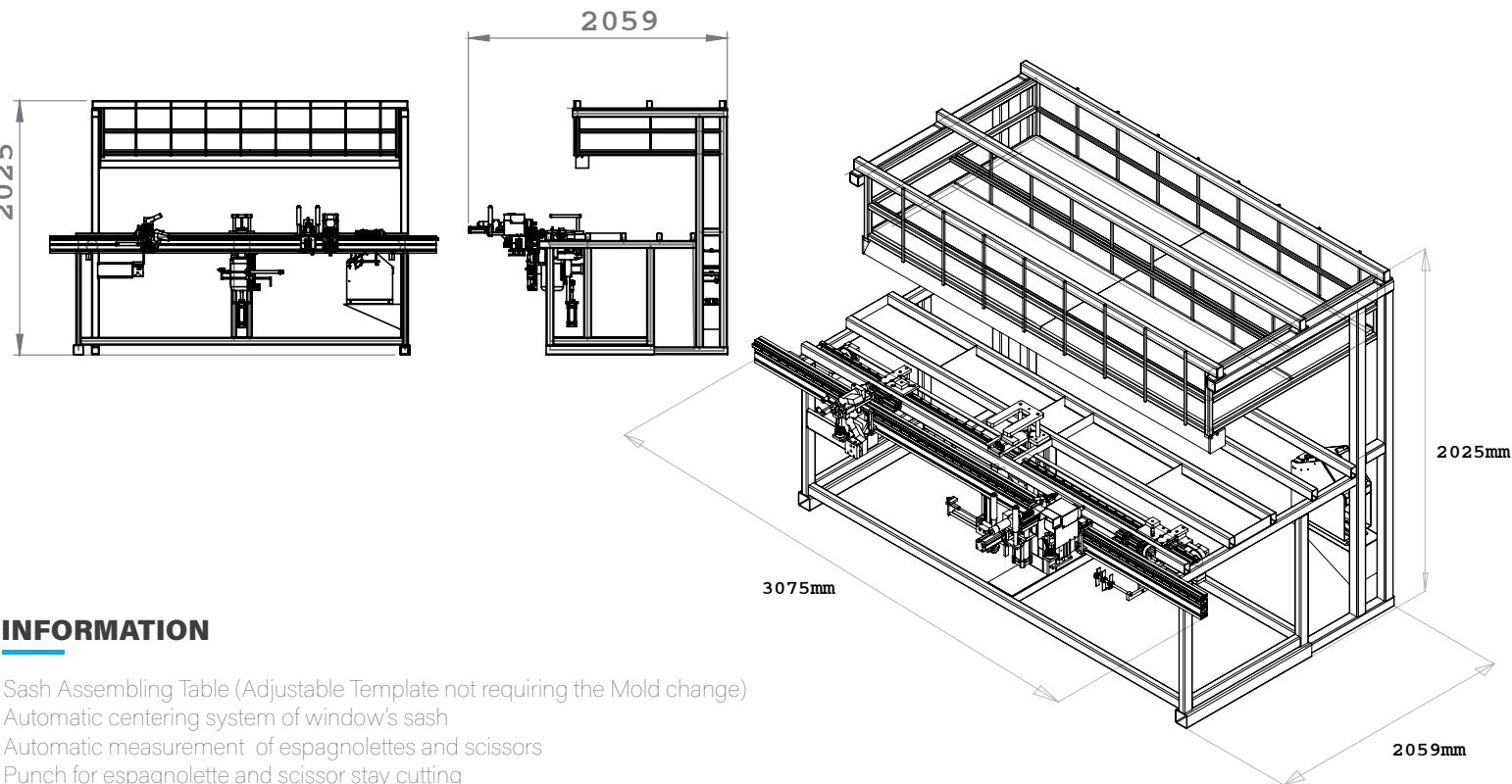
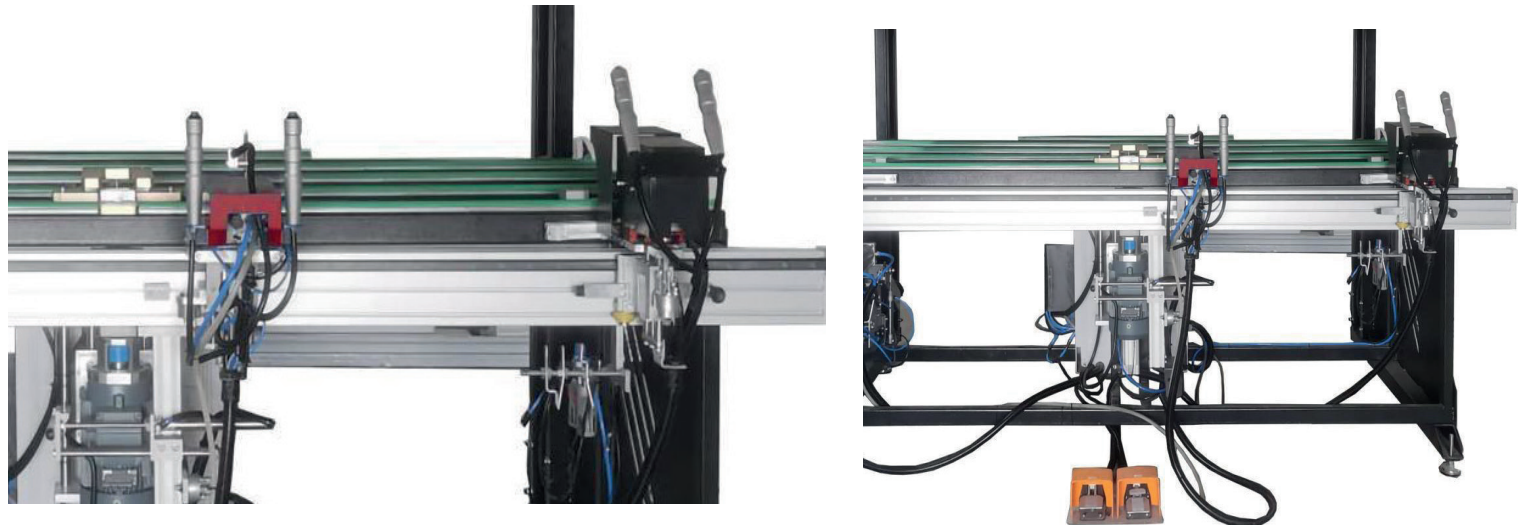
6-8 bar 32/lt/syc	140 kg.	Min : 3,9 x 16 Max : 4,2 x 38	rpm = 2360 mm n max = 2,59 mm	speed = 1.7 sec/piece



OST 700

uPVC SASH

HARDWARE MOUNTING STATION





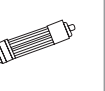



INFORMATION

- Sash Assembling Table (Adjustable Template not requiring the Mold change)
- Automatic centering system of window's sash
- Automatic measurement of espagnolettes and scissors
- Punch for espagnolette and scissor stay cutting

- OPTION
- Full Automatic Screwing, Automatic screw feeding unit, Laser pointer
  - Triple handle hole drilling group (with reinforced profile)
  - Semi automatic adjustable, Hinge Drilling and Manual Hinge Screwing Group
  - Milling tool for espagnolette channel grooving
  - Hardware shelf (Lighting and Functional Corner Element Hanger)



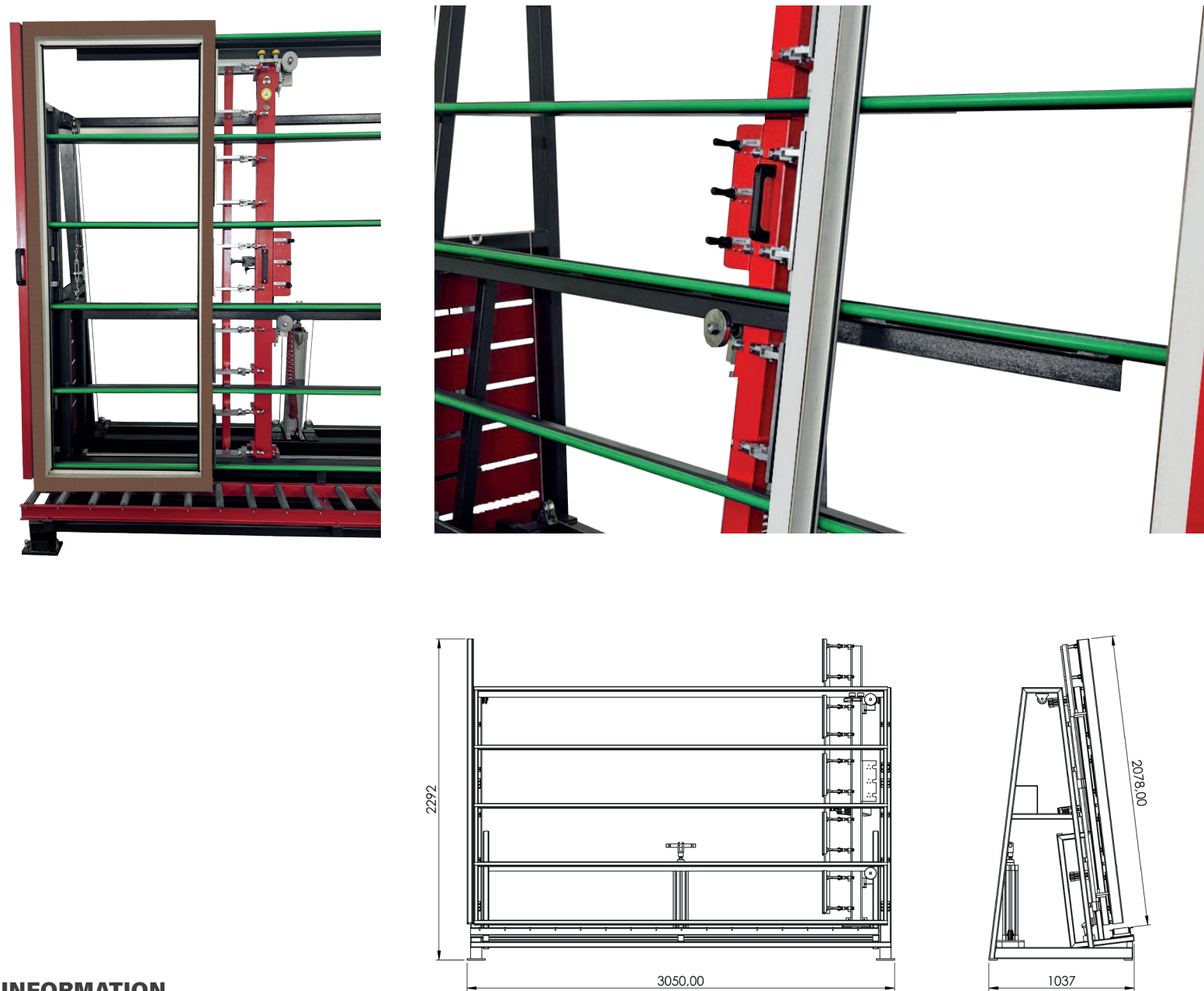
					
V : 400 kW : 3	6-8 bar 250/l/syc	460 kg.	Min : 3,9 x 16 Max : 4,2 x 38	rpm = 2360 mm n max = 2,59 mm	speed = 1.7 sec/piece



OST 700

uPVC SASH

HARDWARE MOUNTING STATION



INFORMATION

- Sturdy steel construction
- Fast, precise assembly of windows, doors, and final elements
- Precision achieved through parallel clamping bar pressing
- Designed for glazing and function control
- Integration for joining frames and wings
- Recess for wind protection
- Stepless height adjustment
- Two pressing bars, pneumatically foldable and movable
- Easy operation with hand switch
- 4-fold compressed air connection\*

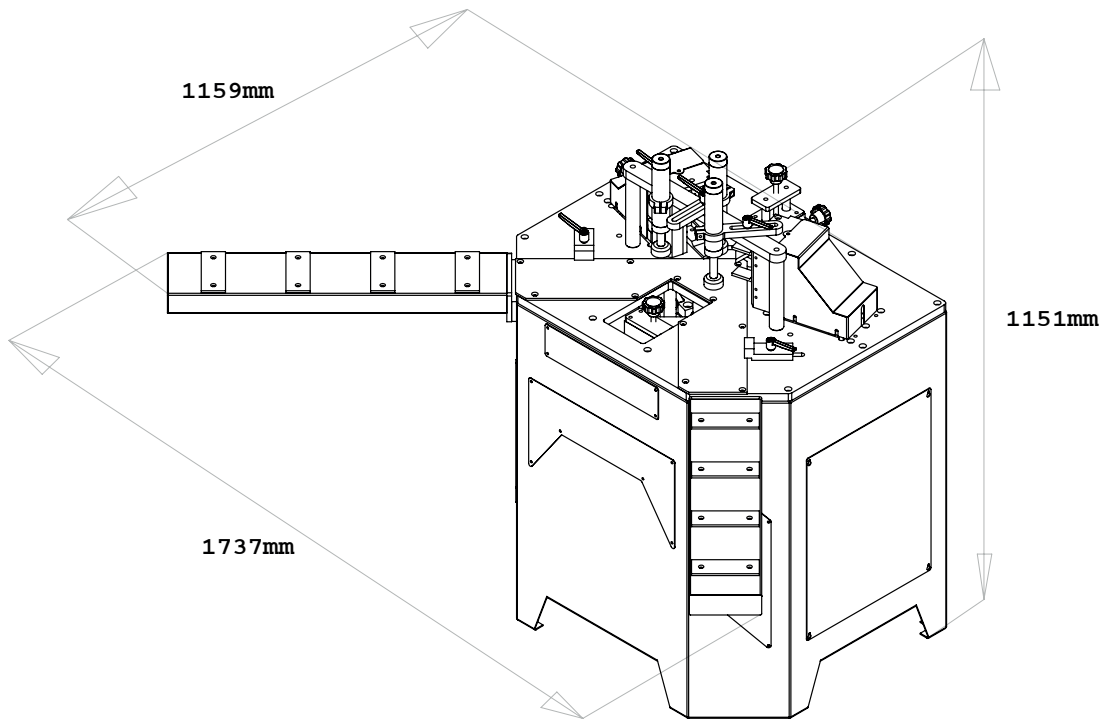


6-8 bar 50/lt/syc	375 kg.	H = 2292 mm W = 3050 mm D = 1025 mm	a min = 300 mm b max = 2700 mm



OST 10A





PNEUMATIC ALUMINIUM  
CORNER CRIMPING MACHINE



INFORMATION

- It features two pneumatic upper presses and knife movement.
- A mm scale system is available for adjusting the height and advancement of the knives.
- The central angled wedge operates pneumatically.
- A cleaning button is included for precise adjustments.
- Two pedals are used for hydraulic pressing and profile clamping.
- Polyamide plates are included to prevent damage to the profile surfaces.
- There are right and left support arms for profile stability.



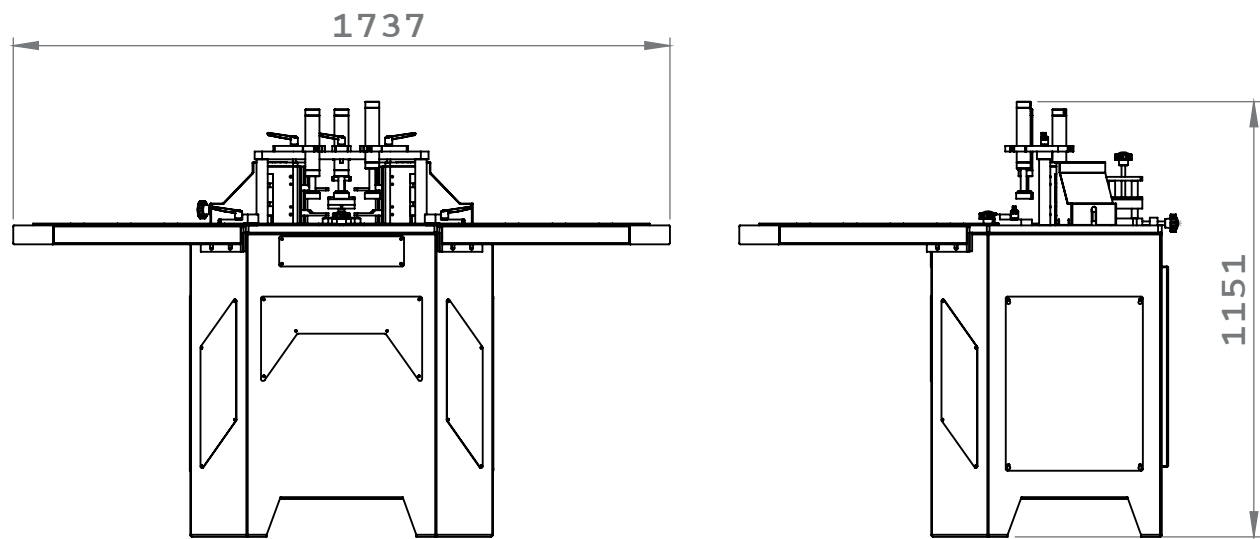
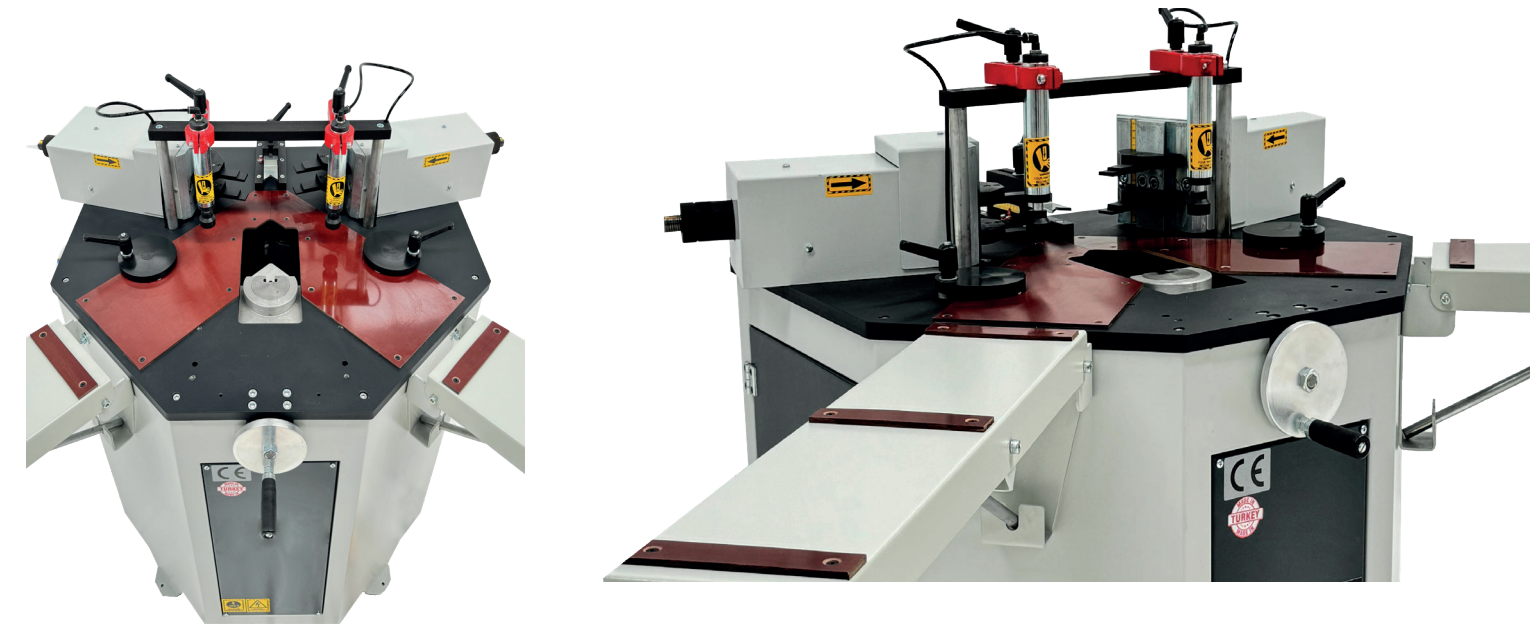
			
6-8 bar 55/lt/syc	360 kg.	H = 1325 mm W = 2525 mm D = 1700 mm	Crimping tools stroke kg*f 6500



# OST 10AX

## HYDRALIC ALUMINIUM

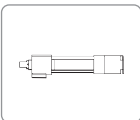

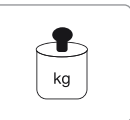
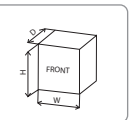
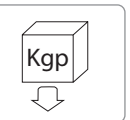
### CORNER CRIMPING MACHINE



INFORMATION

- It features two hydraulic upper presses and knife movement.
- A mm scale system is available for adjusting the height and advancement of the knives.
- The central angled wedge operates hydraulically.
- A cleaning button is included for precise adjustments.
- Two pedals are used for hydraulic pressing and profile clamping.
- Polyamide plates are included to prevent damage to the profile surfaces.
- There are right and left support arms for profile stability.



				
Hydropneumatic Pressure Bar 100-120	6-8 bar 55/lt/syc	360 kg.	H = 1325 mm W = 2525 mm D = 1700 mm	Crimping tools stroke kg*f 6500



# PORTABLES

## OST 40P

Aluminum & uPVC  
PORTABLE SAW MACHINE (Ø300MM SAW)

### INFORMATION

- Complies with CE standards
- Cutting capability at all angles from -45° to +45°
- Safe cutting with saw guard
- Aluminum die-cast body
- Long-lasting electrostatic paint



## OST 42P

Aluminum & uPVC  
PORTABLE SAW MACHINE (Ø400MM SAW)

### INFORMATION

- Complies with CE standards
- Cutting capability at all angles from -45° to +45°
- 400mm diamond saw
- Safe cutting with saw guard
- Aluminum die-cast body
- Long-lasting electrostatic paint



## OST 44P

Aluminum & uPVC  
PORTABLE MITRE SAW MACHINE (Ø300MM SAW)

### INFORMATION

- Complies with CE standards
- Cutting capability at all angles from -45° to +45°
- Left-side tilt cutting within the range of 0° to 45°
- 300mm diamond saw
- Safe cutting with saw guard
- Aluminum die-cast body
- Long-lasting electrostatic paint



## OST 50P

Aluminum & uPVC  
PORTABLE COPY ROUTER MACHINE

### INFORMATION

- Complies with CE standards
- Various drilling and milling operations
- Aluminum die-cast body
- Coated metal template
- Chrome-plated stainless steel shafts
- 2x manual horizontal vices
- Long-lasting electrostatic powder coating



## OST 20P

Aluminum & uPVC  
PORTABLE END MILLING MACHINE

### INFORMATION

- Compliance with CE standards.
- End milling operation for Aluminum and uPVC profiles
- Vertical and horizontal vice system
- Single phase motor (220V)
- Easy to use and safe to operate with ergonomic design

#### OPTION

- Lower cabinet body system
- Pneumatic air system



**OST 72**  
ROLLER SUPPORT



**OST 82**  
AIR COMPRESSOR





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for complex challenges!**  
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