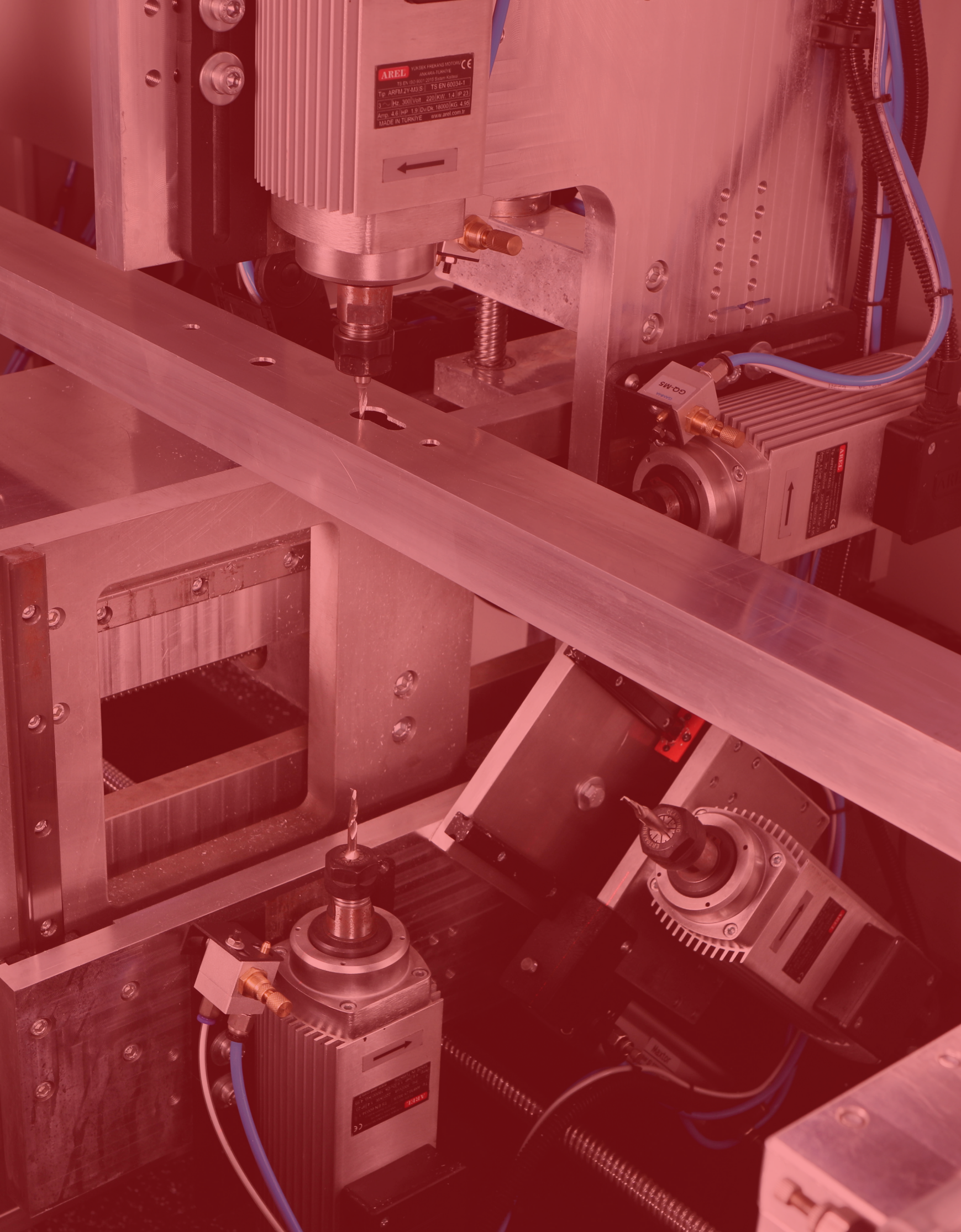




MACHINES

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.



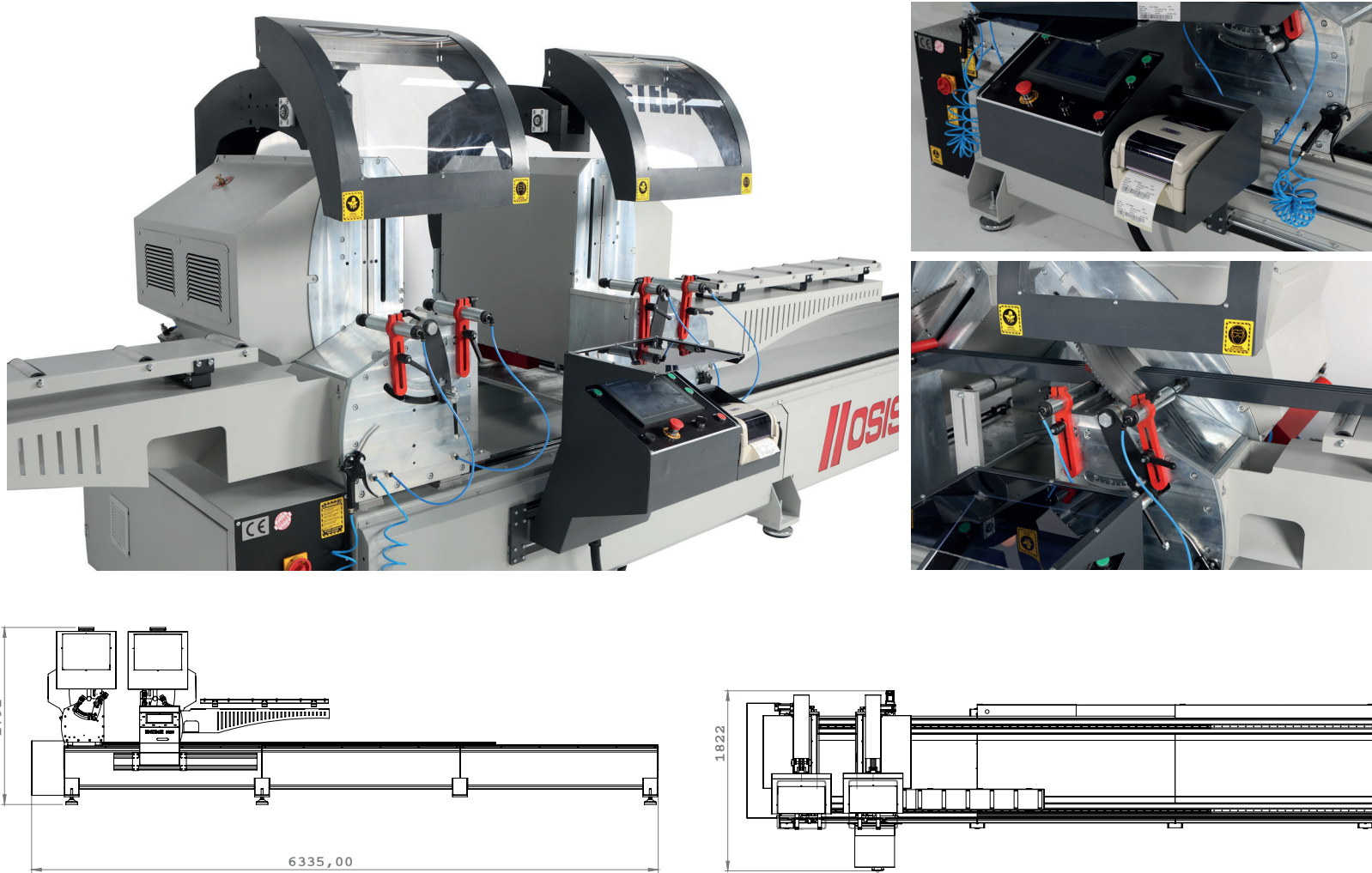
Perfect solutions for every need

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OST 460

ALUMINUM & uPVC

DOUBLE HEAD CUTTING MACHINE (600MM SAW)



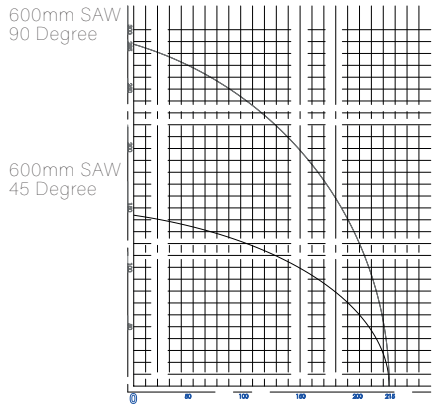
- #### INFORMATION

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
 - Hydrocheak 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

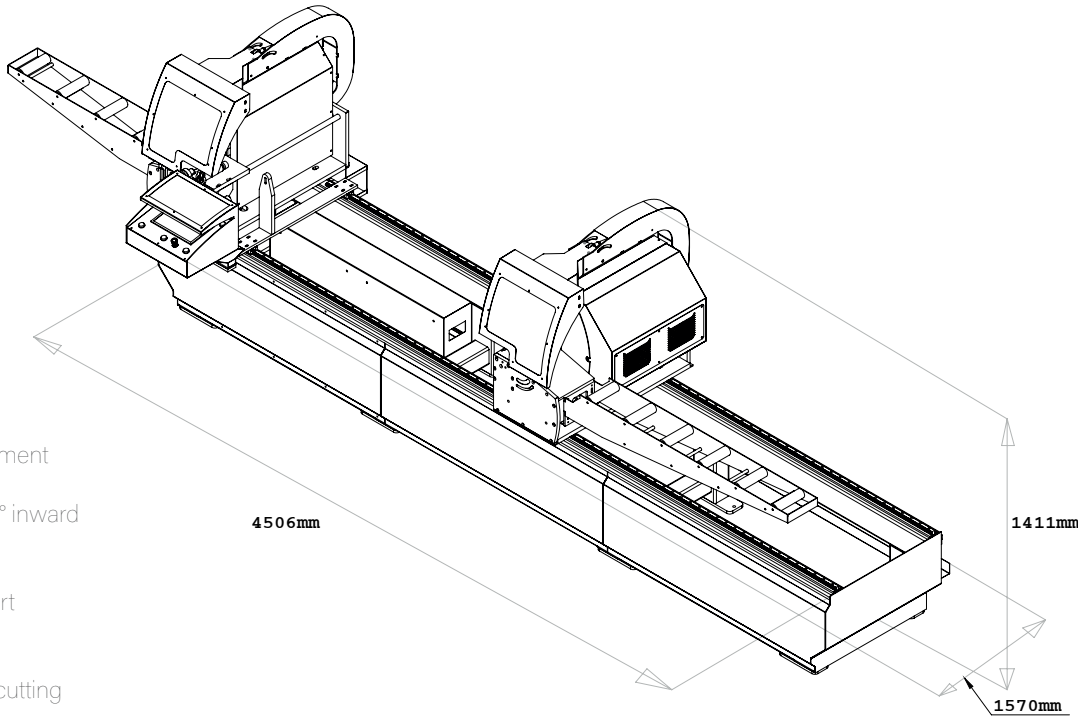
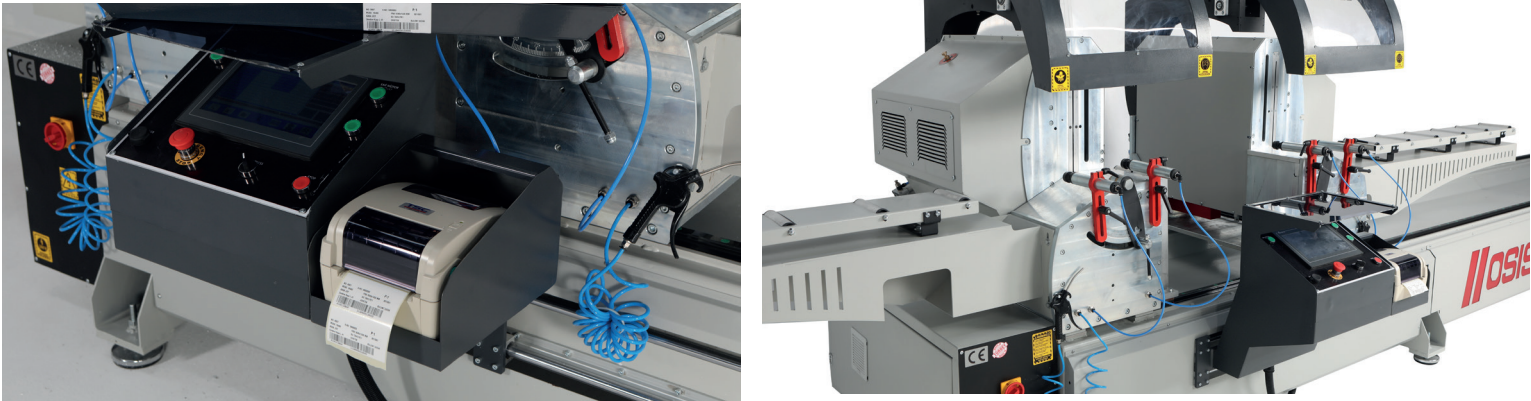


V : 400 kW : 7.3 A : 14	6-8 bar 30/lit/syc	1470 kg.	2x2.2 kW 2810 rpm	L max = 9500 mm L min = 520 mm	ØD 600 mm Ød 30 mm b 4,2 x 3,4 mm z 120

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

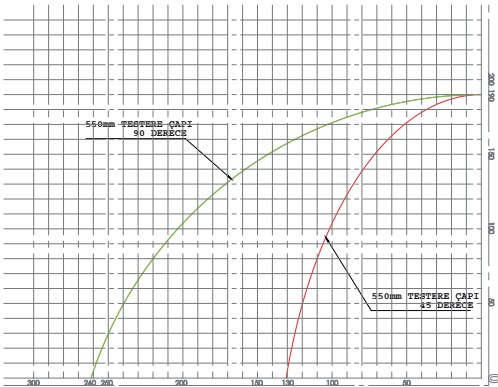
· 2 x vertical vices

· 4 x horizontal vices

- OPTION

· Barcode printer

· Data transfer via USB memory stick

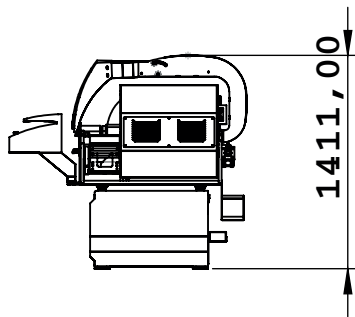
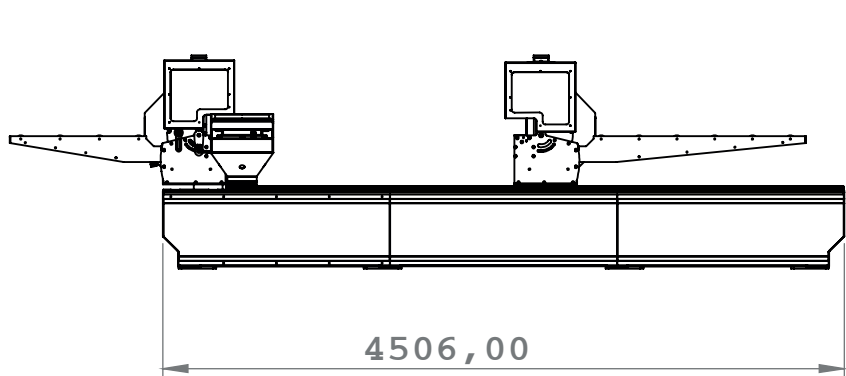


V : 400 kW : 7.3 A : 14	6-8 bar 30/l/syc	1470 kg.	2x2.2 kW 2810 rpm	L max = 8000 mm L min = 480 mm	ØD 550 mm Ød 30 mm b 4,2 x 3,4 mm z 120

OST 450

ALUMINUM & uPVC

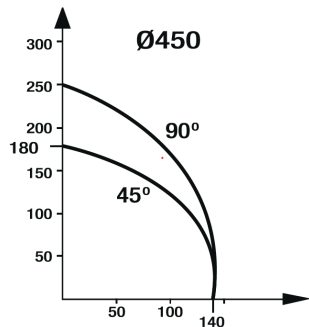
DOUBLE HEAD CUTTING MACHINE (Ø450MM SAW)



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

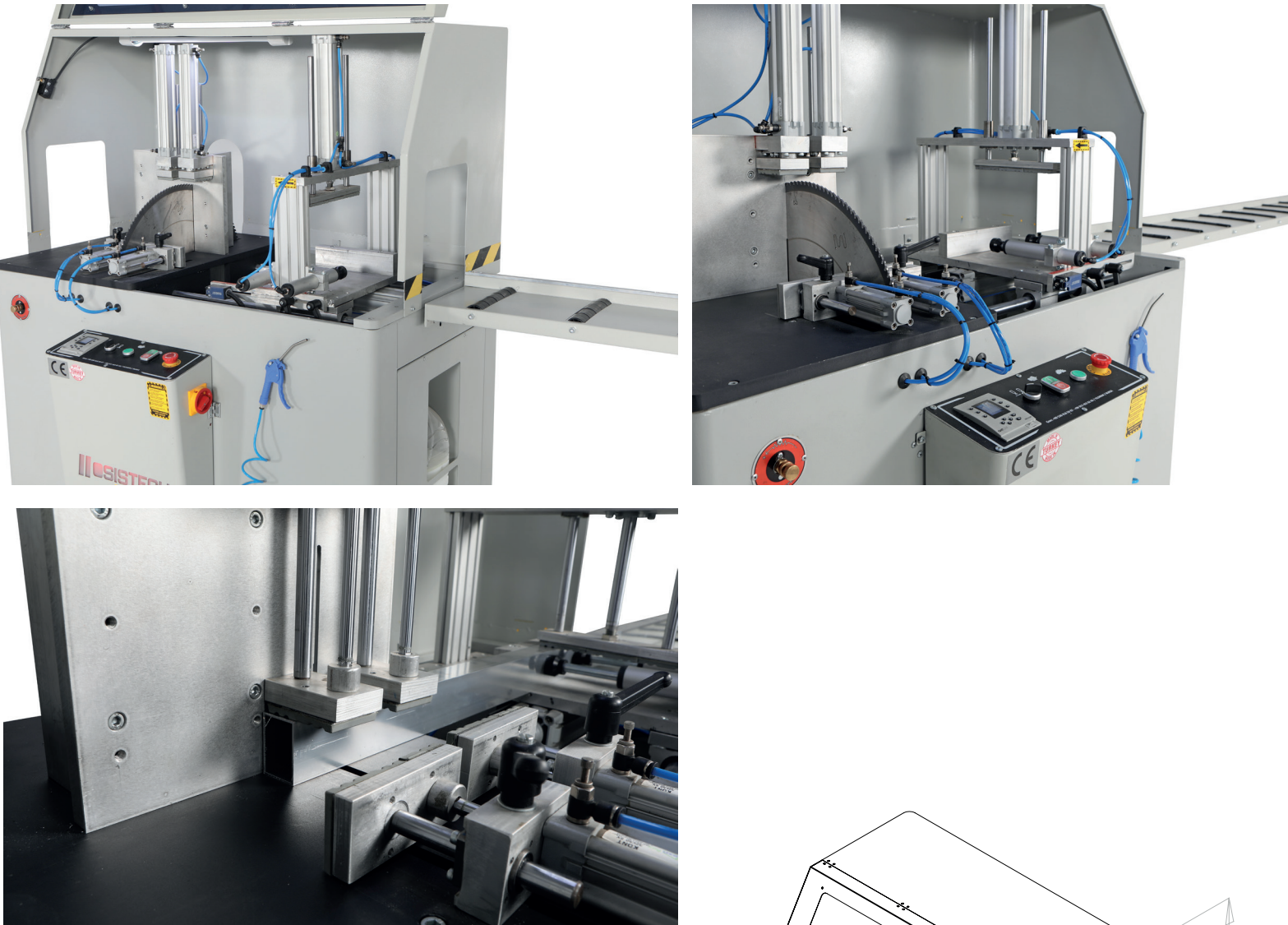


ØD 450 mm
Ød 30 mm
b 4,2 x 3,4 mm
z 120

OST 46T

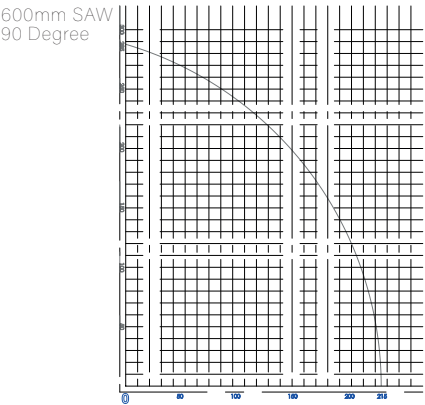
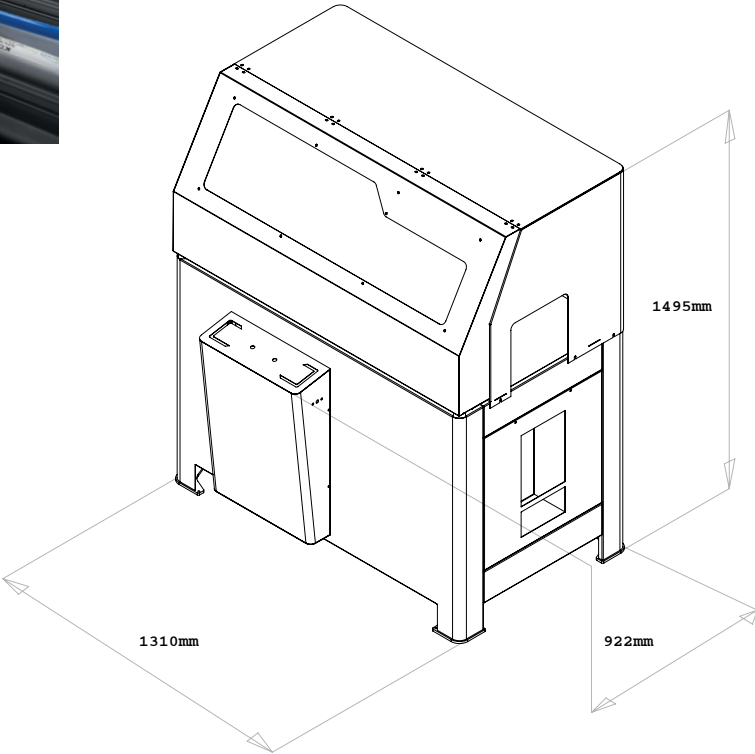
ALUMINUM & uPVC

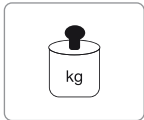
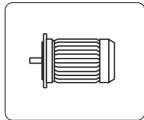
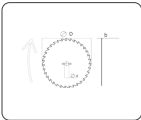
WEDGE CUTTING MACHINE (Ø600MM SAW)



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

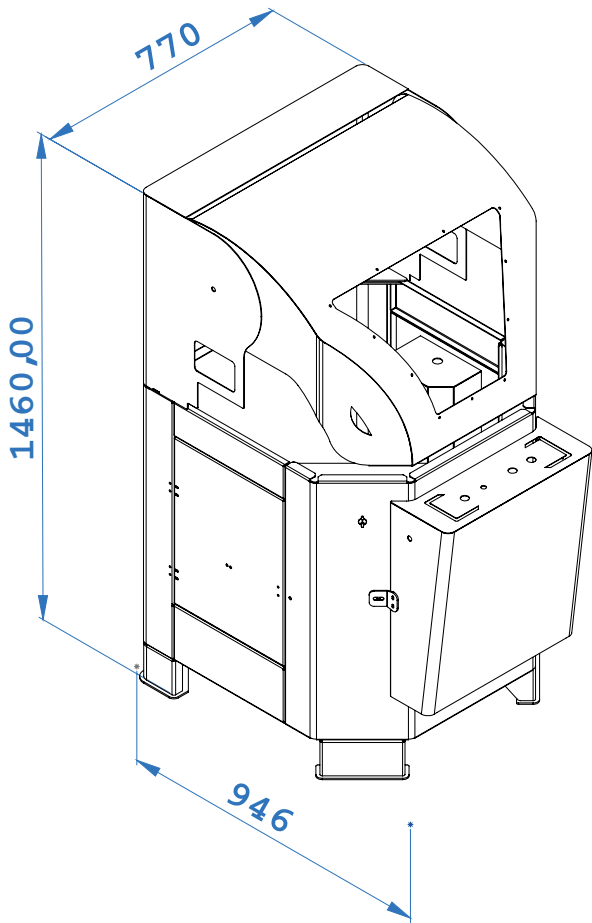
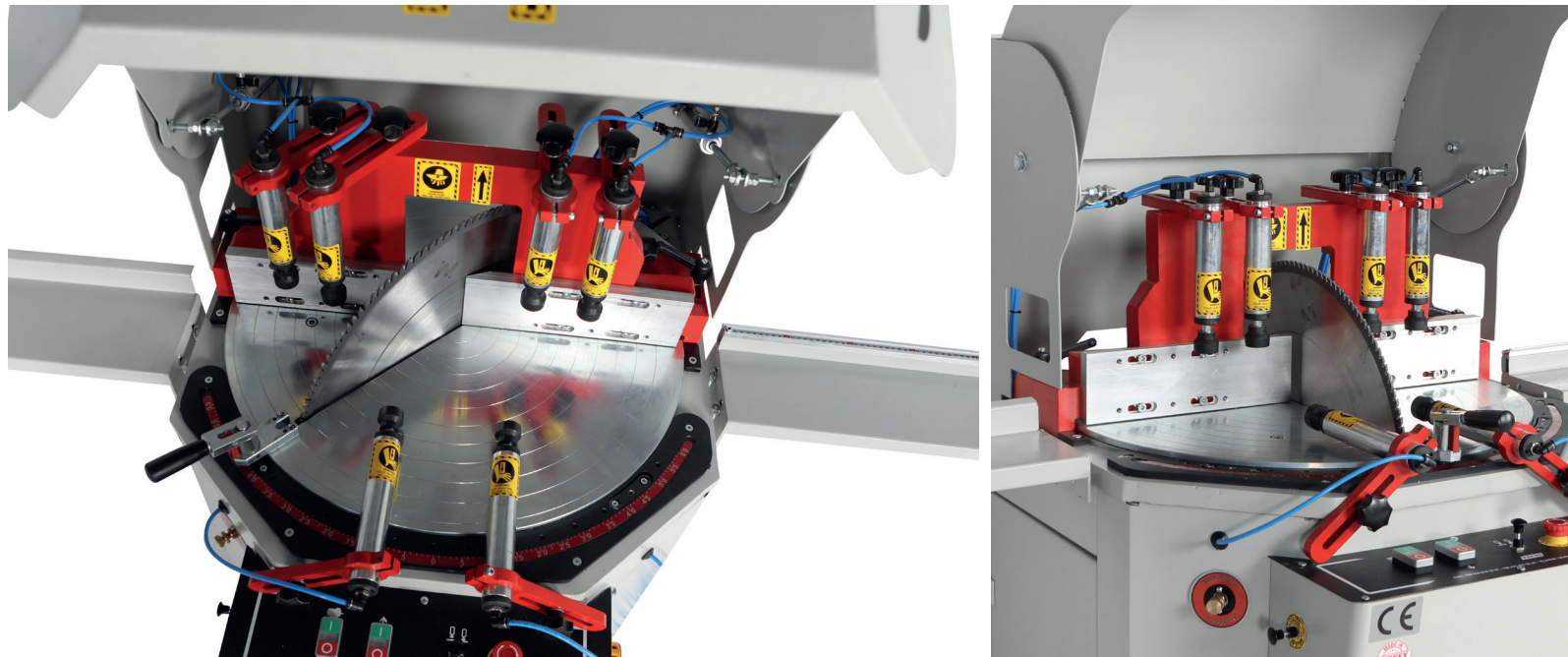


				
V : 400 kW : 2,2 A : 3.3	6-8 bar 41/l/syc	420 kg.	1x2.2 kW 2810 rpm	ØD 600 mm Ød 32 mm b 4,2 x 3,4 mm z 120

OST 46

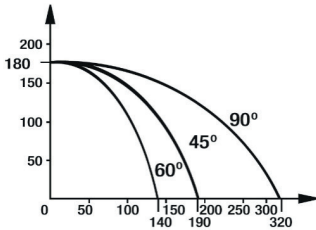
ALUMINUM & uPVC

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.

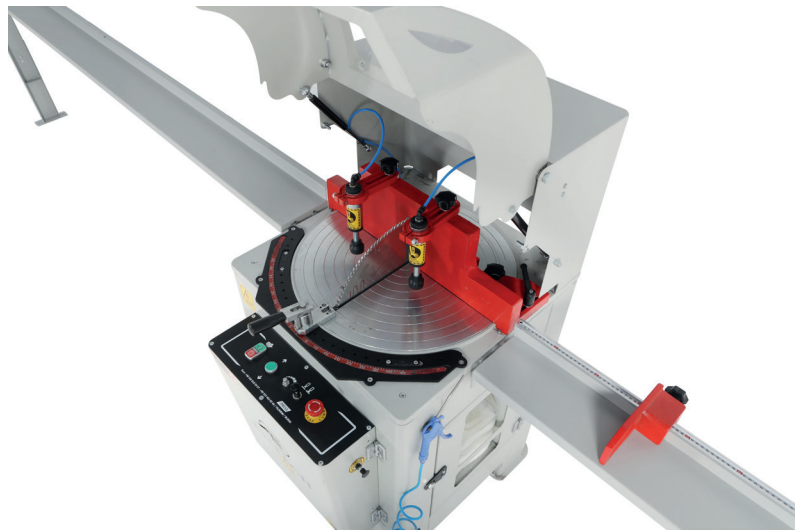
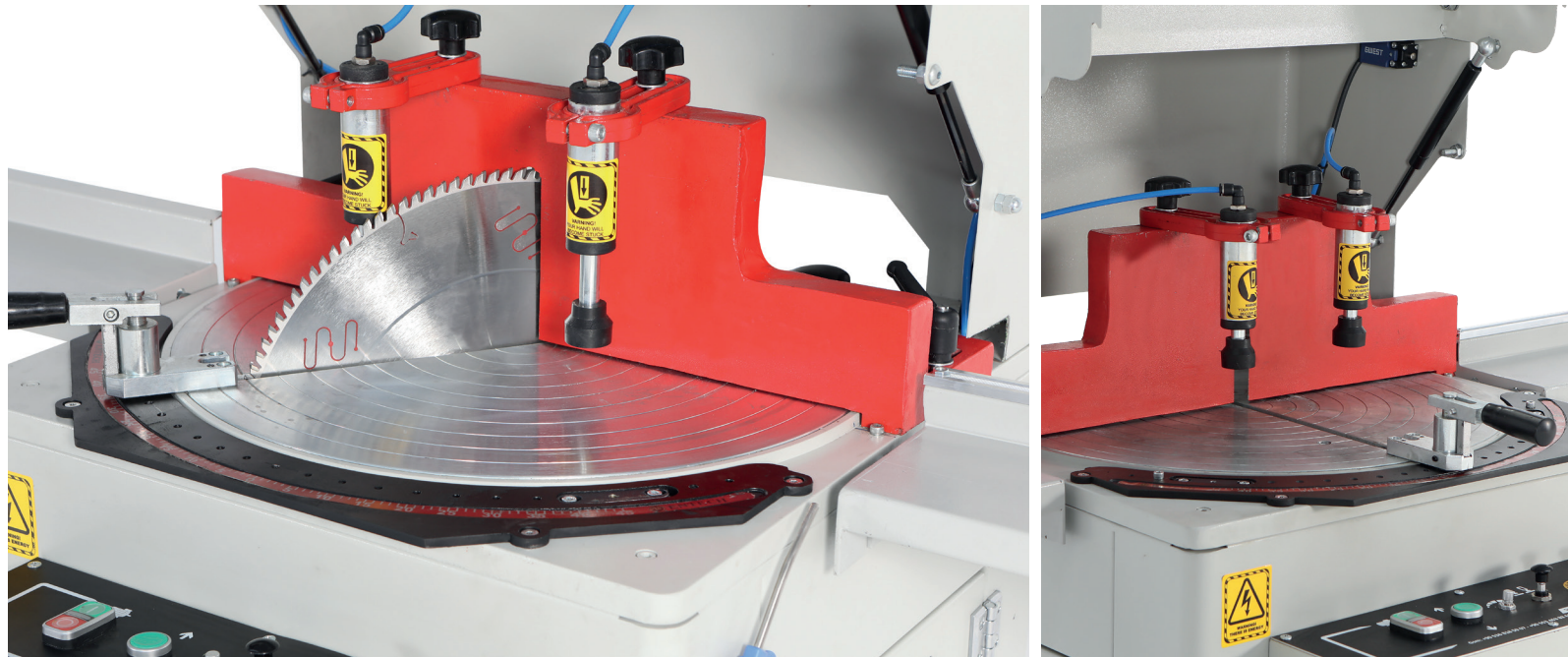


V : 400 kW : 2.2 A : 3.3	6-8 bar 41/lit/syc	420 kg.	2.2 kW 2810 rpm	ØD 600 mm Ød 30 mm b 4,2 x 3,4 mm z 120

OST 40

ALUMINUM & uPVC

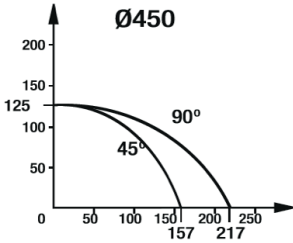
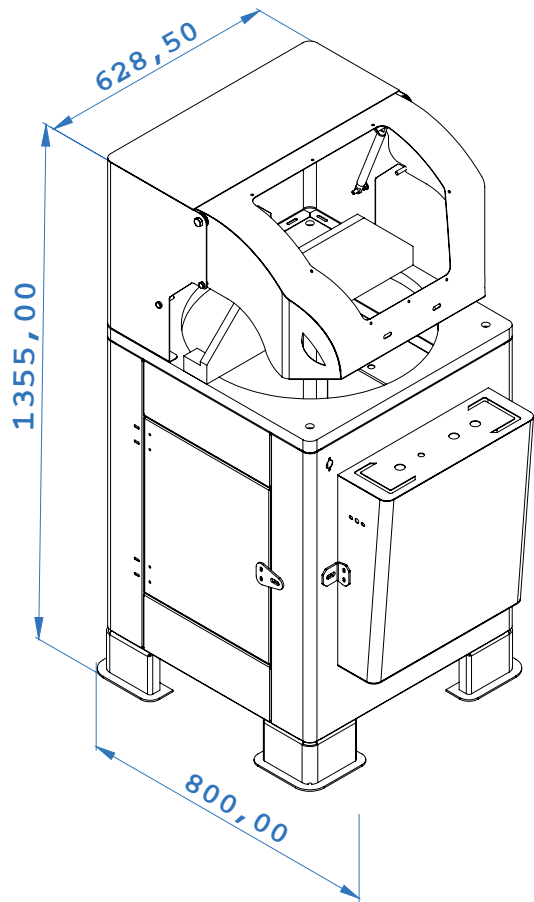
UNDERCUT CUTTING MACHINE (Ø450MM SAW)

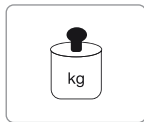
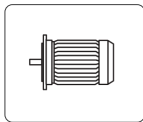
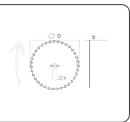


INFORMATION

- 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.



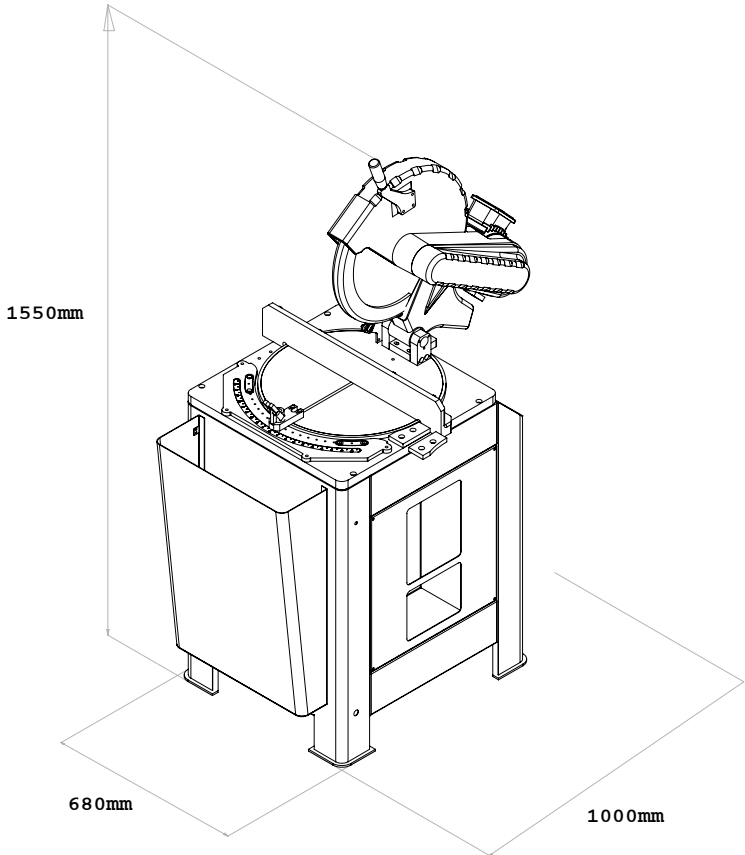
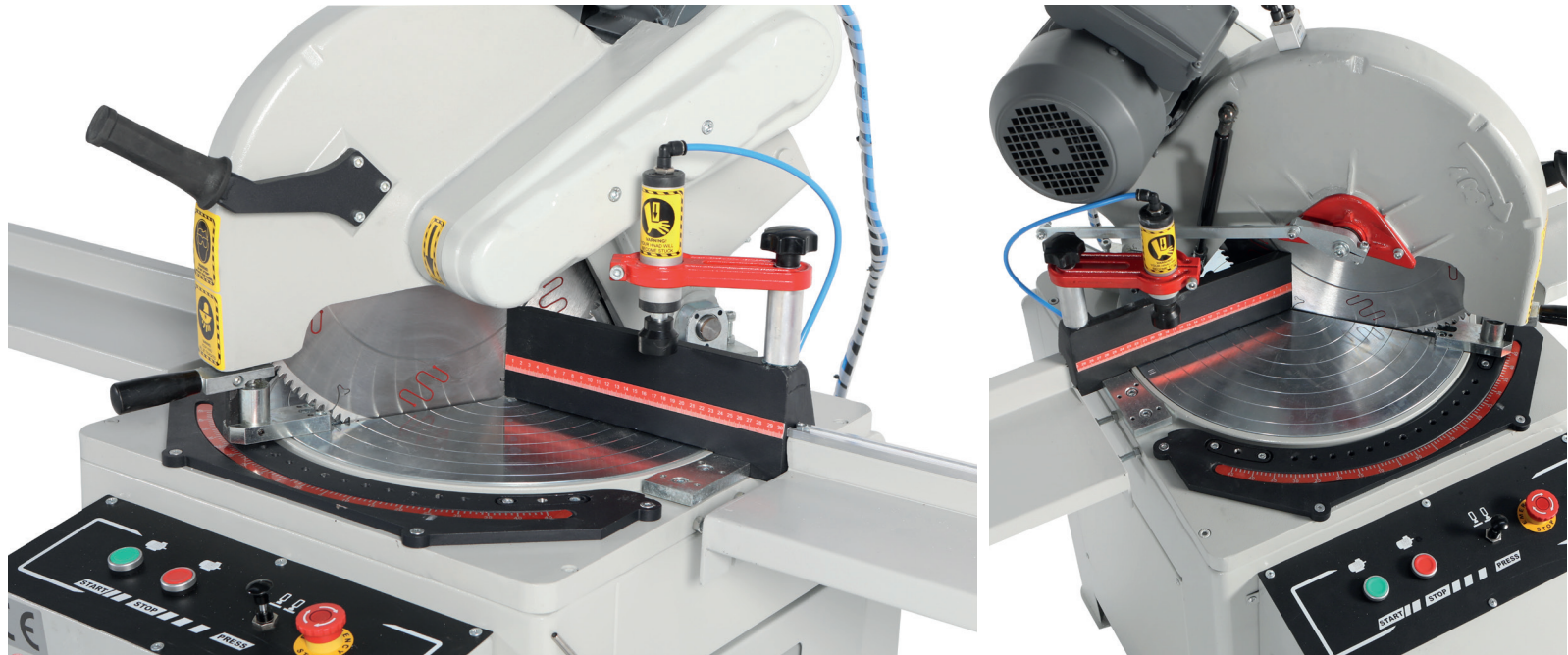
				
V : 400 kW : 2.2 A : 5	6-8 bar 41/lit/syc	230 kg.	2.2 kW 2810 rpm	ØD 450 mm Ød 30 mm b 4,2 x 3,4 mm z 120

OST 42

ALUMINUM & uPVC

MANUAL OVERHEAD CUTTING MACHINE

(Ø400MM SAW)

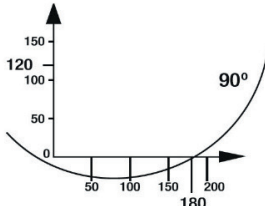
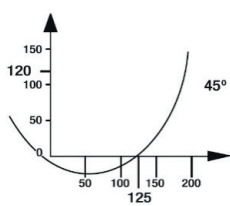


INFORMATION

- 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



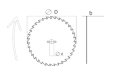
6-8 bar
9/lt/syc



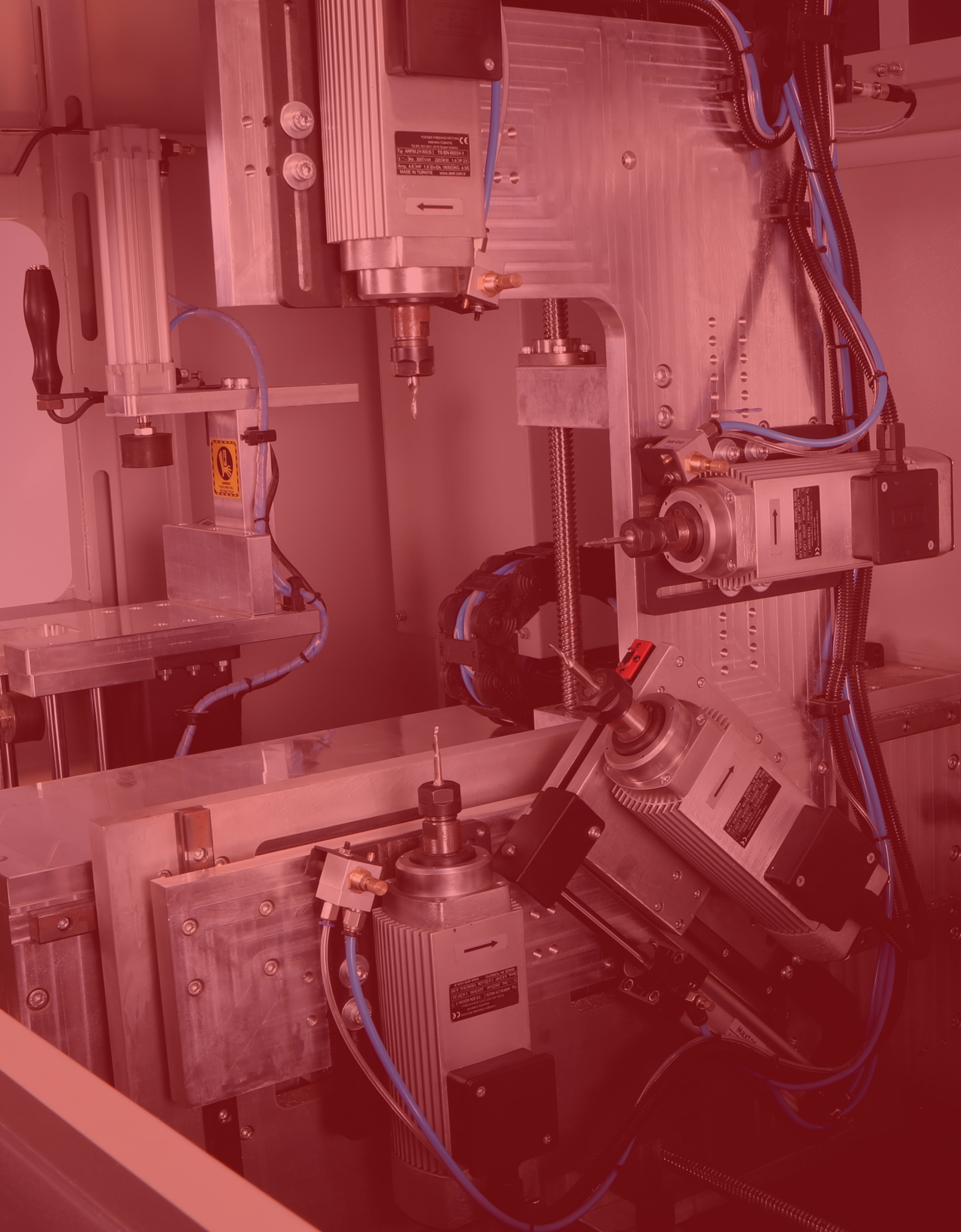
125 kg.



1.5 kW
2810 rpm



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

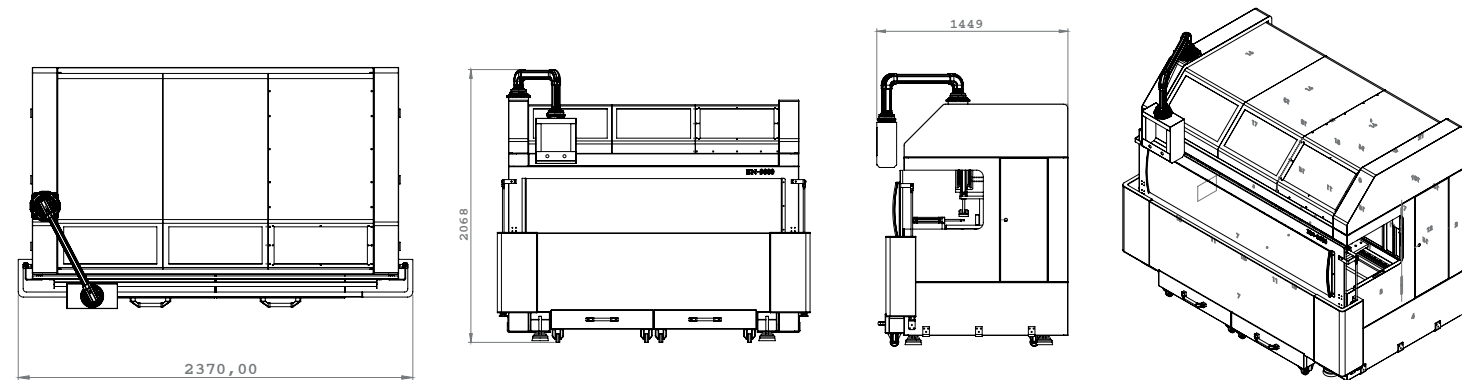
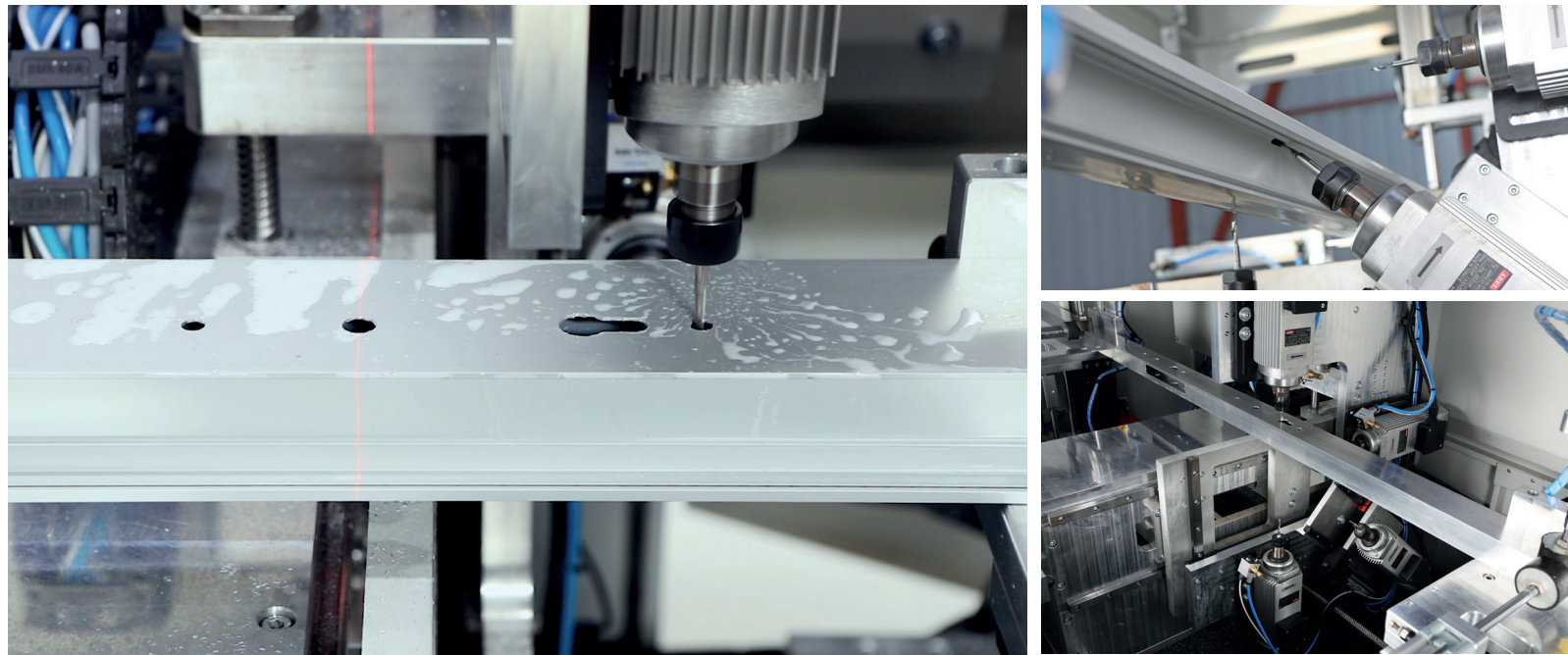


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with Visionary Design**
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OST 500

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

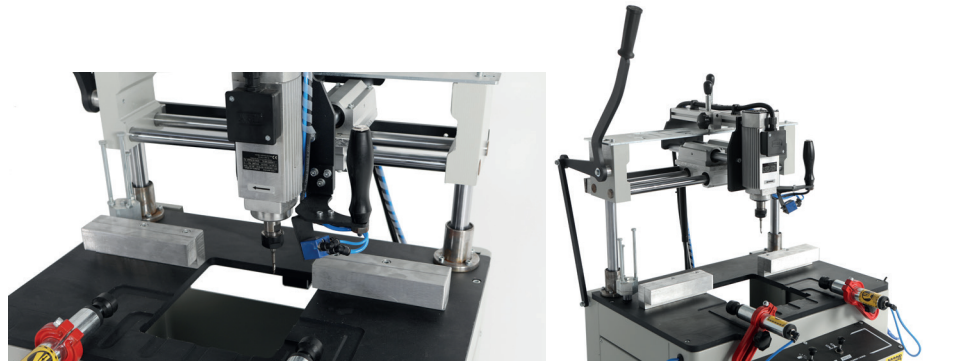
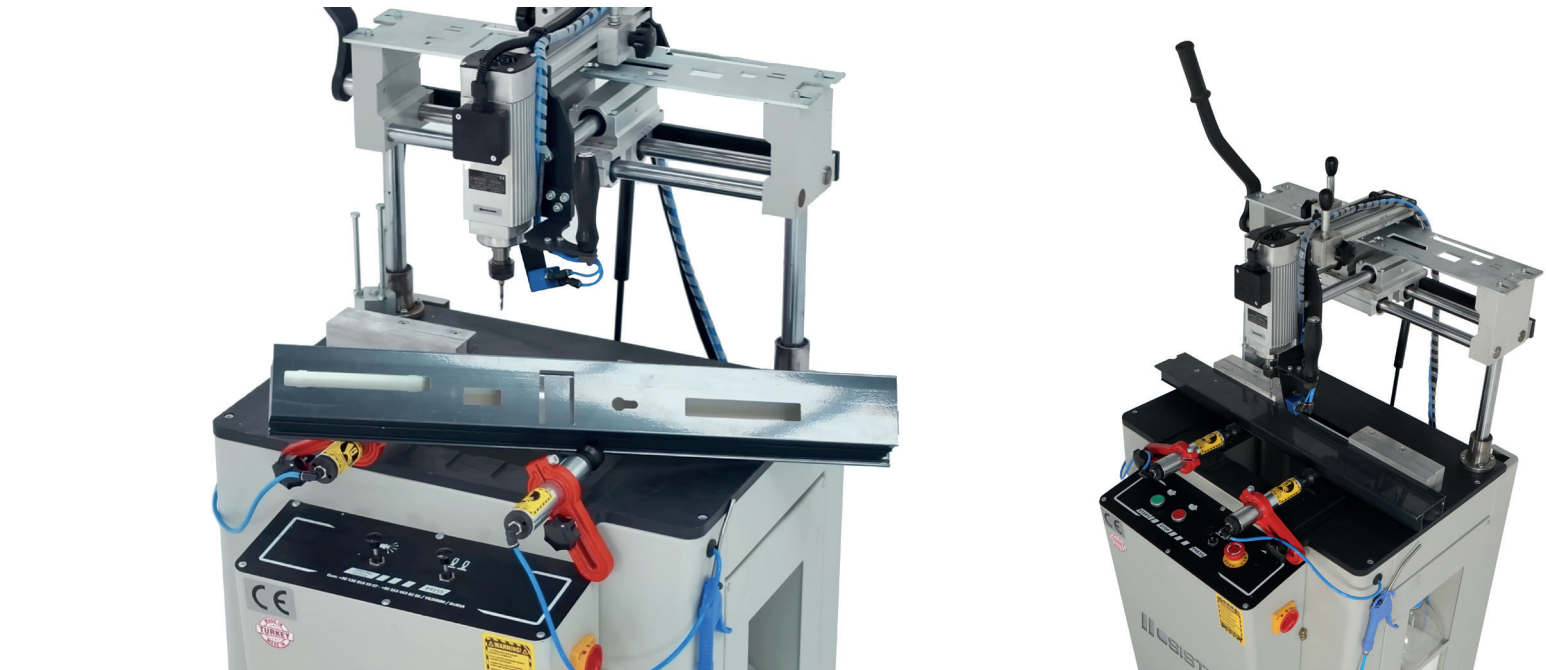


V : 220 kW : 2.84 A : 12.9	6-8 bar 20/lt/syc	600 kg.	4x1.4 kW 18000 rpm	A min : 30 mm A max : 105 mm B min : 50 mm B max : 125 mm	X : 800 mm Y : 350 mm Z : 350 mm

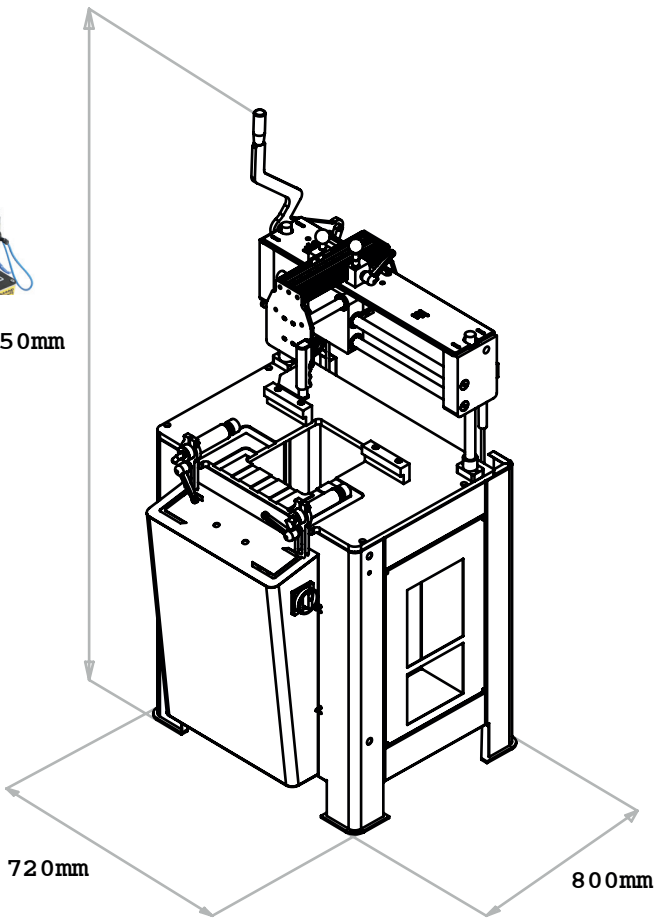
OST 50

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)

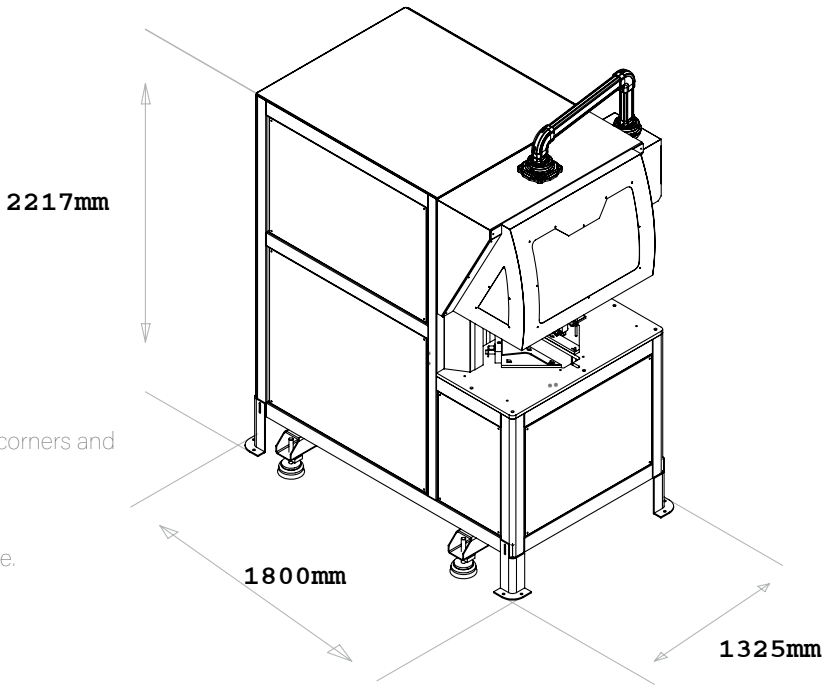


V : 220 kW : 1.4 A : 6.3	6-8 bar 20/l/syc	120 kg.	1.4 kW 18000 rpm

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

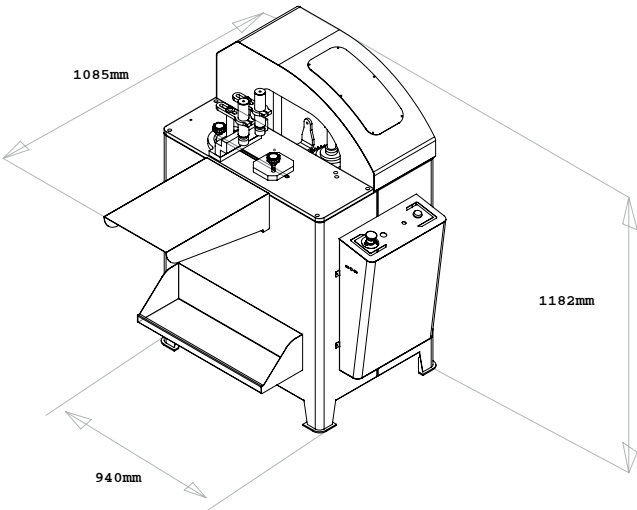
AUTOMATIC END MILLING MACHINE



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

AUTOMATIC CUTTING MACHINE



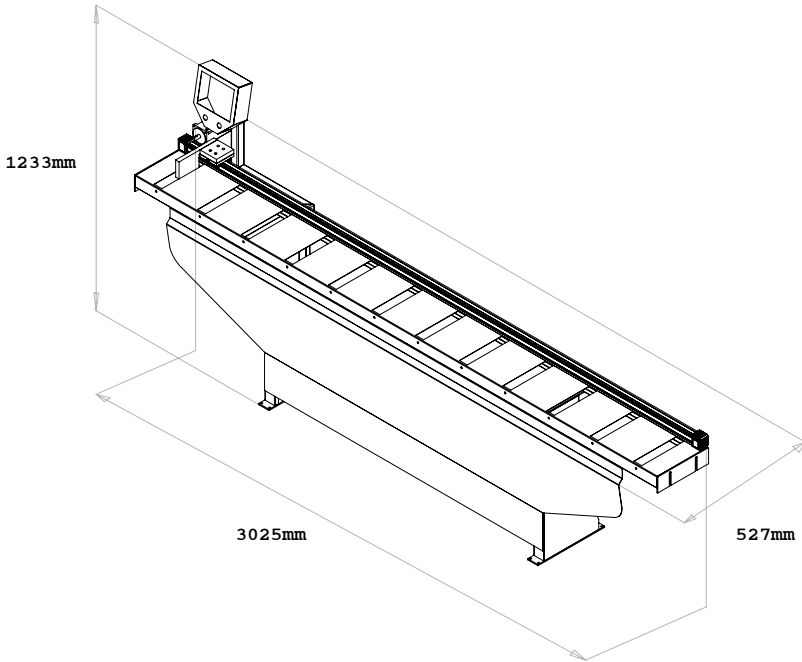
INFORMATION



OST 70

AUTOMATIC SERVO CONTROL

DIGITAL MEASURING TABLE



INFORMATION

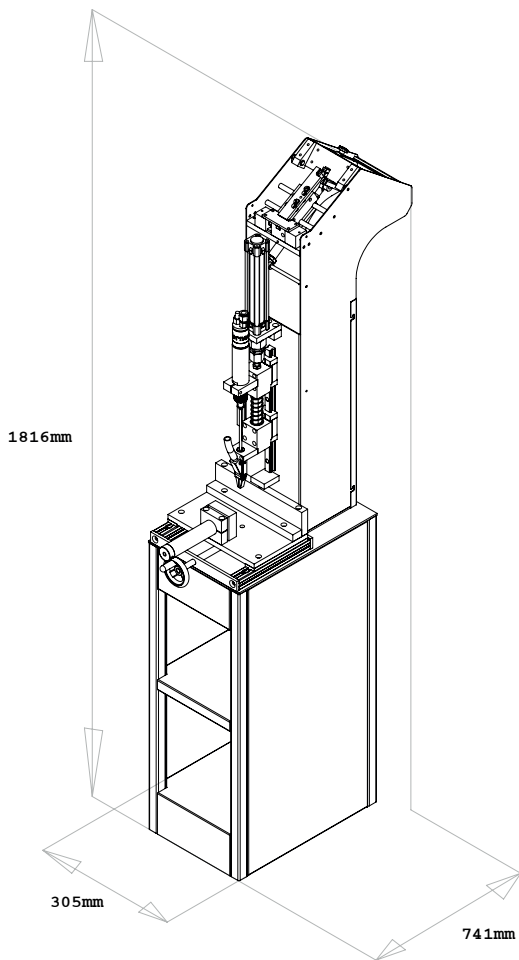
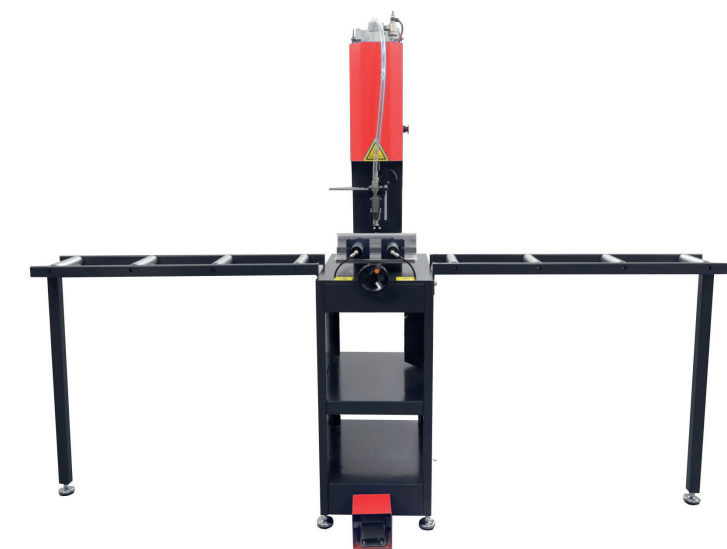
- 3/6 meters lenght
- With servo-controlled measurement, ± 0.1 mm precision
- Conveyor opening feature for easy retrieval of the cut material
- Easily operable cutting with a 7" touchscreen



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

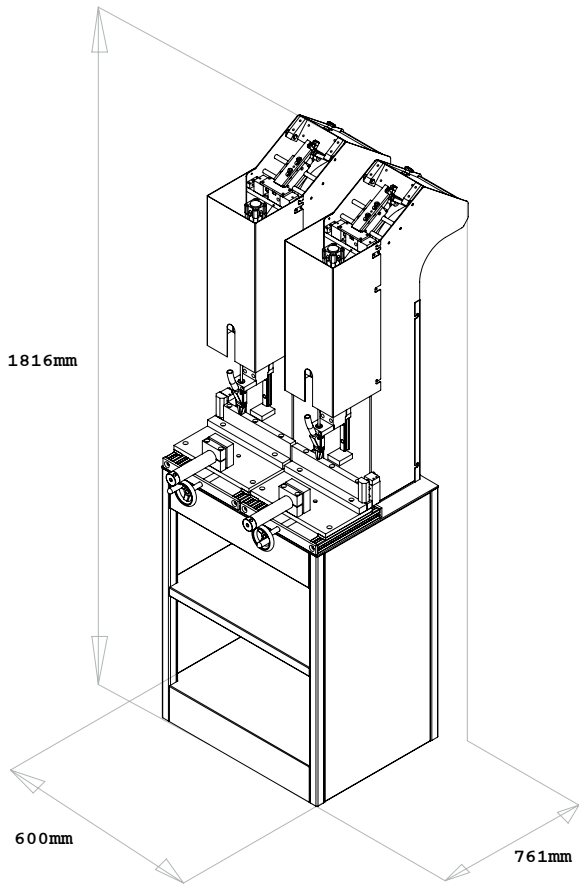
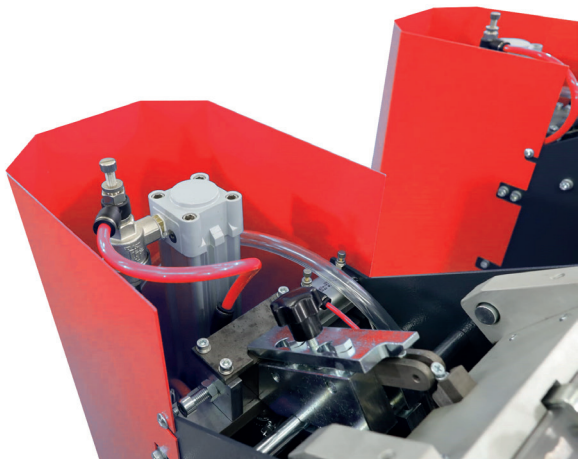


6-8 bar 16/lt/syc	110 kg.	Min : 3,9 x 16 Max : 4,2 x 38	rpm = 2360 mm n max = 2,59 mm	speed = 1.7 sec/piece

OST 800

AUTOMATIC

DOUBLE HEAD SCREWING MACHINE

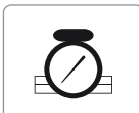
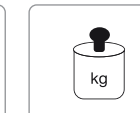
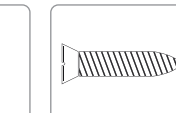
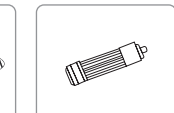
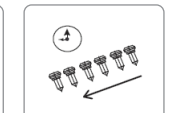


INFORMATION

- 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

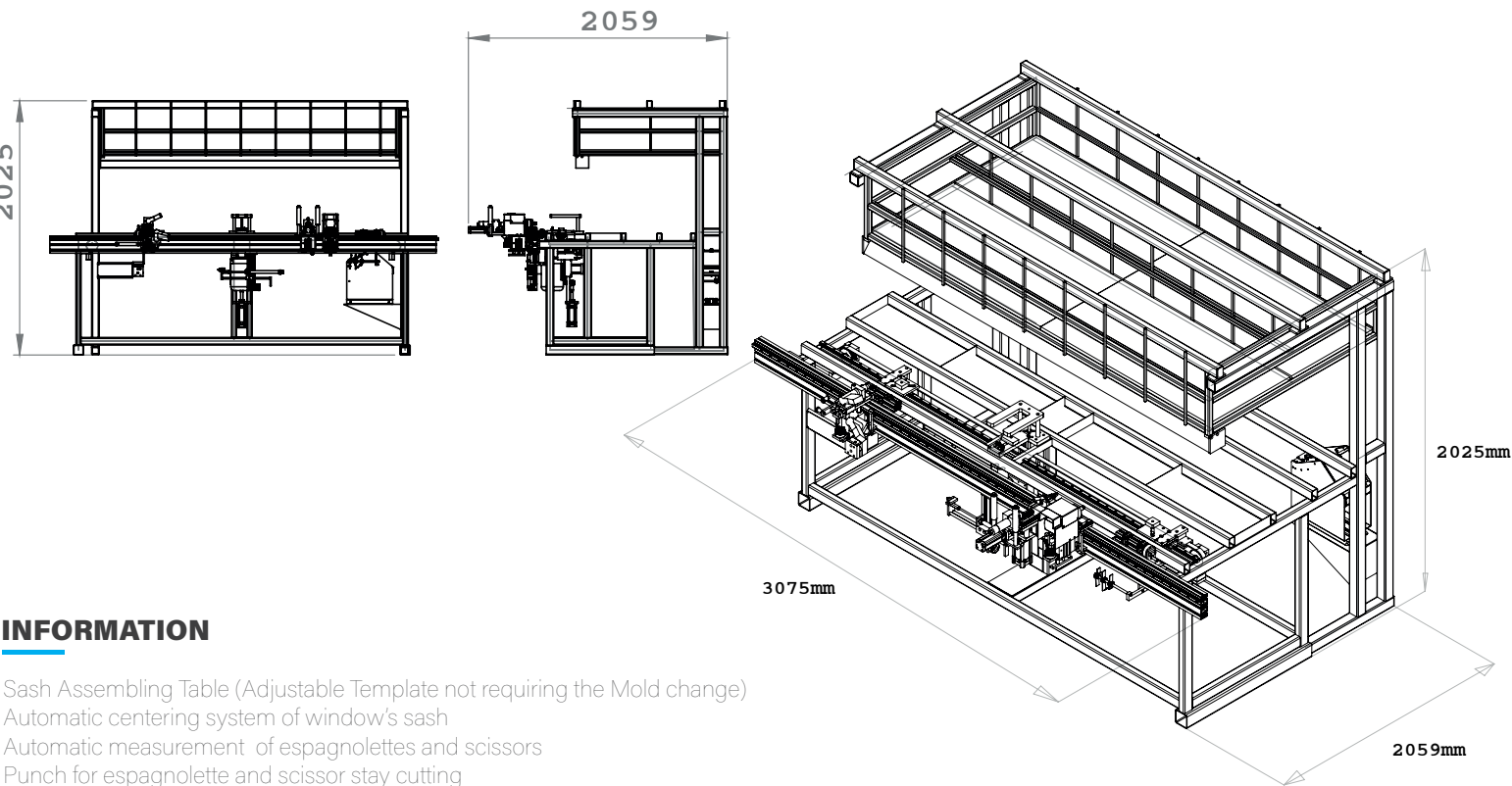
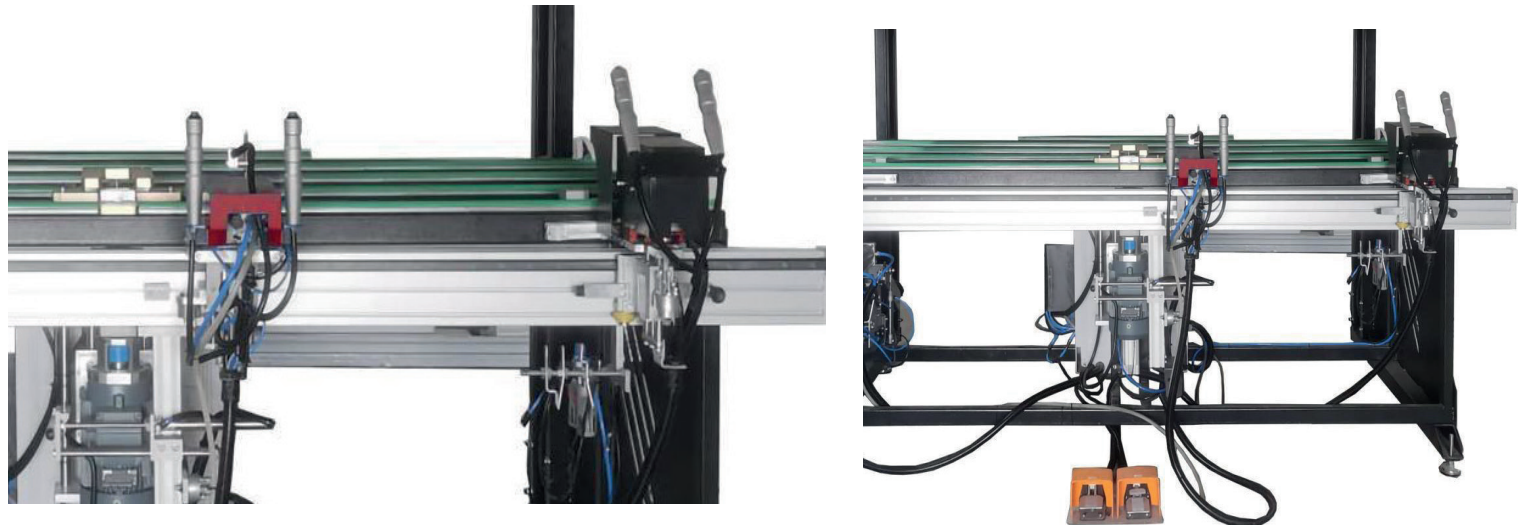


				
6-8 bar 32/lt/syc	140 kg.	Min : 3,9 x 16 Max : 4,2 x 38	rpm = 2360 mm n max = 2,59 mm	speed = 1.7 sec/piece

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)

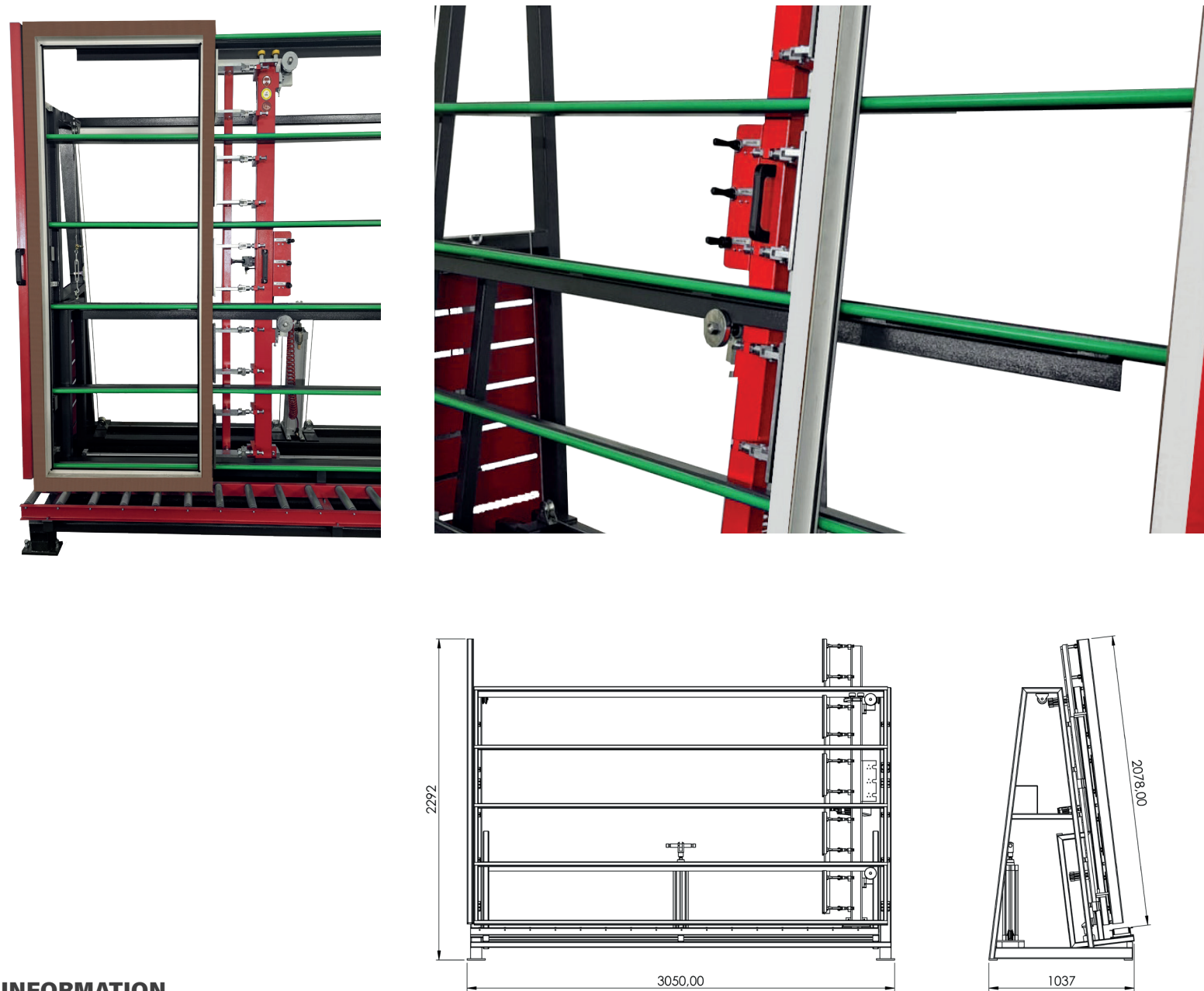


V : 400 kW : 3	6-8 bar 250/lit/syc	460 kg.	Min : 3,9 x 16 Max : 4,2 x 38	rpm = 2360 mm n max = 2,59 mm	speed = 1.7 sec/piece

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*

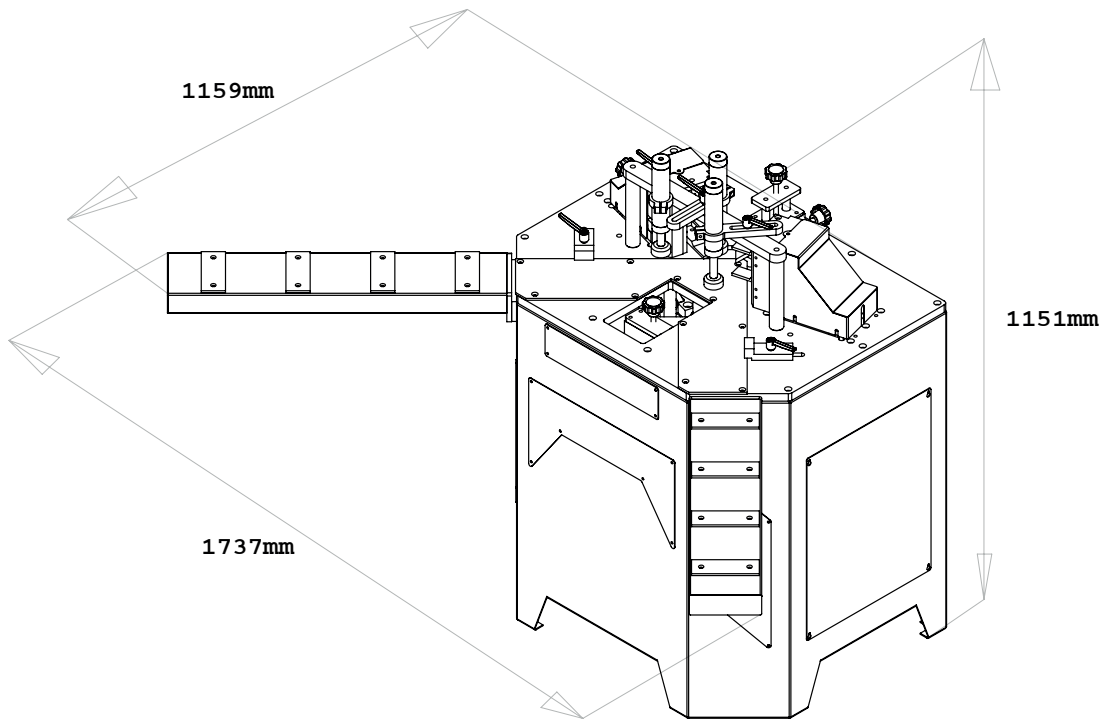
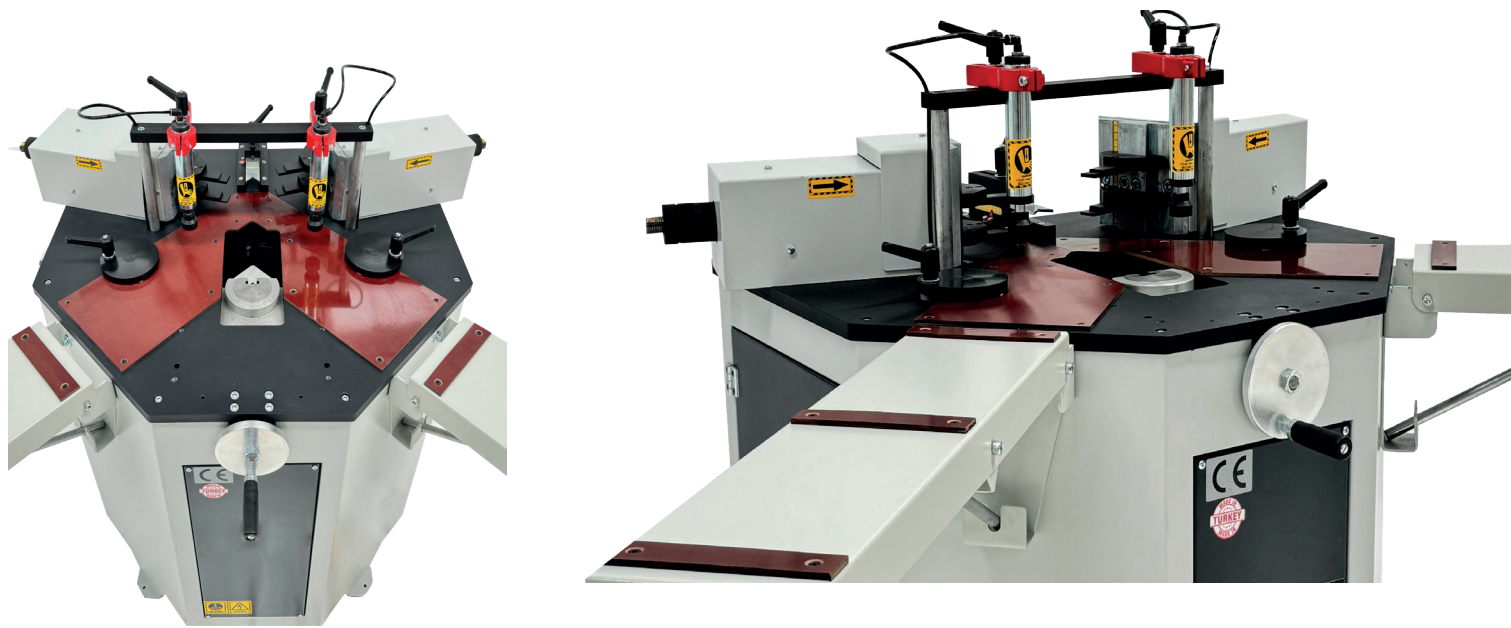


6-8 bar 50/lt/syc	375 kg.	H = 2292 mm W = 3050 mm D = 1025 mm	a min = 300 mm b max = 2700 mm

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.

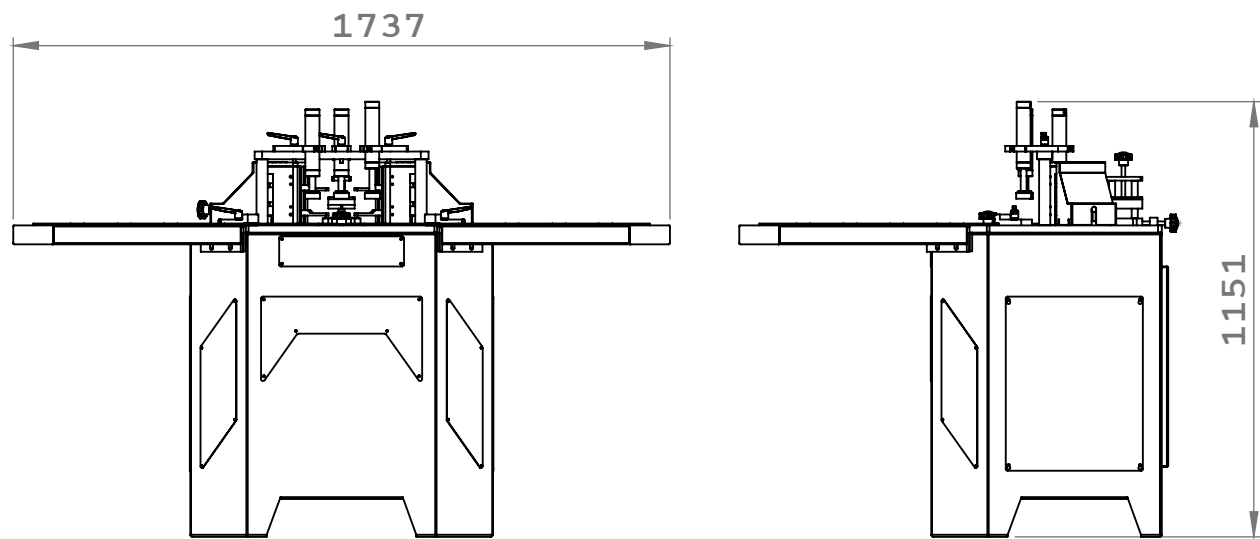
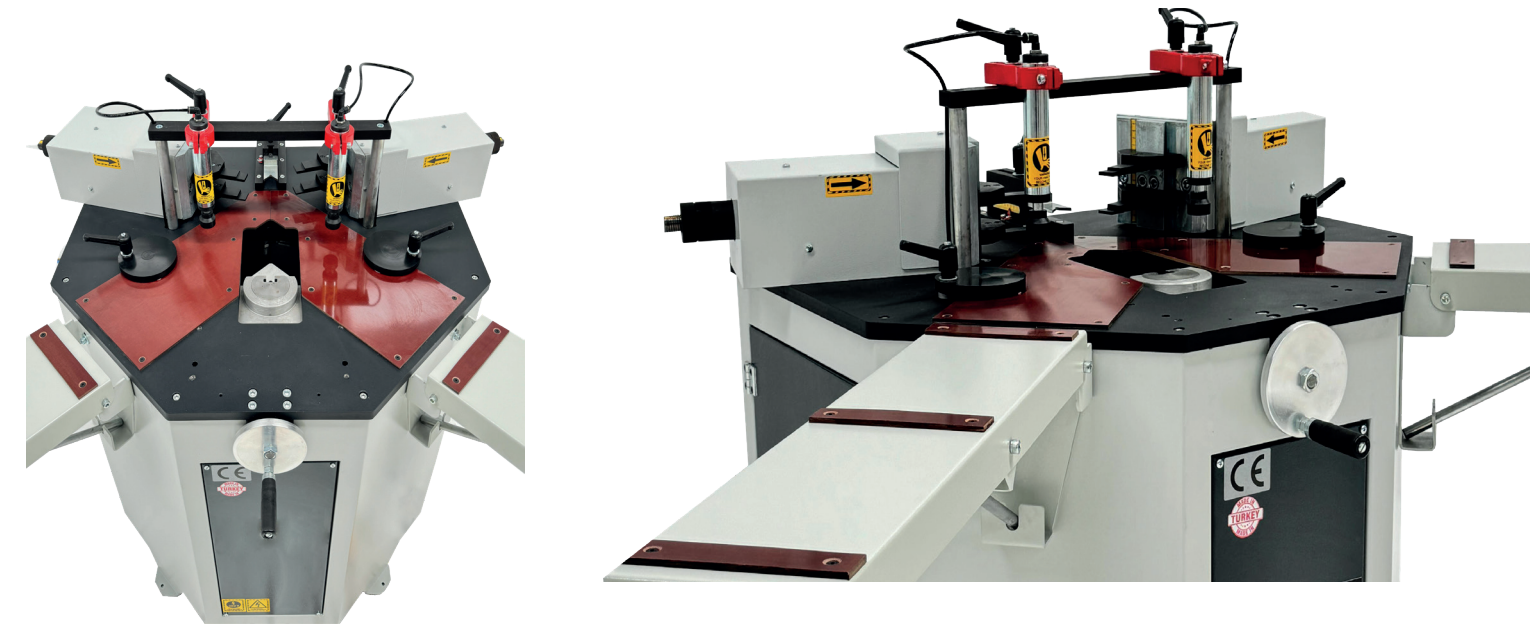


			
6-8 bar 55/lt/syc	360 kg.	H = 1325 mm W = 2525 mm D = 1700 mm	Crimping tools stroke kg*f 6500

OST 10AX

HYDRALIC ALUMINIUM

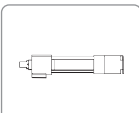
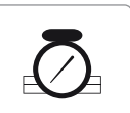
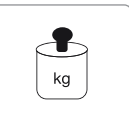
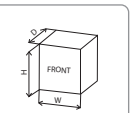
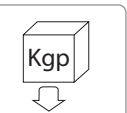
CORNER CRIMPING MACHINE



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

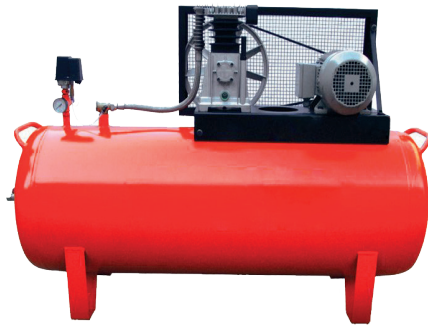
INFORMATION

- 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



**Optimized responses
for complex challenges!**
Follow OSISTECH for
cutting-edge solutions