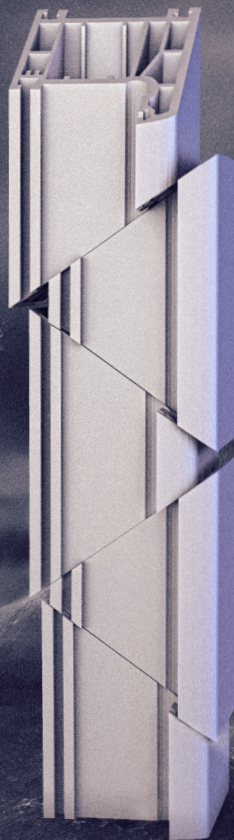


The logo for Löwetechnik, featuring a stylized graphic of three slanted parallel lines in green, white, and red to the left of the word "LÖWETECH" in a bold, white, sans-serif font.

LÖWETECH



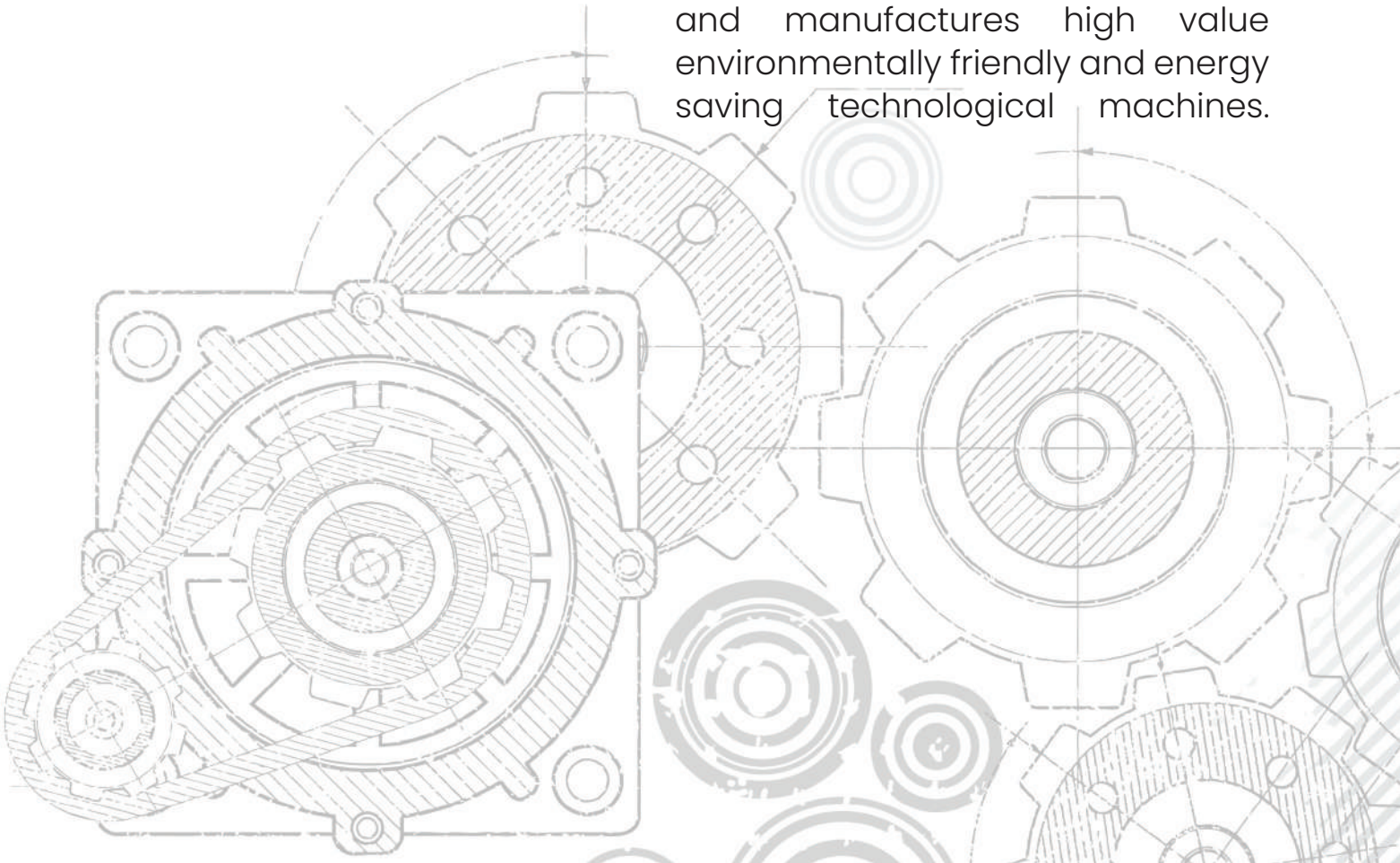
WHAT HAPPENS WHEN
MASTERY & SPEED
COME TOGETHER?



"INTEL MAKINA INDUSTRY AND TRADING CORP."

It incorporated Intel Makina A.Ş. Producing solutions covering all processes in uPvc and Aluminum automation. Intel Makina A.Ş., to increase the working efficiency of factories and the comfort of employees continues to improve its superior technology day by day.

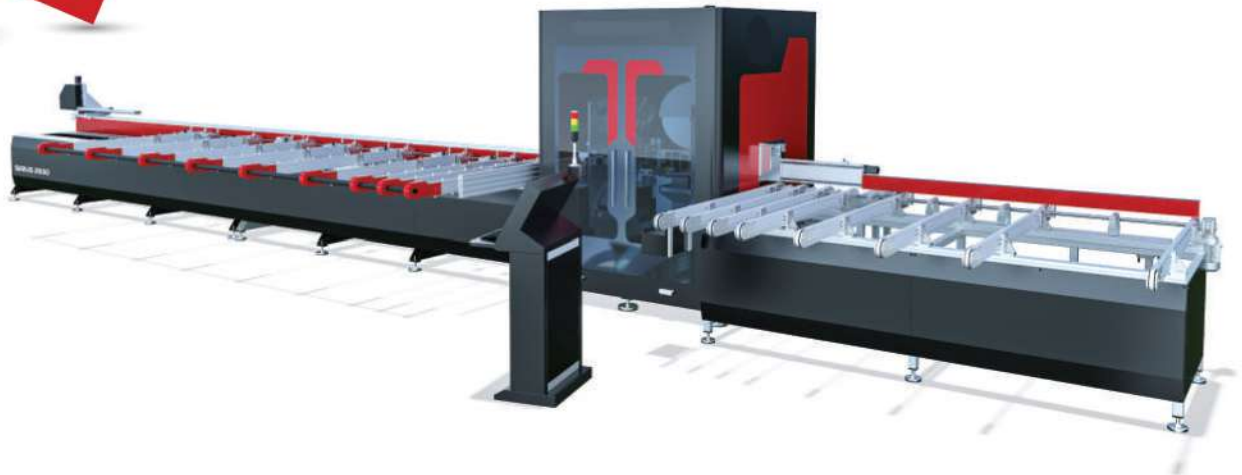
By constantly monitoring new trends and customer expectations, having advanced technology, designs and manufactures high value environmentally friendly and energy saving technological machines.



LWT - 550	
Pvc Profile Machining and Cutting Center	
LWT MD - 7000	10-11
Pvc Profile Machining and Cutting Center	
LWT C - 550	12-13
Pvc Profile Cutting Center	
LWT - 3000	14-15
PVC Welding and Cleaning Center	
LWT F - 4	16-17
Pvc Four Corner Welding Machine	
LWT S - 500	18-19
Automatic Double Head Reinforcement Steel Screwing Machine	
LWT CC - 1000	20-21
CNC PVC Profile Corner Cleaning Machine	
LWT CC - 500	22-23
CNC PVC Profile Corner Cleaning Machine	
LWT S - 6000	24-25
Double Head Mitre Saw Servo Angled	
LWT P - 6000	26-27
Double Head Mitre Saw Pneumatic Control/Angles	
LWT - 5500	28-29
Double Head Cutting Machine 45/90 Automatic/Intermediate Degree	
LWT - 5000	30-31
Automatic Sawing Machine	
LWT D - 5000	32-33
Automatic Sawing Machine With Drilling Unit	
LWT - 7000	34-35
Upcut Miter Saw	
LWT V - 4000	36-37
uPVC V Type Single Head Cutting Machine	
LWT - 2000	38-39
Aluminium Facade Notching Machine	
LWT - 1800	40-41
uPVC V Welding Machine	
LWT CC - 200	42-43
Aluminium Corner Crimping Machine	
LWT V - 200	44-45
Four Head V Type Welding Machine	

LWT - 550

Pvc Profile Machining
and Cutting Center



LWT - 550

Pvc Profile Machining and Cutting Center

LÖWETECH Pvc Profile Machining and Cutting Center are the only machines in this regard due to their durability and reliability features.

It is ideal for cutting aluminum and PVC profiles of different thicknesses and angles. These latest generation machines make a significant contribution to the production line phases thanks to their extremely clear and easy use in the cutting process. **LWT - 550** All sawing, milling, drilling and marking operations on PVC profiles are gathered in one machine controlled by a computer.

TECHNICAL DETAILS

Electric Values	380-400V, 3ph, 50-60 Hz	Machine Weight	4500 Kg
Total kW Value	25 kW	Max. Profile Thickness Can Be Cut	130 mm
Motor Power	1.5 kW	Max. Profile Height Can Be Cut	160 mm
Air Consumption	450 lt/min	Min. Profile Thickness Can Be Cut	30 mm
Air Pressure	6-8 Bar	Min. Profile Height Can Be Cut	35 mm
Minimum Workable Profile Length	350 mm	Saw Outside Diameter	1 Piece Ø550
Maximum Workable Profile Length	7000 mm	Saw Inside Diameter	Ø30
Max. Length of Profile Can Be Loaded	7000 mm	Saw Thickness	4,2 mm
Machine Height	2400 mm	Number of Saw Teeth	120
Machine Length	13950 mm	Number of Saws Used	1
Machine Width	2750 mm	Saw Speed	3000 rpm
		Drillers Speed	9 x 18000 rpm

CONTROL

Automatic cutting in all angles between 30° and 150° with accuracy of 0,1° by means of servo motors

Stacking of 9 profiles (max 7 m length)

Industrial PC with Windows XP embedded which works between 0°C – 55°C without fan 21"

Data transfer is available via network and connection or USB interface

Thanks to its easy-to-use and flexible operating system, all works in harmony with chopping and optimization programs.

There is a working algorithm in accordance with the principle of minimum waste and maximum production.

Waste can be automatically optimized and evaluated within the cut lists sent.

Parameters can be adjusted easily.

Usb login

PROFILE ENTRY UNIT

9 Profiles can be loaded on the input conveyor.

Profile loading capacity can be increased optionally

Profile transport and positioning, automatic profile recognition feature.

Minimum 900 mm., Maximum 7000 mm. It measures the profile length automatically. (There is an infinite length processing option)

There is a warning system that prevents the wrong profile.

Ability to back-up daily data on internal storage unit

Central lubrication system to ease the machine maintenance

Problem identification, solution and servicing by means of remote connections

Ability to notify the user against incorrect loaded profile thanks to profile recognition system

PROFILE EXIT UNIT

Exit robot automatically transfers onto the conveyor

If desired, a label from the barcode printer for each finished piece by taking the printout, convenience can be provided for production organization

(OPTIONAL)

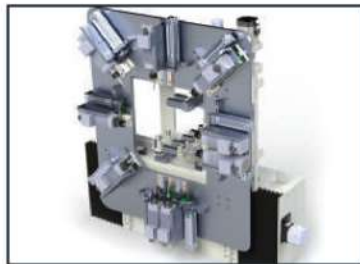
INDUSTRIAL LABEL PRINTER

The industrial label printer allows to recognize each cut profile according to its characteristics found in the cutting list.

In addition, writing code on them makes it extremely convenient to easily find the order ID of each profile and especially for subsequent transactions.



Industrial PC



Drilling and Milling Group



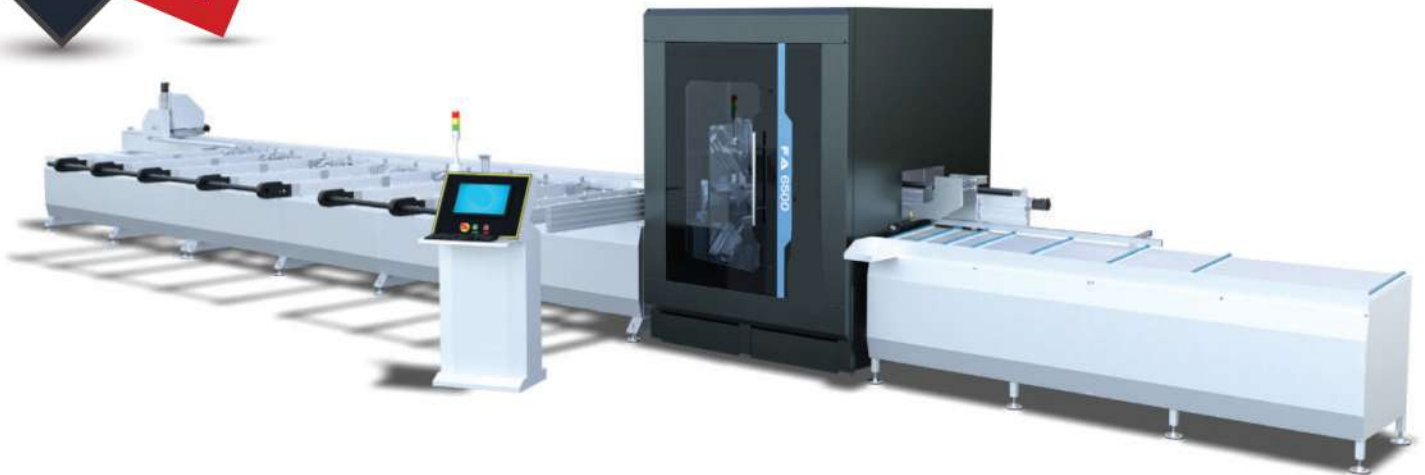
Barcode Printer



Pneumatic Profile Exit Unit

LWT MD - 7000

Pvc Profile Machining
and Cutting Center



LWT MD - 7000

Pvc Profile Machining and Cutting Center

LÖWETECH Pvc Profile Machining and Cutting Center are the only machines in this regard due to their durability and reliability features. It is ideal for cutting aluminum and PVC profiles of different thicknesses and angles. These latest generation machines make a significant contribution to the production line phases thanks to their extremely clear and easy use in the cutting process. **LWT MD 7000** all sawing, milling, drilling and marking operations on PVC profiles are gathered in one machine controlled by a computer.

TECHNICAL DETAILS

Electric Values	380-400V, 3ph, 50-60 Hz	Machine Weight	4400 Kg
Total kW Value	23 kW	Max. Profile Thickness Can Be Cut	130 mm
Motor Power	1.5 kW	Max. Profile Height Can Be Cut	160 mm
Air Consumption	450 lt/min	Min. Profile Thickness Can Be Cut	30 mm
Air Pressure	6-8 Bar	Min. Profile Height Can Be Cut	35 mm
Minimum Workable Profile Length	350 mm	Saw Outside Diameter	1 Piece Ø550
Maximum Workable Profile Length	7000 mm	Saw Inside Diameter	Ø30
Max. Length of Profile Can Be Loaded	7000 mm	Saw Thickness	4,2 mm
Machine Height	2400 mm	Number of Saw Teeth	120
Machine Length	13950 mm	Number of Saws Used	1
Machine Width	2750 mm	Saw Speed	3000 rpm
		Drillers Speed	5 x 18000 rpm

CONTROL

Automatic cutting in all angles between 30° and 150° with accuracy of 0,1° by means of servo motors

Stacking of 9 profiles (max 7 m length)

Industrial PC with Windows XP embedded which works between 0°C – 55°C without fan 21,5 “

Data transfer is available via network and connection or USB interface

Thanks to its easy-to-use and flexible operating system, all works in harmony with chopping and optimization programs.

There is a working algorithm in accordance with the principle of minimum waste and maximum production.

Waste can be automatically optimized and evaluated within the cut lists sent.

Parameters can be adjusted easily.

Usb login

PROFILE ENTRY UNIT

9 Profiles can be loaded on the input conveyor.

Profile loading capacity can be increased optionally

Profile transport and positioning, automatic profile recognition feature.

Minimum 900 mm., Maximum 7000 mm. It measures the profile length automatically. (There is an infinite length processing option)

There is a warning system that prevents the wrong profile.

Ability to back-up daily data on internal storage unit

Central lubrication system to ease the machine maintenance

Problem identification, solution and servicing by means of remote connections

Ability to notify the user against incorrect loaded profile thanks to profile recognition system

PROFILE EXIT UNIT

Exit robot automatically transfers onto the conveyor

If desired, a label from the barcode printer for each finished piece by taking the printout, convenience can be provided for production organization

(OPTIONAL)

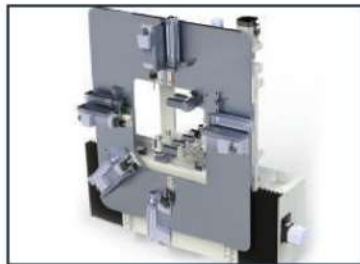
INDUSTRIAL LABEL PRINTER

The industrial label printer allows to recognize each cut profile according to its characteristics found in the cutting list.

In addition, writing code on them makes it extremely convenient to easily find the order ID of each profile and especially for subsequent transactions.



Industrial PC



Drilling and Milling Group



Barcode Printer



Pneumatic Profile Exit Unit

LWT C -550

Pvc Profile Cutting Center



LWT C - 550

Pvc Profile Cutting Center

LÖWETECH Pvc Profile Cutting Center are the only machines in this regard due to their durability and reliability features. It is ideal for cutting aluminum and PVC profiles of different thicknesses and angles. These latest generation machines make a significant contribution to the production line phases thanks to their extremely clear and easy use in the cutting process. **LWT C 550** All sawing, operations on PVC profiles are gathered in one machine controlled by a computer.

TECHNICAL DETAILS

Electric Values	380-400V, 3ph, 50-60 Hz	Machine Weight	4250 Kg
Total kW Value	15 kW	Max. Profile Thickness Can Be Cut	130 mm
Motor Power	1.5 kW	Max. Profile Height Can Be Cut	160 mm
Air Consumption	380 lt/min.	Min. Profile Thickness Can Be Cut	30 mm
Air Pressure	6-8 Bar	Min. Profile Height Can Be Cut	35 mm
Minimum Workable Profile Length	350 mm	Saw Outside Diameter	1 Piece Ø550
Maximum Workable Profile Length	7000 mm	Saw Inside Diameter	Ø30
Max. Length of Profile Can Be Loaded	7000 mm	Saw Thickness	4,2 mm
Machine Height	2400 mm	Number of Saw Teeth	120
Machine Length	13350 mm	Number of Saws Used	1
Machine Width	2750 mm	Saw Speed	3000 rpm

CONTROL

LWT C - 550 is a servo-controlled machine which is specifically designed for the serial cutting of any kind of PVC profiles in the market.

22" Industrial PC has been used

The machine is able to cut PVC profiles into required dimension

Operator places 8 pieces of profiles of maximum length of 6.5 m and minimum length of 0.7 m on the feeding conveyor of the machine, and presses on start button

Machine start the cutting operation of the profiles with the help of high performance robot arm and saw unit as per the requested angle between the angle of 45°-135° then collocates them on the outlet conveyor.

Operator attaches barcodes on the machined profiles to make them ready for the assembly

PROFILE ENTRY UNIT

9 Profiles can be loaded on the input conveyor.

Profile loading capacity can be increased optionally

Profile transport and positioning, automatic profile recognition feature.

Minimum 900 mm., Maximum 7000 mm. It measures the profile length automatically. (There is an infinite length processing option)

There is a warning system that prevents the wrong profile.

Ability to back-up daily data on internal storage unit

Central lubrication system to ease the machine maintenance

Problem identification, solution and servicing by means of remote connections

Ability to notify the user against incorrect loaded profile thanks to profile recognition system

(OPTIONAL)

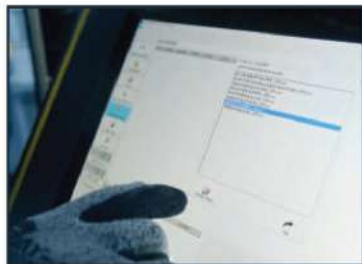
INDUSTRIAL LABEL PRINTER

The industrial label printer allows to recognize each cut profile according to its characteristics found in the cutting list.

In addition, writing code on them makes it extremely convenient to easily find the order ID of each profile and especially for subsequent transactions.



Industrial PC



Easy To use



Barcode Printer



Pneumatic Profile Exit Unit

LWT - 3000

PVC Welding and
Cleaning Center

LÖWETECH



LWT - 3000

PVC Welding and Cleaning Center

LÖWETECH PVC Welding and Cleaning Center Four Corner Welding and CNC Corner Cleaning Automation Line Four Corner Welding Machine is formed by the integration of Cooling and Holding Station, Robotic Turning Station and CNC Corner Cleaning Machine.

After the frame is welded and passed through the cooling and waiting station, turning all the corners with the robotic turning system and cleaning all the slags formed during welding, controlling all the stages with the computer system.

WELDING

It welds the four corners of PVC Profiles at 90° angle at the same time and with high precision. In automatic generation mode, the window works in accordance with the data received from the drawing program. It has a computer-controlled (PID) heat control system in order to obtain welding strength within the standards.

For each profile type, there is a separately definable temperature, melting and bonding time. It distributes the heat homogeneously to the long-lasting heating plate system, with its unique design, without being affected by the working environment. The preheated welding blades ensure good welding even in cold weather conditions. Welding molds can be changed quickly and easily. Axes are servo motor controlled.



**COOLING AND
BUFFER STATION**

Works between a corner cleaner and a welding machine.

**TURNING STATIONS WITH
THE ROBOTIC ARMS**

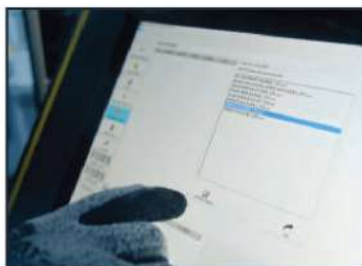
High speed and high accuracy turning operation via a robotic system with strong and fast mechanical turning arms.

**CNC PVC PROFILE
CORNER CLEANING MACHINE**

Designed to clean the corners of PVC profiles from welding seals.



Industrial PC



Easy To use



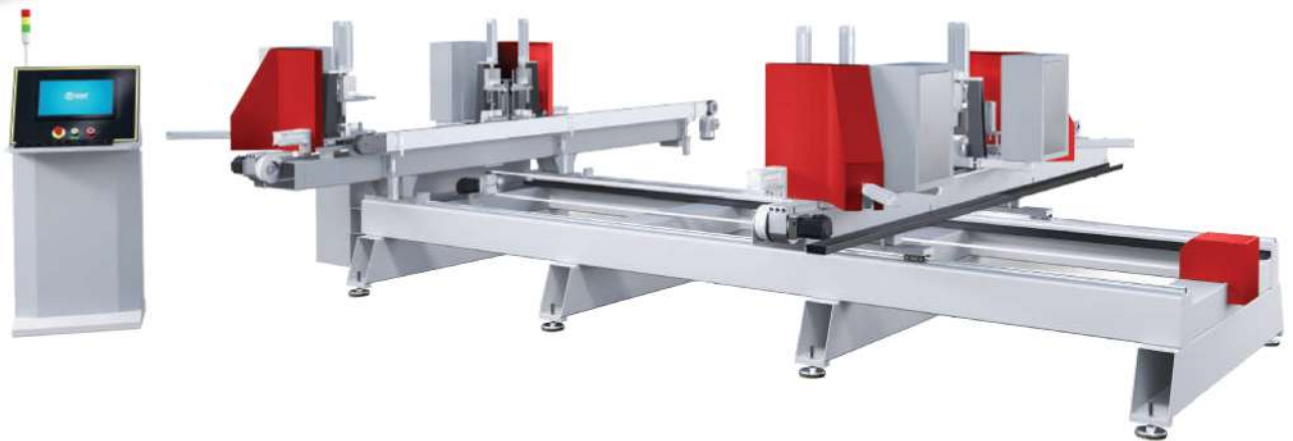
Barcode Printer



Precision Welding

LWT F 4

Pvc Four Corner
Welding Machine



LWT F - 4

Pvc Four Corner Welding Machine

It welds the four corners of PVC Profiles at 90° angle at the same time and with high precision. In automatic generation mode, the window works in accordance with the data received from the drawing program. It has a computer-controlled (PID) heat control system in order to obtain welding strength within the standards.

For each profile type, there is a separately definable temperature, melting and bonding time. It distributes the heat homogeneously to the long-lasting heating plate system, with its unique design, without being affected by the working environment. The preheated welding blades ensure good welding even in cold weather conditions. Welding molds can be changed quickly and easily. Axes are servo motor controlled.

TECHNICAL DETAILS

Electric Values	400 V, 3 ph, 50-60 Hz	Air Pressure	6-8 bar
Total Power	17 kW	Air Consumption	200-250 lt/min.
Max. Welding Size	3.650 mm x 2.600 mm	Machine Height	1600 mm
Min. Welding Size	350 mm x 400 mm	Machine Length	5500 mm
Max. Profile Height	195 mm	Machine Width	4100 mm
Min. Profile Height	35 mm	Machine Weight	2100 kg
Max. Profile Width	120 mm	Gasket Press Min. Welding Size (With Gasket Press System)	520 mm x 570 mm

GENERAL FEATURES

90° welding of PVC Profiles with high precision on all four corners at the same time

All axes of our machine move with Servo motor system (3 Servo motors)

0.2 and 2 mm. Internally designed construction that enables automatic welding range selection

Strong Body

High performance industrial PC with 21" touch screen, equipped with Windows XP embedded operating system

Ability to transfer data via wireless network connection, wired network connection or USB

Ability to create a knowledge base from individual source parameters for all profiles in the enterprise

Temperature, melting and joining time that can be defined separately for each profile

Depending on the torque values of the servo motors, melting long dimensions up to 2 mm and bringing them to the desired size

Fast and easy Teflon replacement with the coiled Teflon changing system.

Welding die system that can be changed quickly and easily.

(OPTIONAL)

INDUSTRIAL LABEL PRINTER

Working effectively under appropriate pressure with pressure control system. It can weld with the same precision on colored profiles as it is on white profiles.

Maintenance time is at minimum level with the lubrication system. Fully safe machine design with safety equipment in compliance with CE norms.

High stability and accuracy data transfer by connecting CNC Corner Cleaning Machine with industrial Ethernet connection method.

Being able to see all error messages and system status on the screen with the HMI program.

Providing service with remote connection method and problem detection and solution by connecting to the entire automation system.

Barcode Scanner is offered as standard.

OPTIONAL FEATURES

Gasket Pressure System
Welding patterns



Industrial PC



Ergonomic Design



Barcode



Breaking Test

LWT S - 500

Automatic Double Head
Reinforcement Steel
Screwing Machine

LÖWETECH



LWT S - 500

Automatic Double Head Reinforcement
Steel Screwing Machine

LÖWETECH Automatic screwing of the steel reinforcement bars in the PVC profiles. Profile loading conveyor with 4 profile loading capacity automatically conveys the profiles to the screwing center. Servo-controlled double-head screwing units automatically screw the reinforcement steel to the PVC profile according to the program made on the control panel.

The two-head screwing unit can also be operated as a single head if desired. The machine automatically measures the profile length and performs the screwing operation at the desired pitch. There is also an automatic profile unloading and storage system at the machine.

TECHNICAL DETAILS

Min. Profile Length	350 mm	Machine Height	1900 mm
Max. Profile Length	4600 mm	Machine Weight	1500 kg
Min. Profile Height	30 mm	Total kW	5 kW
Max. Profile Height	180 mm	Air Consumption	200 lt/min
Min. Profile Width	40 mm	Air Pressure	6-8 bar
Max. Profile Width	140 mm	Drillers Speed	3000 rpm
Machine Length	5700 mm	Voltage	380-400 V
Machine Width	4000 mm		

*Photos are for example purposes only

GENERAL FEATURES

Automatic conveying of PVC profiles to the screwing section

Machine measure the length of the profile automatically and determine the number of the screw

Automatic centering of PVC profiles at the screwing section

2 pcs. of servo controlled screwing heads perform the screwing operation as per the program that is made by the operator

Output conveyor and profile storage, which automatically discharges profiles when screwing is completed

Separately positioned and easily reachable PLC controlled screw feeding units ensure non-stop screwing operations

Automatic stop when screwing operation is completed

Long-lasting working with chin rest system

Seamless screwing by the screw feeders positioned independently of screwing heads

Screwing speed: 2.5-3 sec./pc approx. for single head

Automatic conveying of PVC profiles to the screwing area

Automatic profile length detection and calculation of required quantity of screws

Automatic centering of PVC profiles at the screwing section

2 servo controlled screwing heads to perform screwing operations as per the program

Outfeed magazine which automatically discharges profiles when screwing is completed

Separately positioned and easily accessible PLC controlled screw feeding units to ensure non-stop screwing operations

Automatic stop when screwing operation is completed

Screwing speed: 2.5-3 sec./pc approx. for single head

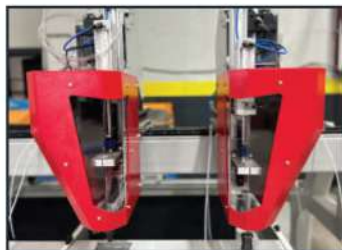
Technical support and trouble shooting via remote connection

All error messages and system status information are displayed on the screen

Axis motion system is consisting of linear bearings and rack-pinion drive that provides accuracy and durability

Ergonomic design and robust construction

Max. recommended steel thickness: 2.0 mm



LWT CC - 1000

CNC PVC Profile Corner
Cleaning Machine



LWT CC - 1000

CNC PVC Profile Corner Cleaning Machine

Designed to clean the corners of PVC profiles from welding seals. Intel Makina's CNC PVC Profile Corner Cleaning Machine are the only machines in this regard due to their durability and reliability features. It is ideal for corner cleaning PVC profiles of different thicknesses. These latest generation machines make a significant contribution to the production line phases thanks to their extremely clear and easy use in the cleaning process. All Cleaning operations on PVC profiles are gathered in one machine controlled by a computer.

TECHNICAL DETAILS

Power Supply	380-400 V, 3 ph, 50-60 Hz	Maximum Workable Profile Height	200 mm
Power Consumption	7 kw	Minimum Workable Profile Height	40 mm
Saw Blade Speed	2800 rpm	Maximum Workable Profile Width	130 mm
Drillers Speed	18000 rpm	Saw Outside Diameter	Ø250 mm
Air Consumption	102 lt/min.	Saw Inside Diameter	Ø30 mm
Air Pressure	6-8 bar	Saw Thickness	4-4,3 mm
Daily Product	200-240 (8 hours)	Machine Height	2000 mm
Saw Speed	3000 rpm	Machine Width	2850 mm
Machine Weight	1054 kg	Machine Length	2250 mm



GENERAL FEATURES

High speed precision control system with 2-axis servo motors.

High performance industrial PC with 21,5" touch screen, equipped with Windows XP embedded operating system.

Easy programming from DXF

Ability to define and recognize different profile heights.

Surface cleaning tool selection feature according to colored or white profiles.

Allow remote connection and control access via network connection.

Industrial PC based control panel unit

Easy file transfer with USB

Automatic Lubrication System

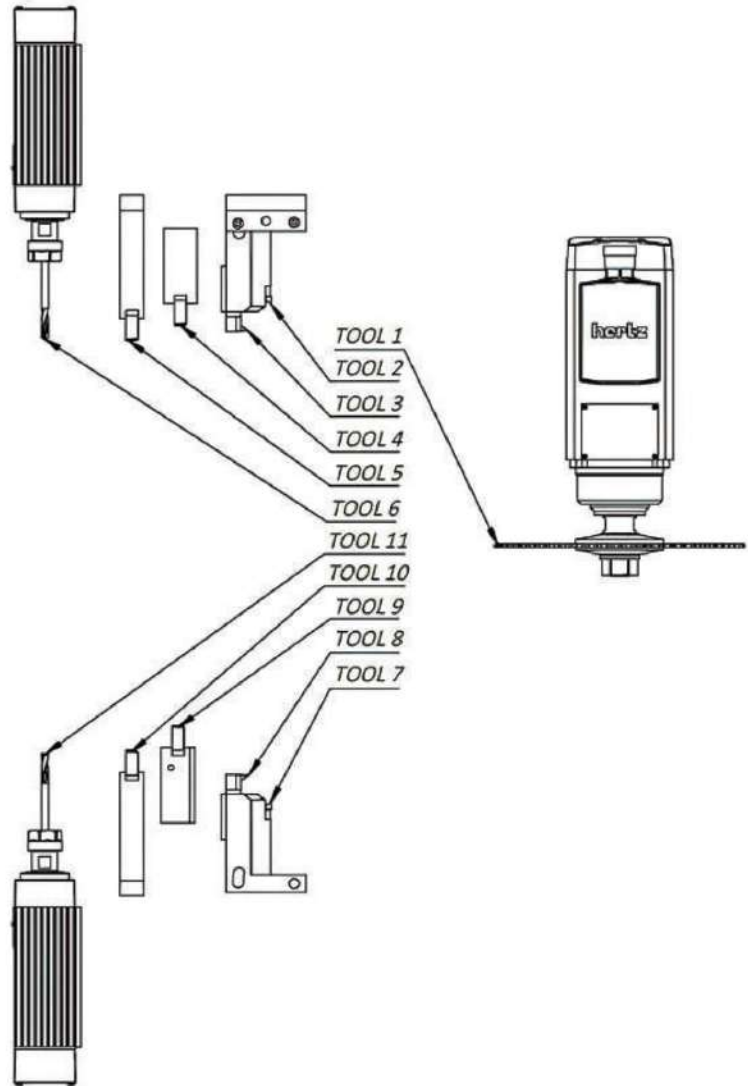
It has the ability to define and process files in dxf and dwg formats created in cad programs with windows-based PC operating system.

Maximum 200 mm. minimum 40 mm. profile processing range.

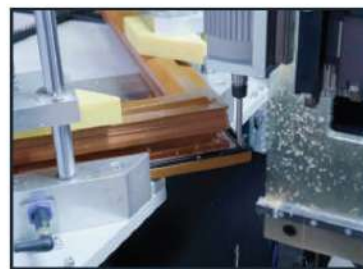
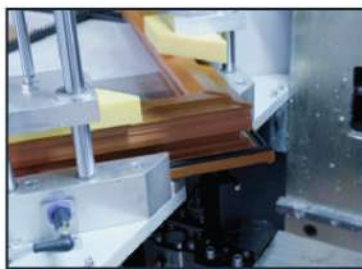
Ability to operate with 11 tools.

OPTIONAL FEATURES

Optionally, it can be connected to a 2-axis robotic turning station and can be adapted to a 4-corner welding machine.



Industrial PC



Precision Cleaning



LWT CC - 500
CNC PVC Profile Corner
Cleaning Machine



LWT CC - 500

CNC PVC Profile Corner Cleaning Machine

Designed to clean the corners of PVC profiles from welding seals, **LÖWETECH** CNC PVC Profile Corner Cleaning Machine are the only machines in this regard due to their durability and reliability features. It is ideal for Corner Cleaning PVC profiles of different thicknesses. These latest generation machines make a significant contribution to the production line phases thanks to their extremely clear and easy use in the cleaning process. All Cleaning operations on PVC profiles are gathered in one machine controlled by a computer.

TECHNICAL DETAILS

Power Supply	380-400 V, 3 ph, 50-60 Hz	Maximum Workable Profile Height	200 mm
Power Consumption	7 kw	Minimum Workable Profile Height	40 mm
Saw Blade Speed	2800 rpm	Maximum Workable Profile Width	130 mm
Drillers Speed	14000 rpm	Saw Outside Diameter	Ø250 mm
Air Consumption	102 lt/min.	Saw Inside Diameter	Ø30 mm
Air Pressure	6-8 bar	Saw Thickness	4-4,3 mm
Daily Product	200-240 (8 hours)	Machine Height	2150 mm
Saw Speed	3000 rpm	Machine Width	2560 mm
Machine Weight	1000 kg	Machine Length	2200 mm



GENERAL FEATURES

High speed precision control system with 2-axis servo motors.

High performance industrial PC with 15" touch screen, equipped with Windows XP embedded operating system.

Easy programming from DXF

Ability to define and recognize different profile heights.

Surface cleaning tool selection feature according to colored or white profiles.

Allow remote connection and control access via network connection.

Industrial PC based control panel unit

Easy file transfer with USB

Automatic Lubrication System

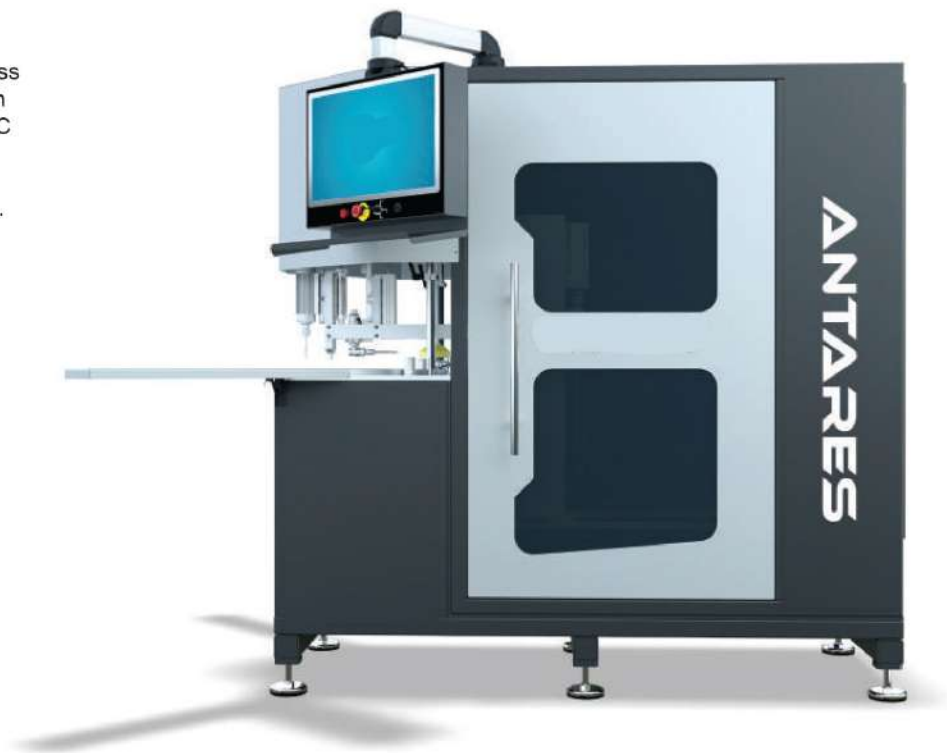
It has the ability to define and process files in dxf and dwg formats created in cad programs with windows-based PC operating system.

Maximum 200 mm. minimum 40 mm. profile processing range.

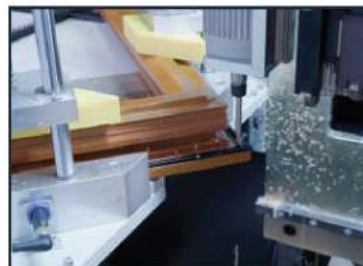
Ability to operate with 11 tools.

OPTIONAL FEATURES

Optionally, it can be connected to a 2-axis robotic turning station and can be adapted to a 4-corner welding machine.



Industrial PC



Precision Cleaning



LWT S - 6000
Double Head Mitre Saw
Servo Angled



LWT S - 6000

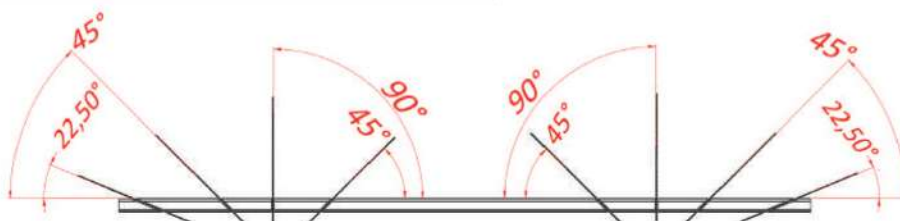
Double Head Mitre Saw Servo Angled

LÖWETECH two-head cutting machines are the only machines in this regard due to their durability and reliability features. It is ideal for cutting aluminum and PVC billets of different thicknesses and angles. These latest generation machines make a significant contribution to the production line phases thanks to their extremely clear and easy use in the cutting process.

It is an automatic double-head cutting machine with right head movement thanks to the servo motor. Equipped with barcode printer to easily identify and match orders with production.

TECHNICAL DETAILS

Electric Values	380-400V, 3ph, 50-60 Hz	Max. Profile Length It Can Cut 90°-45°	4300 mm
Total kW Value	10 Kw	Max. Profile Length It Can Cut (Long Cutting Mode)	8000 mm
Motor Power	6 kW	Minimum Profile Length It Can Cut 90°	400 mm
Air Consumption	200 lt/min	Minimum Profile Length It Can Cut 45°	550 mm
Air Pressure	6-8 Bar	Saw Outside Diameter	Ø600 mm
Machine Height	1700 mm	Saw Inside Diameter	Ø30 mm
Machine Length	7100 mm	Saw Thickness	4 mm
Machine Width	1900 mm	Number of Saw Teeth	120-132
Machine Weight	1500 kg	Number of Saws Used	2
Saw Speed	3000 rpm		



CONTROL

LWT S - 6000 is a fully automatic machine designed to cut large size PVC and aluminum profiles, straight or angled with a double head Ø 600 mm saw

2x Ø600 mm saw conveyor &
2 x pneumatic profile support unit

Spray saw cooling system

Barcode printer

2x vertical vise

4x horizontal vise

Air gun

TILT ANGLE OF MOVING HEADS

Two-hand operation safety Cutting between 45° inwards and 22.5° outwards

Hydro-pneumatically controlled saw movement

Cutting accuracy +/- 0.2 mm 2 x pneumatic profile support

Windows based industrial PC and 15" touch color panel display

Cut list transfer in 'mdb' and 'csv' format via USB memory and network

Possibility of remote connection and technical support

Automatic slicing feature

Angle settings of the cutting heads are by servo control system

Position adjustment of the moving head is by servo control system

(OPTIONAL)

INDUSTRIAL LABEL PRINTER

The industrial label printer allows to recognize each cut profile according to its characteristics found in the cutting list.

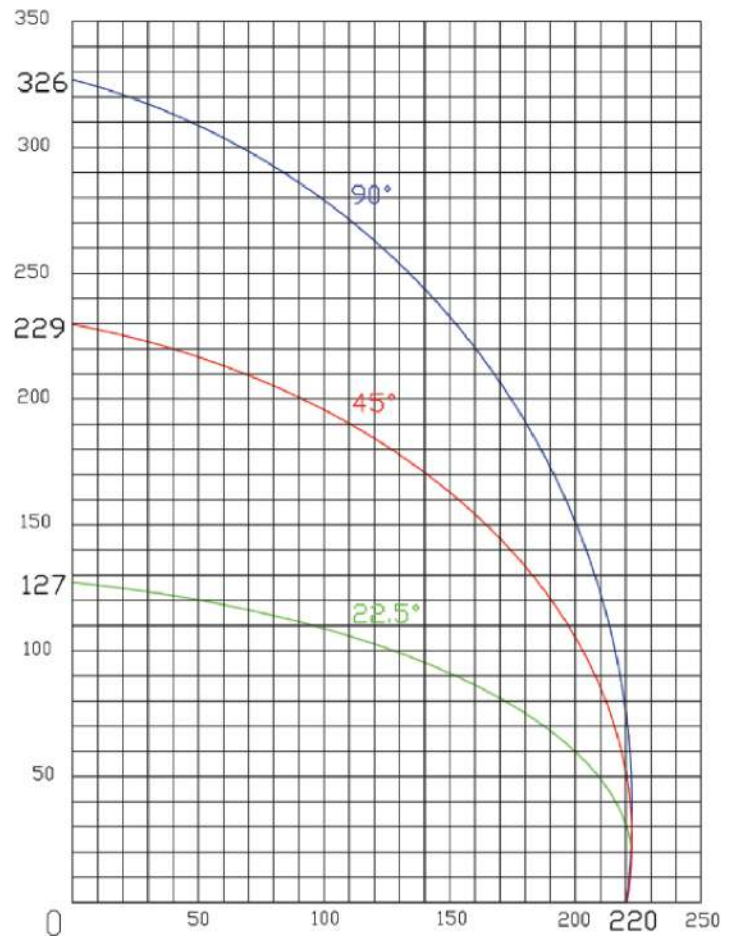
In addition, writing code on them makes it extremely convenient to easily find the order ID of each profile and especially for subsequent transactions.

(OPTIONAL)

INTERMEDIATE SUPPORT

Pneumatic intermediate support turns out to be extremely useful when a light and longer than normal profile is to be cut.

In such a situation, pneumatic support automatically creates the ideal situation required to hold the profile.



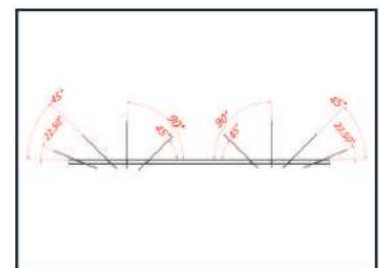
Touch Screen



Barcode



Intermediate Support



Tilt Angle of Moving Heads Servo Control

LWT P - 6000

Double Head Mitre Saw
Pneumatic Control/Angles



LWT P - 6000

Double Head Mitre Saw Pneumatic Control/Angles

LÖWETECH two-head cutting machines are the only machines in this regard due to their durability and reliability features. It is ideal for cutting aluminum and PVC billets of different thicknesses and angles. These latest generation machines make a significant contribution to the production line phases thanks to their extremely clear and easy use in the cutting process.

It is an automatic double-head cutting machine with right head movement thanks to the servo motor. Equipped with barcode printer to easily identify and match orders with production.

TECHNICAL DETAILS

Electric Values	380-400V, 3ph, 50-60 Hz	Max. Profile Length It Can Cut 90°-45°	4300 mm
Total kW Value	9 Kw	Max. Profile Length It Can Cut (Long Cutting Mode)	8000 mm
Motor Power	6 kW	Minimum Profile Length It Can Cut 90°	400 mm
Air Consumption	250 lt/min	Minimum Profile Length It Can Cut 45°	550 mm
Air Pressure	6-8 Bar	Saw Outside Diameter	Ø600 mm
Machine Height	1700 mm	Saw Inside Diameter	Ø30 mm
Machine Length	7100 mm	Saw Thickness	4 mm
Machine Width	1900 mm	Number of Saw Teeth	120-132
Machine Weight	1500 kg	Number of Saws Used	2
Saw Speed	3000 rpm		

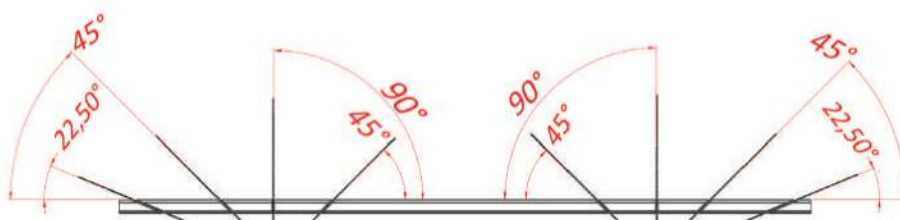


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SCC100



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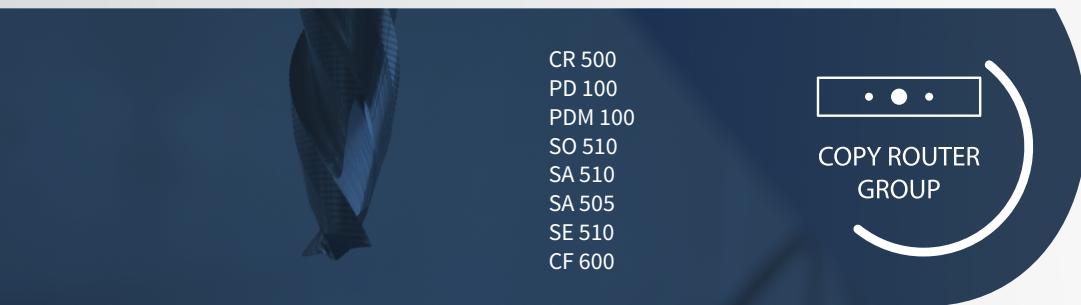
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CM 504
PK 503

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WELDING
GROUP

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ZW 505
TW 510
AP 02

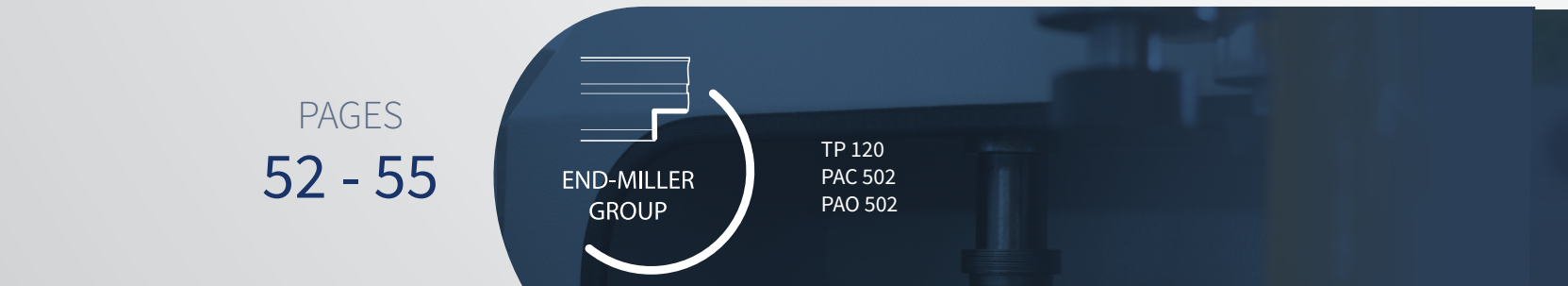


KT 504.4 | 504.2
KTY 504



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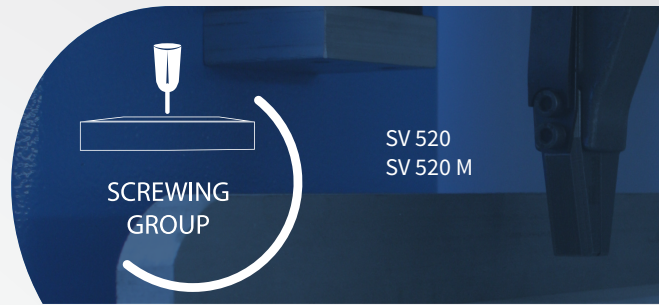
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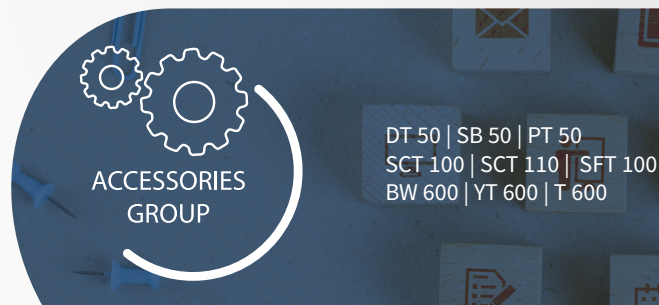
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MACHINING
CENTERS





CUTTING
GROUP



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FULL AUTOMATIC DOUBLE CUTTING MACHINE (SERVO SYSTEM)

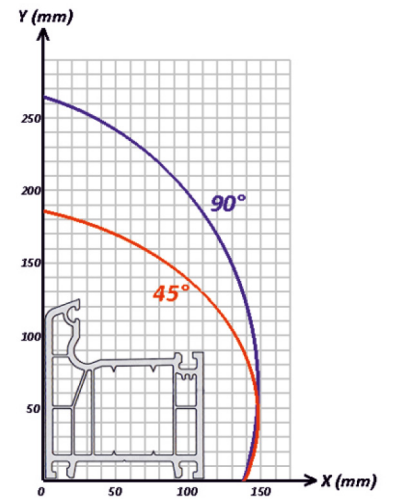
CKF 450

ALU

PVC






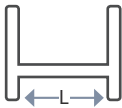



Digital Control Panel



TECHNICAL SPECIFICATIONS

- Designed for cutting processes of aluminium and plastic profiles
- Specially alloyed aluminium table, strong sheet cabin, long-lasting eletostatic paint
- Pneumatic move, semi-automatic running system
- Secure protective shield
- Cuitng feature to eft and right Standard. 15° 22.5° 30° 45° 90° free cutting at various angles
- Delicate cutting measurement with dijital indicator
- Completely automatic movement of woking plate to the right-to the left and exact adjustment of the sizes of profiles
- Designed in accordance with the CE rules.

TECHNICAL DATA

TECHNICAL FEATURES								
					BAR	Air cons.		
CKF 450	2.2 kW x 2 400V 50Hz	D=450 mm d=32 mm	3000 D/min. RPM	Lmin= 450 mm Lmax=4100 mm	6-8 Bar	60 Lt/min.	5250x1250x1650 mm	900 kg



CUTTING
GROUP

CKM 450

MANUEL DOUBLE HEAD CUTTING MACHINE

ALU


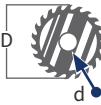

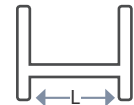



PVC



TECHNICAL SPECIFICATIONS

- Designed for cutting profiles of aluminium and plastic profiles
- Specially alloyed aluminium table, strong sheet cabin, long-lasting electrostatic paint
- Pneumatic move, semiautomatic running system
- Secure protective shield
- Cutting feature to left and right Standard 15° 22.5° 30° 45° 90°, free cutting at various angles
- Possibility of exact installation of the sizes are sharp by means of a digital reading device.
- Semi-automatic movement of a working plate to the right-to the left
- and exact adjustment of the sizes of profiles in the manual,
- Design according to norms

TECHNICAL DATA

TECHNICAL FEATURES								
					BAR	Air cons.		
CKM 450	2.2 kW x 2 400V~3N PE 50 Hz	D=450 mm d=32 mm	3000 D/min. RPM	Lmin= 450 mm Lmax= 4100 mm	6-8 Bar	60 Lt/min.	5250 x 1250 x 1650 mm	600 kg



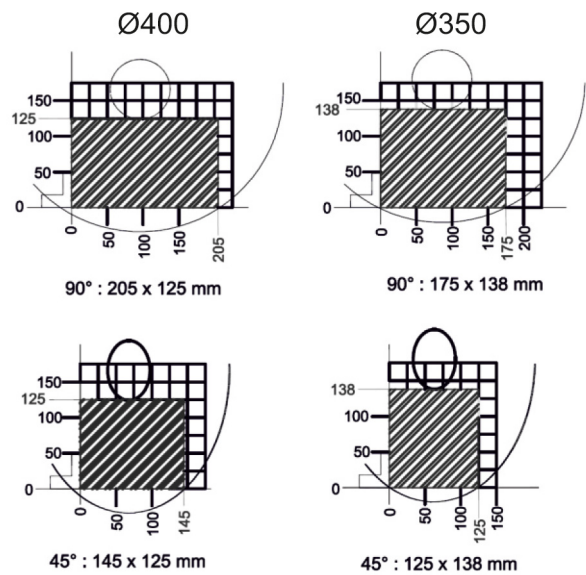
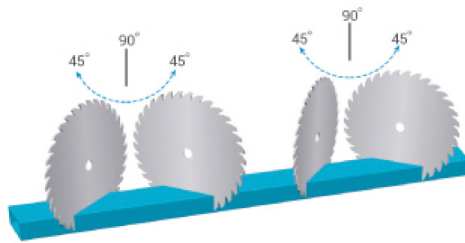
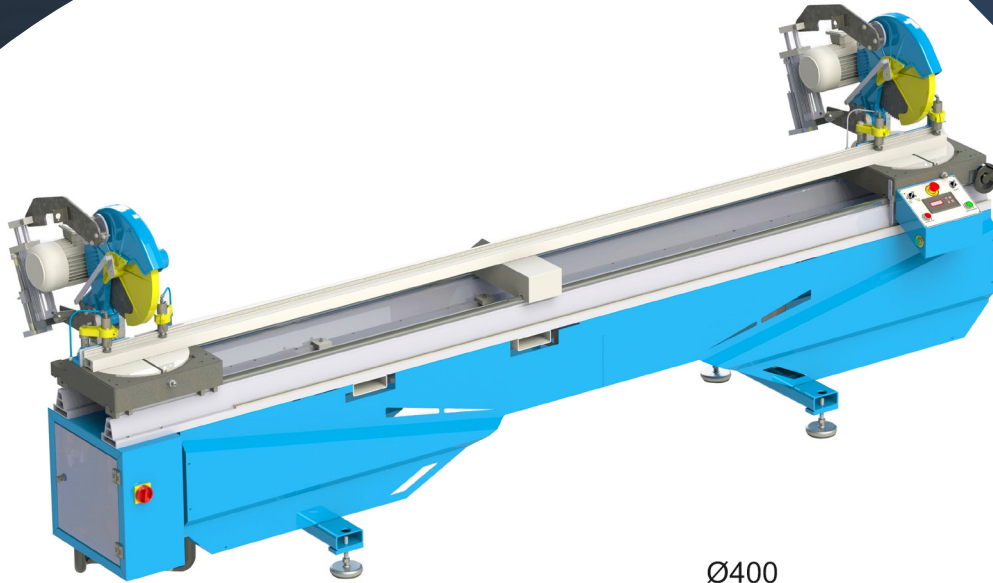
CUTTING
GROUP

DC
400

DOUBLE CUTTING MACHINE
(HYDRO PNEUMATIC)

ALU


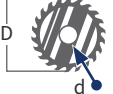





PVC



TECHNICAL SPECIFICATIONS

- Designed for cutting processes of aluminium and plastic profiles,
- Specially alloyed aluminium table, long-lasting electrostatic paint.
- Automatic cutting.
- Protection cover with security switch,
- Cutting feature to left and right at standart 15°-22,5°-30°-45°-90° free
- Cutting at varous angles.
- The ability to accurately set the size of cutting through a digital reading device
- Pneumatic clip of profiles
- Semi-automatic plate motion in right to left and the exact size profiles manually
- Designed in accordance with the CE.

TECHNICAL DATA

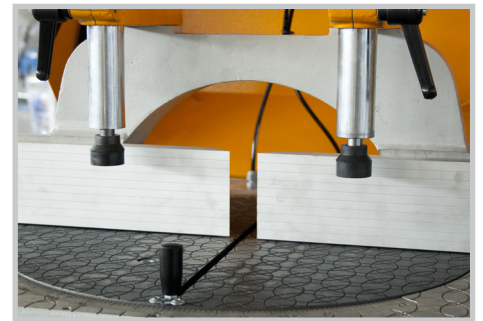
TECHNICAL FEATURES								
					BAR	Air cons.		
DC 400	2.2 kW x 2 400V 50Hz	D=400mm d=30 mm	3000 D/min. RPM	Lmin= 470 mm Lmax= 3450 mm	6-8 Bar	46 Lt/min.	75x410x170 cm	410 kg

FULL AUTOMATIC DOUBLE CUTTING MACHINE HYDRO PNEUMATIC

CM 504


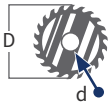




ALU

PVC



TECHNICAL SPECIFICATIONS

- Designed for cutting processes of aluminium and plastic profiles
- Specially alloyed aluminium table, long-lasting electrostatic paint.
- Pneumatic cutting, mechanical operation.
- Protection cover with security switch,
- Ability to adjust the cutting speed depending on the profile
- Cutting feature to left and right at standart 15°-22,5°-30°-45-90°.
- Pneumatic clip of profiles
- Rubber prop body to eliminate vibration and adjustable depending on the installation site.
- Desingned in accordance with the CE

TECHNICAL DATA							
TECHNICAL FEATURES							
				BAR	Air cons.		
CM 504	2,2 kW 400V~3N PE 50 Hz	D=450mm d=32 mm	3000 D/ min. RPM	6-8 Bar	34 Lt/min.	80x90x130 cm	210 kg



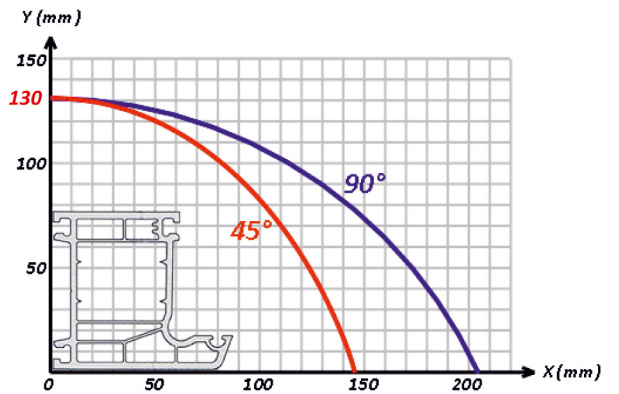
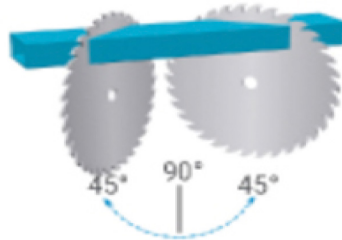
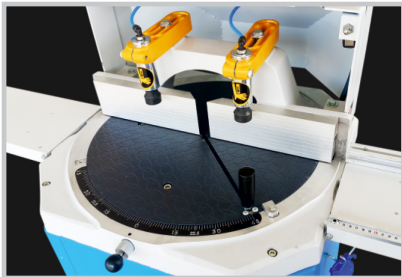
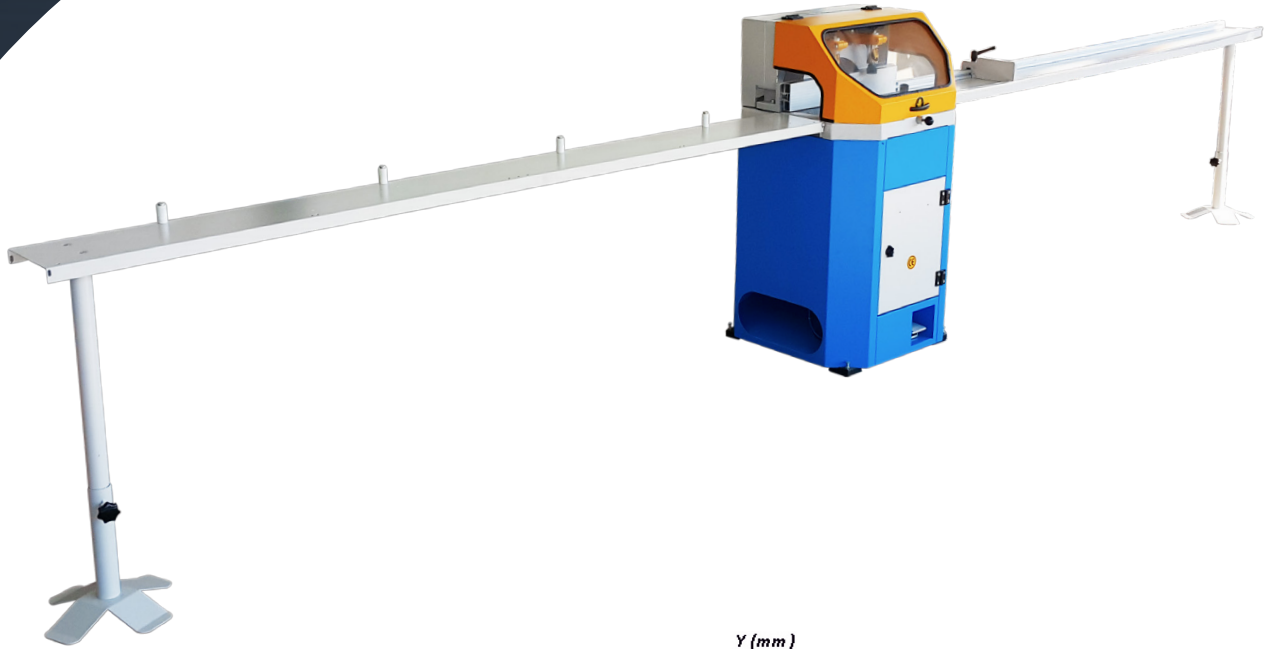
CUTTING GROUP

PK 503

AUTOMATIC CUTTING MACHINE

ALU

PVC



TECHNICAL SPECIFICATIONS

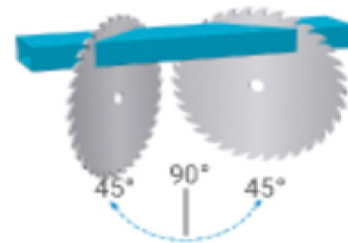
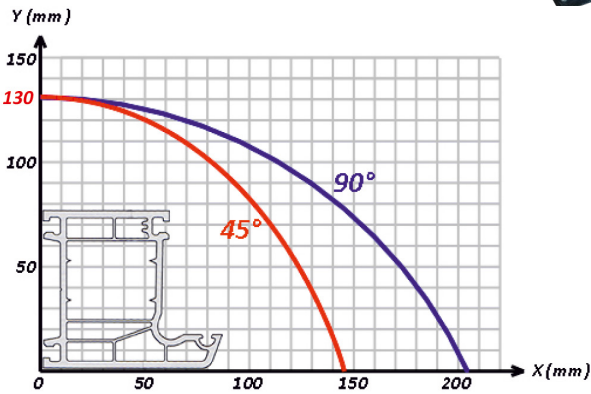
- Designed for cutting processes of aluminium and plastic profiles
- Specially alloyed aluminium table, strong sheet cabin, long-lasting electrostatic paint
- Pneumatic cutting process, automatic running system
- Protection cover with security switch
- Adjustment of cutting speed according to profile
- Cutting feature to left and right at standard
- 15° -22,5° -30° -45° -90° free cutting at various angles
- Cabin bands which are adjustable to ground and isolate vibration
- Designed in accordance with the CE

TECHNICAL DATA

TECHNICAL FEATURES							
				BAR	Air cons.		
PK 403	1.5 kW 400V 50Hz	D=450 mm d=32 mm	3000 D/min. RPM	6-8 Bar	35 Lt/min.	68x77x120 cm	155 kg

ALU

PVC



TECHNICAL SPECIFICATIONS

- Designed for cutting processes of aluminium and plastic profiles
- Specially alloyed aluminium table, strong sheet cabin, long-lasting electrostatic paint
- Pneumatic cutting process, automatic running system
- Protection cover with security switch
- Adjustment of cutting speed according to profile
- Cutting feature to left and right at standard
- 15 ° -22,5 ° -30 ° -45 ° -90 ° free cutting at various angles
- Cabin bands which are adjustable to ground and isolate vibration
- Designed in accordance with the CE

TECHNICAL DATA							
TECHNICAL FEATURES							
				BAR	Air cons.		
PK 403 -DS	1.5 kW 400V 50Hz	D=450 mm d=32 mm	3000 D/min. RPM	6-8 Bar	35 Lt/min.	70x88x115 cm	172 kg

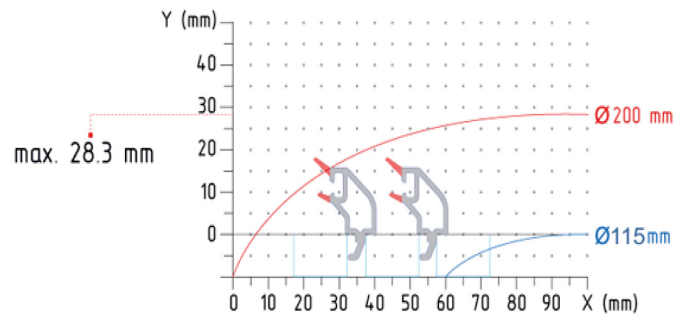


CUTTING
GROUP

UBS 200

DOUBLE CUTTING MACHINE (HYDRO PNEUMATIC)





PVC

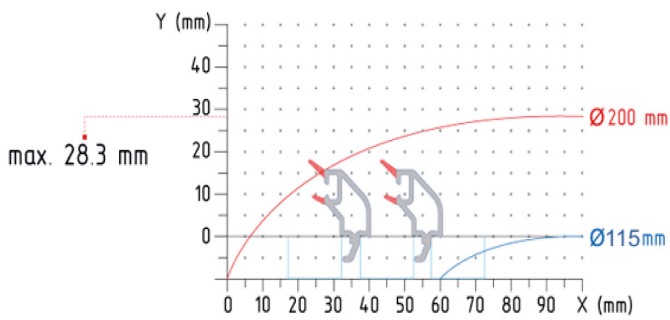


TECHNICAL SPECIFICATIONS

- Adjustable mold to each lath
- Cuts the glass slats of PVC joinery
- Fully safe against work accidents
- Electropneumatically controlled
- Cutting angle: 45° (Both ends)
- Cutting speed: 5 seconds
- Cuts both ends at the same time
- Standard meter and profile conveyor system
- Cutting speed adjustable
- Design in accordance with CE norms

TECHNICAL DATA

TECHNICAL FEATURES							
				BAR	Air cons.		
UBS 200	0,75 kW x 2 400V 50Hz	D: 200mm (max) d: 32mm	3000 D/min. RPM	6-8 Bar	35 Lt/min.	93x53x120 cm	102 kg



TECHNICAL SPECIFICATIONS

- Automatically cuts the glazing beads made of PVC or Aluminum.
- Protected against operation accidents.
- Electropneumatic controlled.
- Cutting angle :45°
- Time 5 seconds are sharp.
- Has 4 disks of asaw.
- Adjustment of speed are sharp.
- Both ends are cutoff simultaneously.
- Convenient system of replacement template.
- Standard measuring and conveyor system.
- Designed in accordance with the CE rules.

TECHNICAL DATA

TECHNICAL FEATURES							
				BAR	Air cons.		
CKY 501	0.75 kW x 2 400V 50Hz	D=200 mm d=32 mm	3000 D/min. RPM	6-8 Bar	35 Lt/min.	98x53x120 cm	102 kg



CUTTING
GROUP

TC
511

(V) NOTCHING PROFILE MACHINE

PVC




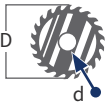




TAMMING (V) PVC PROFILE



TECHNICAL SPECIFICATIONS

- Cuts PVC profiles as "V" shape For V-welding
- Automatic operation system
- Adjustable cutting speed
- Pneumatic profile clamping system
- Manual adjustable conveyor.
- Diamond saw blade diameter

TECHNICAL DATA

TECHNICAL FEATURES							
				BAR	Air cons.		
TC 511	0.75 kW x 2 400V 50Hz	D=200 mm d=32 mm	3000 D/min. RPM	6-8 Bar	40 Lt/min.	45x100x95 cm	102 kg

MANUAL ANGULAR CUTTING MACHINE **PC 400 P**

PNEUMATIC ANGULAR CUTTING MACHINE **PC 400 S**

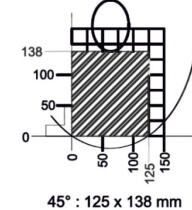
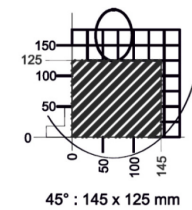
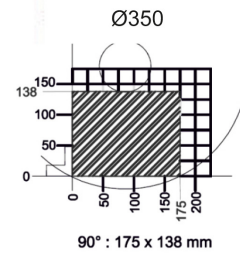
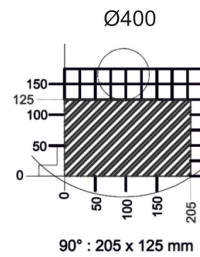
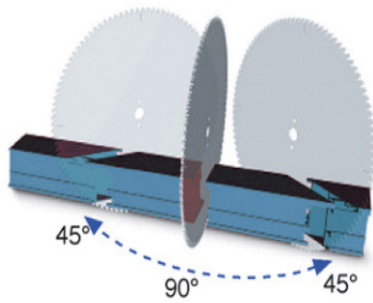
ALU

PVC

PC 400 P









PC 400 S



TECHNICAL SPECIFICATIONS

- Designed for cutting processes of aluminium and plastic profiles
- Specially alloyed aluminium table, long-lasting electrostatic paint
- Pneumatic cutting process, automatic running system
- Protection cover with security switch
- Adjustment of cutting speed according to profile
- Cutting feature to left and right at standard 15° -22,5° -30° -45° -90° free cutting at various angles
- Manual clip of profiles.
- Designed in accordance with the CE

TECHNICAL DATA							
TECHNICAL FEATURES							
				BAR	Air cons.		
PC 400 P	2,2 kW 400V~3N PE 50 Hz	Max. Ø400 mm	3000 D/min. RPM	6-8 Bar	5 Lt/min.	65x72x142 cm	115 kg
PC 400 S	2,2 kW 400V~3N PE 50 Hz	Max. Ø400 mm	3000 D/min. RPM	6-8 Bar	5 Lt/min.	68x60x70 cm	70 kg



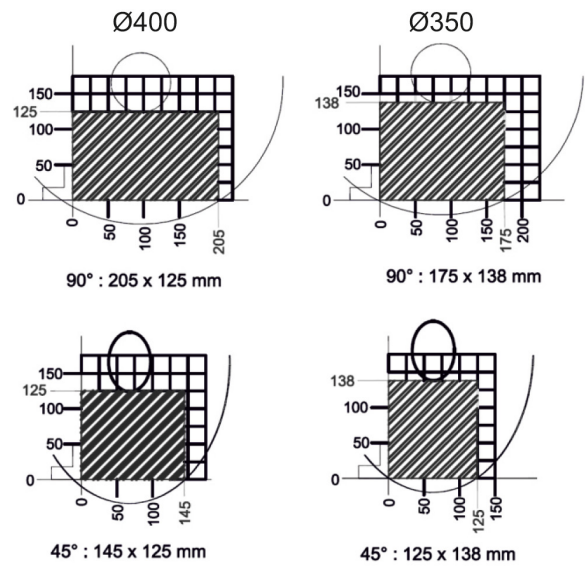
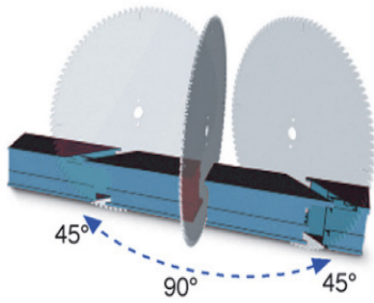
CUTTING
GROUP

PC 400 M

PORTABLE ANGULAR CUTTING MACHINE


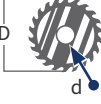




ALU

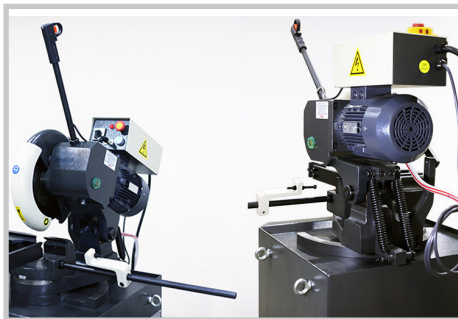
PVC



TECHNICAL SPECIFICATIONS

- Designed for cutting processes of aluminium and plastic profiles
- Specially alloyed aluminium table, long-lasting electrostatic paint
- Pneumatic cutting process, automatic running system
- Protection cover with security switch
- Adjustment of cutting speed according to profile
- Cutting feature to left and right at standard 15° -22,5° -30° -45° -90° free cutting at various angles
- Manual clip of profiles.
- Designed in accordance with the CE







TECHNICAL DATA							
TECHNICAL FEATURES							
				BAR	Air cons.		
PC 400	2,2 kW 400V-3N PE 50 Hz	Max.Ø400 mm	3000 D/min. RPM	68x60x70 cm	70 kg



TECHNICAL SPECIFICATIONS

- Double speed main engine
- Adjustable fixing arm to cut to the same size
- 45° right, 45° left cut
- Saw clearance removal system
- Boron oil circulation pump and tank for saw cooling and chip removal
- Emergency stop button
- Security system in accordance with CE norms
- 24V Control System
- Holding the piece from the closest area to the saw with the movable jaw system in the vise
- Burr-free cut

TECHNICAL DATA

TECHNICAL FEATURES							
				BAR	Air cons.		
TT 315	1.5 kW 400V 50Hz	D=315 mm d=32 mm	115 D/min. RPM	6-8 Bar	35 Lt/min.	98x53x120 cm	102 kg

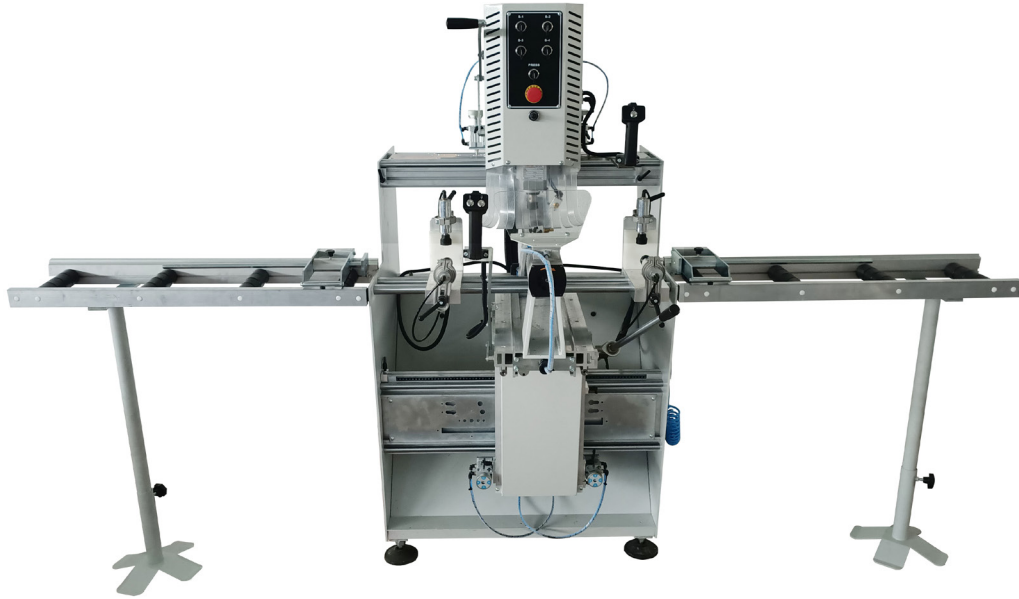


COPY ROUTER
GROUP



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TECHNICAL SPECIFICATIONS

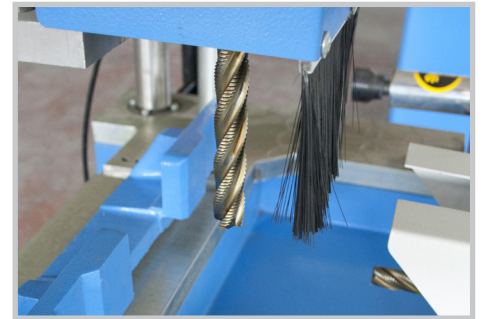
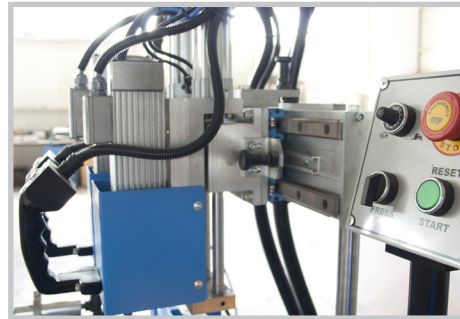
- 1 pc. Vertical and 2 horizontal copy milling motors are available. (3 x 1.1 kW 18.000 rpm)
- It can process 3 sides of the aluminum profile quickly and precisely without turning it.
- There are 4 pneumatic clamps, 2 vertical and 2 horizontal.
- Horizontal and vertical template follower tips are pneumatic and are available in 3 different diameters as Ø 5, Ø8 and Ø10.
- Horizontal and vertical templates containing standard operations positioned horizontally and vertically
- High precision bearing system, gas shock absorbers and ergonomic arm design that facilitates operations.
- Ruler conveyors on the right and left
- Cooling system

TECHNICAL DATA

TECHNICAL FEATURES						
			BAR	Air cons.		
CR 500	1.1 kW x 3 220V 300Hz	18000 RPM	6-8 Bar	10 Lt/min.	90x110x180 cm	260 kg






ALU

PVC



TECHNICAL SPECIFICATIONS

- 1 pc. Vertical and 2 horizontal copy milling motors are available. (3 x 1.1 kW 18.000 rpm)
- It can process 3 sides of the PVC profile quickly and precisely without turning it.
- There are 4 pneumatic clamps, 2 vertical and 2 horizontal.
- Horizontal and vertical ends are pneumatic and have 3 different diameters as Ø 11, Ø16 and Ø18.
- Quick and easy to use without the need for templates
- Provides ease of use with its ergonomic handle design
- There is a metering and holding system on the right and left sides.

TECHNICAL DATA						
TECHNICAL FEATURES						
			BAR	Air cons.	WxLxH	KG
PD 100	2 kW x 1 1.1 kW x 2 220V 300Hz	18000 RPM	6-8 Bar	10 Lt/min.	90x70x160 cm	180 kg



COPY ROUTER
GROUP

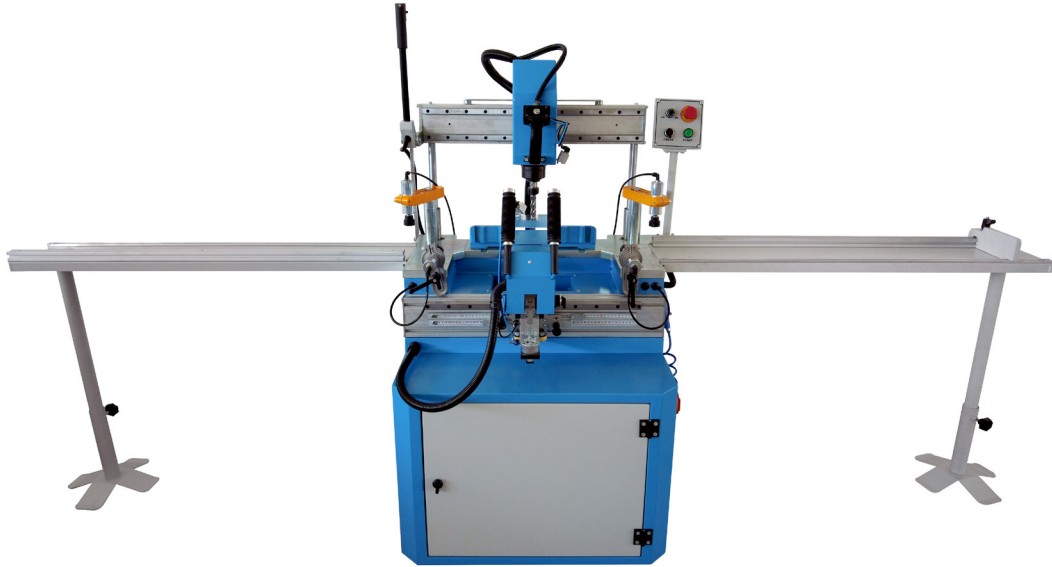
PDM

100

**DOOR HANDLE PROCESSING MACHINE
(ECONOMIC)**

ALU






PVC

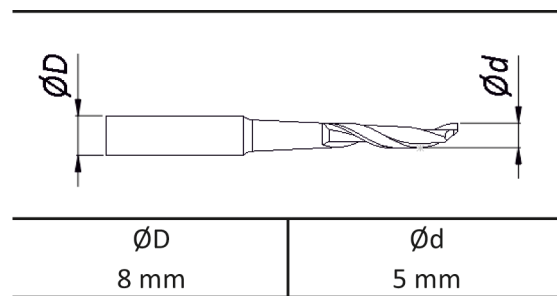
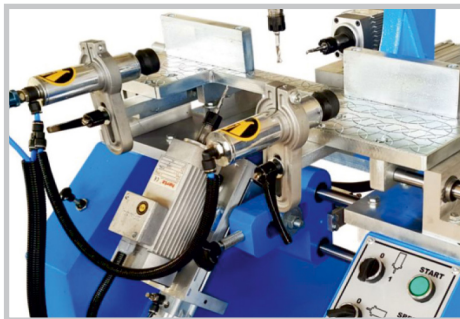


TECHNICAL SPECIFICATIONS

- 1 pc. Vertical and 1 horizontal copy milling motor are available. (1 x 2 kW & 1 x 1.1kW 18.000 rpm)
- It can process 3 sides of the PVC profile quickly and precisely without turning it.
- There are 4 pneumatic clamps, 2 vertical and 2 horizontal.
- The inserts are available in 3 different diameters as Ø 11, Ø16 and Ø18.
- Provides ease of use with its ergonomic handle design
- There is a metering and holding system on the right and left sides.

TECHNICAL DATA

TECHNICAL FEATURES						
			BAR	Air cons.		
PDM 100	2 kW x 1 1.1 kW x 1 220V 300Hz	18000 RPM	6-8 Bar	8 Lt/min.	90x70x160 cm	150 kg



TECHNICAL SPECIFICATIONS

- Three routing units, one oblique unit til table up to 60 degrees, one horizontal unit and one vertical one.
- The routing units are independent, can be used to get her and separately from each other.
- Automatic working cycle.
- Adjustable operation speed.
- System for automatic drilling for symetric slots.
- PLC control system.
- Horizontal pneumatic clamping kit.
- Adjustable operation depth.
- High frequency motors.

TECHNICAL DATA

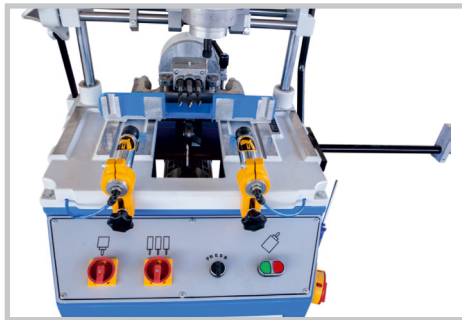
TECHNICAL FEATURES								
	0.55 kW 230V 400 Hz	0.55 kW 230V 400Hz	0.55 kW 230V 400Hz	24000 d/RPM	BAR	Air cons.	WxLxH	KG
SO 510	0.55 kW 230V 400 Hz	0.55 kW 230V 400Hz	0.55 kW 230V 400Hz	24000 d/RPM	6-8 Bar	5 Lt/min.	68x80x140 cm	90 kg

COPY ROUTER
GROUP

SA
510

COPY+DRAINAGE ROUTER MACHINES
WITH TRIPLE DRILLING UNIT

PVC



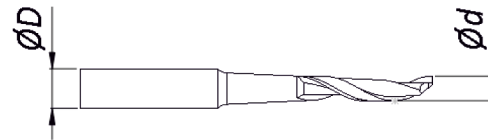
ØD	Ød	Øa	Øb	Øc
8 mm	5 mm	13 mm	10 mm	10 mm

TECHNICAL SPECIFICATIONS

- For opening holes of door handle and sash fastener channels
- Three drills for drilling handle holes,
- Designed in accordance with the CE.
- For Drilling the water drain slots on the PVC profiles,
- Operational safety.
- The selection of motor is done by the selector switches.
- Profile tightness operation controlled with hand command valve mounted on the body.
- Available pneumatic tighten system.
- The milling heads can freely be adjustable in angle, depth and height.
- Opens water slots in two sides by a single button at once.
- With adjustable feet of the machine easy to locate on the floor,
- Operation time: 10 seconds
- Machine for reduktor.

TECHNICAL DATA

TECHNICAL FEATURES									
	1.1 kW 380V 50Hz	1.1 kW 380V 50Hz	0.65 kW 15000 d/min.	11000 d/RPM	500 d/RPM 1500 d/RPM	BAR	Air cons.	WxLxH	KG
SA 510	1.1 kW 380V 50Hz	1.1 kW 380V 50Hz	0.65 kW 15000 d/min.	11000 d/RPM	500 d/RPM 1500 d/RPM	6-8 Bar	5 Lt/min.	68x80x140 cm	90 kg




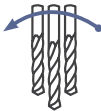





$\varnothing D$	$\varnothing d$
8 mm	5 mm

TECHNICAL SPECIFICATIONS

- For opening holes of door handle and sash fastener channels
- Three drills for drilling handle holes.
- Designed in accordance with the CE
- For drilling the water drain slots on the PVC profiles,
- Operational safety.
- The selection of motor is done by the selector switches.
- Profile tightness operation controlled with hand command valve mounted on the body.
- Available pneumatic tighten system.
- The milling heads can freely be adjustable in angle, depth and height.
- Opens water slots in two sides by a single button at once.
- With adjustable feet of the machine easy to locate on the floor, Operation time: 10 seconds

TECHNICAL DATA

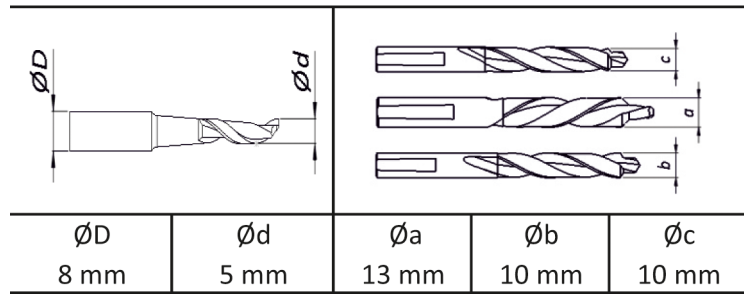
TECHNICAL FEATURES								
	BAR	Air cons.	WxLxH	KG				
SA 505	1.1 kW 380V 50Hz	1.1 kW 380V 50Hz	11000 d/RPM	500 d/RPM 1500 d/RPM	6-8 Bar	5 Lt/min.	68x80x140 cm	80 kg

COPY ROUTER GROUP

SE 510

COPY+DRAINAGE ROUTER MACHINES WITH TRIPLE DRILLING UNIT

PVC



TECHNICAL SPECIFICATIONS

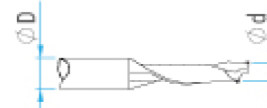
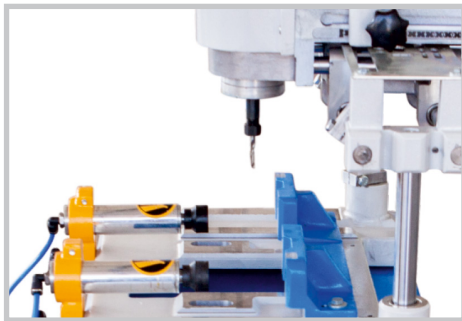
- For opening holes of door handle and sash fastener channels
- Three drills for drilling handle holes,
- Designed in accordance with the CE.
- For Drilling the water drain slots on the PVC profiles,
- Operational safety.
- The selection of motor is done by the selector switches.
- Profile tightness operation controlled with hand command valve mounted on the body.
- Available pneumatic tighten system.
- The milling heads can freely be adjustable in angle, depth and height.
- Opens water slots in two sides by a single button at once.
- With adjustable feet of the machine easy to locate on the floor, - Operation time: 10 seconds
- Machine for reduktor.

TECHNICAL DATA

TECHNICAL FEATURES									
						BAR	Air cons.		
SE 510	0.65 kW 14000 d/min.	1.1 kW 380V 50Hz	0.65 kW 14000 d/min.	14000 d/min.	1500 d/min.	6-8 Bar	5 Lt/min.	103x66x140 cm	90 kg

ALU

PVC








ØD	Ød
8 mm	5 mm

TECHNICAL SPECIFICATIONS

- For opening holes of door handle and sash fastener channels
- Designed in accordance with the CE
- For Drilling the water drain slots on the PVC profiles,
- Operational safety.
- The selection of motor is done by the selector switches.
- Profile tightness operation controlled with hand command valve mounted on the body.
- Available pneumatic tighten system.
- The milling heads can freely be adjustable in angle, depth and height.
- Opens water slots in two sides by a single button at once.
- With adjustable feet of the machine easy to locate on the floor, Operation time: 10 seconds.

TECHNICAL DATA

TECHNICAL FEATURES						
			BAR	Air cons.		
CF 600	1.1 kW 400V 50Hz	11000 d/ min.	6-8 Bar	5 Lt/min.	56x70x140	77 kg



WELDING
GROUP



CONTENTS

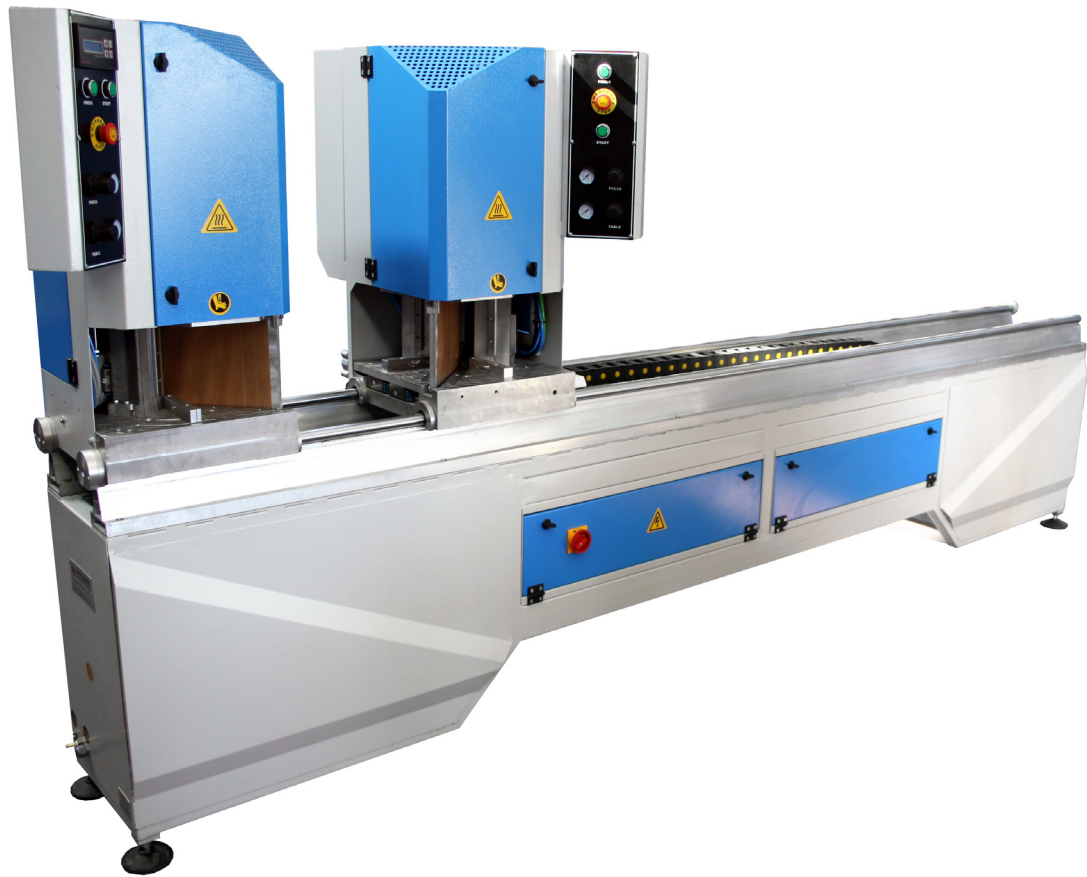
CW 400	: 40-41
DSW 200	: 42
DZW 500	: 43
VM 506	: 44
ZW 505	: 45
TW 510	: 46
AP 02	: 47



DSW 200

DOUBLE HEAD WELDING MACHINE (FOR 200MM PROFILE)

PVC



TECHNICAL SPECIFICATIONS

- It is designed to make corner welds of PVC profiles.
- It is completely safe against work accidents.
- Electropneumatically controlled.
- Maximum resource resistance.
- Weldable angle: All angles from 50° to 135°.
- The welding time is about 65 seconds.
- 0.2 mm specification for coated profiles.
- Welding height 200mm (Max.)
- Long-lasting welding resistance and easily replaceable one-piece Teflon.
- Design in accordance with CE norms

TECHNICAL DATA

TECHNICAL FEATURES											
		a max.	a min.	b max.	b min.	x max.	x min.	BAR	Air cons.		
DSW 200	2 x 2 kW 230V 50Hz	200 mm	35 mm	220 mm	...	3500 mm	400 mm	6-8 Bar	70 Lt/min	420x80x160 cm	600 kg



TECHNICAL SPECIFICATIONS

- Designed for welding of PVC profiles.
- Maximum operating safety.
- Electropneumatic control.
- Max. welding endurance.
- Welding angles: between 30° - 180° [all degrees].
- Time: approx. 65 seconds.
- Feature of welding for profiles with the laminated covering 0.2.
- Welding lenght: 160mm max.
- “Rapid Exhaust System” for Upper pressure pistons.
- Standart arms for long size profiles.
- Durable welding resistance & easily changeable single piece teflon sheet.
- All parameters are separately adjustable.
- Practicle welding mould replacement system.
- Machine interlock aganist low air pressure.
- Designed in accordance with the CE standarts.

TECHNICAL DATA

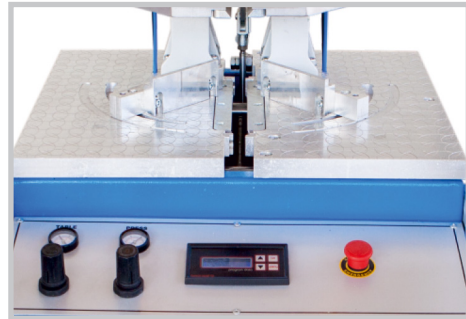
TECHNICAL FEATURES											
		a max.	a min.	b max.	b min.	x max.	x min.	BAR	Air cons.		
DZW 500	2 x 1.6 kW 230V 50Hz	160 mm	35 mm	170 mm	...	3500 mm	400 mm	6-8 Bar	70 Lt/min	435x110x150 cm	350 kg



VM 506

ZERO WELDING MACHINE (0,2 mm)

PVC



TECHNICAL SPECIFICATIONS

- Used for welding procedures for plastic profiles at an angle.
- Maximum safety in operation,
- Electropneumatic control
- Welding angle of 30° to 180°.
- Welding time of about 65 seconds.
- Welding height 200 mm (maximum).
- Feature of welding for white profiles and for profiles.
- With a laminated coating.
- The thickness of the seam after the welding of 0.2 mm.
- Cylinders for the upper clamp 'system quickly exhaust valves.
- Support for the long profiles.
- Durable heater and is easily replaceable Tetlon.
- All parameters are adjusted separately.
- Replacement system mold.
- Safety system at low Safety system with low air pressure,
- Produced by the CE.

TECHNICAL DATA

TECHNICAL FEATURES									
		a max.	a min.	b max.	b min.	BAR	Air cons.		
VM 506	2 kW 230V 50Hz	200 mm	40 mm	210 mm	...	6-8 Bar	17 Lt/min	80x78x145 cm	195 kg



TECHNICAL SPECIFICATIONS

- Designed for welding of PVC profiles.
- Maximum operating safety.
- Electro pneumatic controlled.
- Maximum welding endurance,
- Welding Angles: between 30° - 180°s [all degrees].
- Time: approx. 65 seconds.
- Feature of welding for profiles with the laminated covering 0,2.
- Welding Length:160 mm [max.].
- 'Rapid Exhaust System' for Upper pressure pistons.
- Standard arms for long size profiles.
- Durable welding resistance & easily changeable single piece teflon sheet.
- All parametres are separately adjustable.
- Practicle welding mould replacement system.
- Machine interlock against low air pressure
- Designed in accordance with the CE

TECHNICAL DATA

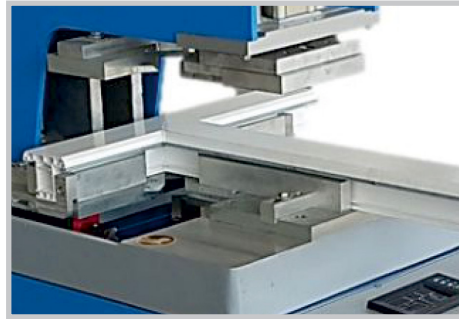
TECHNICAL FEATURES										
		a max.	a min.	b max.	b min.		BAR	Air cons.		
ZW 505	1.6 kW 230V 50Hz	140 mm	40 mm	170 mm	...	$\alpha = 30^\circ - 180^\circ$	6-8 Bar	35 Lt/min	70x60x135 cm	85 kg



TW 510

ERO WELDING MACHINE "V" TYPE

PVC



TECHNICAL SPECIFICATIONS

- Used for welding impost in the form of Type-V
- Maximum safety in operation.
- Electropneumatic control.
- Welding angle of 45 degrees.
- Welding time of about 65 seconds.
- Feature of welding for white profiles and for profiles with a laminated coating.
- The thickness of the seam after the welding of 0.2 mm.
- Durable heater and is easily replaceable Teflon.
- All parameters are adjusted separately.
- Replacement system tsulag.
- Safety system at low temperature.
- Produced by the CE.

TECHNICAL DATA

TECHNICAL FEATURES								
		a max.	b max.	h max.	BAR	Air cons.		
TW 510	3.2 kW 230V 50Hz	150 mm	135 mm	200 mm	6-8 Bar	15 Lt/min	70x70x140 cm	245 kg



CORNER CLEANING
GROUP



CONTENTS

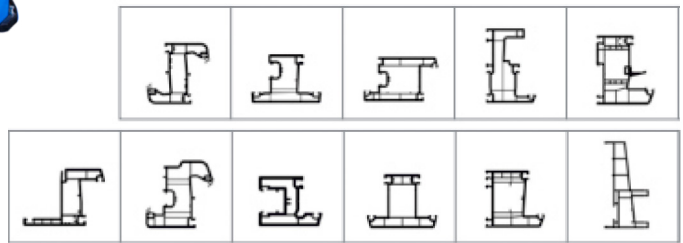
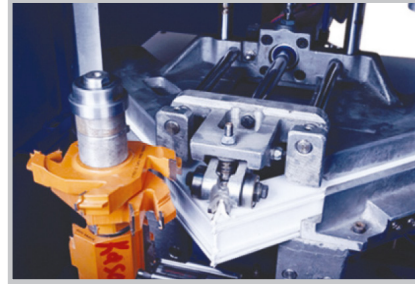
KT 504.4 | 504.2 : 50
KTY 504 : 51



KT 504.4 | 504.2

AUTOMATIC CORNER CLEANING MACHINE

PVC



TECHNICAL SPECIFICATIONS

KT 504.4

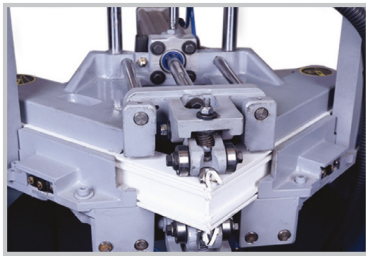
- Designed for cleaning processes of corner and surface of the plastic profiles after welding
- Specially alloyed aluminium table, strong sheet cabin, long-lasting electrostatic paint
- Pneumatic move, automatic running system
- Feature of automatic go-back of the process to the start point
- Secure cover switch at the back that prevents the machine running,
- Centering system that provides the profiles fitting properly to the 45° miter
- Automatic selection of blades for processes of 4 different profiles without changing blades (KTY 504.4)
- Automatic fixing process of the clamps according to profile types
- Cabin bands which are adjustable to ground and isolate vibration
- Designed in accordance with the CE rules.

KT 504.2

- Designed for cleaning processes of corner and surface of the plastic profiles after welding
- Specially alloyed aluminium table, strong sheet cabin, long-lasting electrostatic paint
- Pneumatic move, automatic running system
- Feature of automatic go-back of the process to the start point
- Secure cover switch at the back that prevents the machine running,
- Centering system that provides the profiles fitting properly to the 45° miter
- Automatic selection of blades for processes of 2 different profiles without changing blades
- Automatic fixing process of the clamps according to profile types
- Cabin bands which are adjustable to ground and isolate vibration
- Designed in accordance with the CE rules.

TECHNICAL DATA

TECHNICAL FEATURES								
				BAR	Air cons.			
KT 504.4	2 x 0.55 kW 400V 50Hz	Dmax=230 mm Dmin=80 mm D=32 mm	n=3000 RPM	S=100 mm K=90 mm	6-8 Bar	60 Lt/min	80x110x150 cm	200 kg
KT 504.2	0.55 kW 400V 50Hz	Dmax=230 mm Dmin=80 mm D=32 mm	n=3000 RPM	S=100 mm K=90 mm	6-8 Bar	60 Lt/min	80x110x150 cm	180 kg



TECHNICAL SPECIFICATIONS

- Designed for surface cleaning processes of the plastic profiles after welding
- Specially alloyed aluminium table, strong sheet cabin, long-lasting electrostatic paint
- Pneumatic move
- Centering system that provides the profiles fitting properly to the 45° miter
- Automatic fixing process of the clamps according to profile types
- Cabin bands which are adjustable to ground and isolate vibration.
- Designed in accordance with the CE rules.

TECHNICAL DATA					
TECHNICAL FEATURES					
		BAR	Air cons.		
KTY 504	S=100 mm K=90 mm	6-8 Bar	60 Lt/min	80x110x150 cm	200 kg



END-MILLER GROUP

CONTENTS

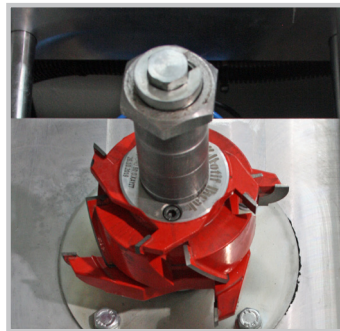
TP 120	: 53
PAC 502	: 54
PAO 502	: 55

TAMING END MILLING MACHINE ALUM. – PVC PROFILE TAMING MACHINE FOR 120mm

TP 120

ALU




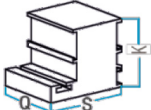



PVC



TECHNICAL SPECIFICATIONS

- Serial blade change.
- PVC and aluminum profiles in the middle register is designed to familiarize
- Mechanical Works as automatic and manual
- According to four different profiles of adjustable recline system.
- Two corner one of the profile in 20 seconds makes the milling process.
- Makes milling various angles.
- Level change (Speed Setting) is done as pneumatic
- Designed in accordance with the CE.
- Cooling system.

TECHNICAL DATA

TECHNICAL FEATURES								
					BAR	Air cons.		
TP-120	2.2 kW 380V 50Hz	D=180mm (max) d=30 mm	3000 D/min. RPM	K=120mm(max)	6-8 Bar	10 Lt/min	90x48x106 cm	120 kg



PAC 502

TAMING END MILLING MACHINE DOUBLE BLADED




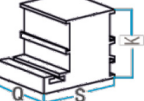



PVC

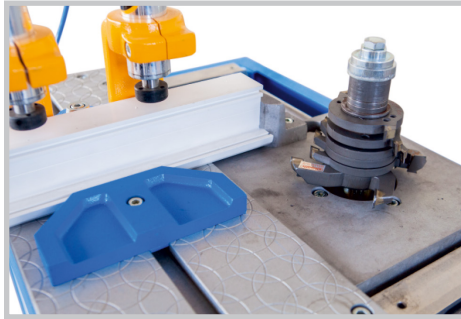


TECHNICAL SPECIFICATIONS

- PVC and aluminum profiles in the middle register is designed to familiarize
- Mechanical works as automatic and manual
- According to four different profiles of adjustable recline system.
- Two corner one of the profile in 20 seconds makes the milling process.
- Makes milling various angles.
- Level change (Speed Setting) is done as pneumatic
- Designed in accordance with the CE.

TECHNICAL DATA








TECHNICAL FEATURES								
					BAR	Air cons.		
PAC-502	1.1 kW 400V 50Hz	D=150mm (max) d=30 mm	3000 D/min. RPM	K=80mm(max) S=75mm(max) Q=.....	6-8 Bar	5 Lt/min	81x55x120 cm	105 kg



TECHNICAL SPECIFICATIONS

- PVC and aluminum profiles in the middle register is designed to familiarize
- Mechanical works as automatic and manual
- According to four different profiles of adjustable recline system.
- Two corner one of the profile in 20 seconds makes the milling process.
- Makes milling various angles.
- Level change (Speed Setting) is done as pneumatic
- Designed in accordance with the CE.

TECHNICAL DATA

TECHNICAL FEATURES								
					BAR	Air cons.		
PAO-502	1.1 kW 400V 50Hz	D=150mm (max) d=30 mm	3000 D/min. RPM	K=80mm(max) S=75mm(max) Q=.....	6-8 Bar	5 Lt/min	81x55x120 cm	95 kg



SCREWING
GROUP



CONTENTS

SV 520 : 58

SV 520 M : 59



SV 520

AUTOMATIC VERTICAL SCREWING MACHINE


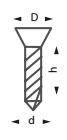
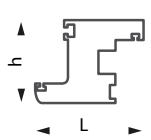
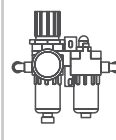
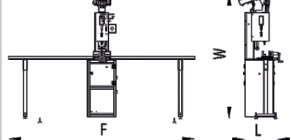
PVC

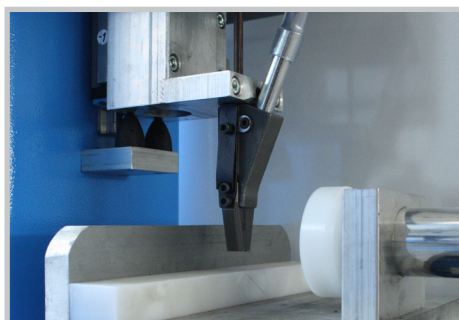


TECHNICAL SPECIFICATIONS

- Perpendicular position Screwing machine
- Adjustment of a basic condition for different profiles
- Pneumatic driving and management of the machine tool
- For practical works, management of a pedal
- Automatic horizontal fixing of a structure is carried out by means of a pneumatic clip
- An automatic power unit
- Adjustment of depth screwing
- The area of work (operation screwing) 35-95 mm
- System standard metrage.
- Time screwing a screw on a basic tin on the average.

TECHNICAL DATA



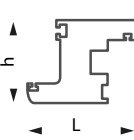
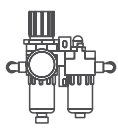
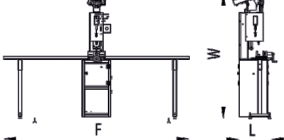
TECHNICAL FEATURES					
SV-520	HP 0.52 Kw 0.39 r min 1180 r max 2500	D = 9 mm h = 22 mm d = 3 mm	L max=150 mm h max=90 mm L min=20 mm h min=30mm	6-8 Bar	F=265 cm W=185 cm L=45 cm

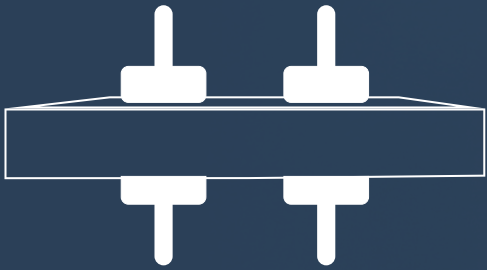


TECHNICAL SPECIFICATIONS

- Perpendicular position Screwing machine
- Adjustment of a basic condition for different profiles
- Pneumatic driving and management of the machine tool
- For practical works, management of a pedal
- Automatic horizontal fixing of a structure is carried out by means of a pneumatic clip
- Adjustment of depth screwing
- The area of work (operation screwing) 35-95 mm
- System standard metrage.
- Time screwing a screw on a basic tin on the average.

TECHNICAL DATA

TECHNICAL FEATURES					
SV-520 M	HP 0.52 Kw 0.39 r min 1180 r max 2500	D = 9 mm h = 22 mm d = 3 mm	L max=150 mm h max=90 mm L min=20 mm h min=30mm	6-8 Bar	F=265 cm W=185 cm L=45 cm



MOUNTING STATION
GROUP





CONTENTS

SM 2200	: 62
SCM 400	: 63
PMA 300	: 64
PM 300 KM 200	: 65



SM 2200

PVC SASH HARDWARE MOUNTING STATION (MULTIFUNCTIONS)


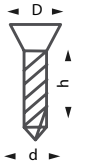
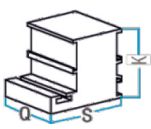




PVC



TECHNICAL SPECIFICATIONS

- Ease of PVC sash frames hardware assembly.
- Top and bottom shelves for hardwares.
- Cuts double opening hardwares with requested measurements and screws them on frame.
- Single opening espagnolette on door sashes can be mounted.
- Single and double opening sash hardwares can be mounted.
- Triple drilling and espagnolette hole opening on sash frames.
- Drills hinge and pin holes on right and left sashes.

TECHNICAL DATA

TECHNICAL FEATURES								
					BAR	Air cons.		
SM 2200	1.6 kW 400V 50Hz	D = 9 mm h = 22 mm d = 3 mm	S= 100mm (min) K=115mm (min)	amin= 400mm amax = 2200mm bmin= 400mm bmax = 2200mm	6-8 Bar	60 Lt/min.	3100x3100x2000 cm	600 kg

ALU

PVC



TECHNICAL SPECIFICATIONS

- Fast installation of glass on the windows and doors.
- Glazed joinery transferring to package on rollers.
- Parallel block clamps allow you to set an appropriate balance.
- Raising the work piece up provides easy installation

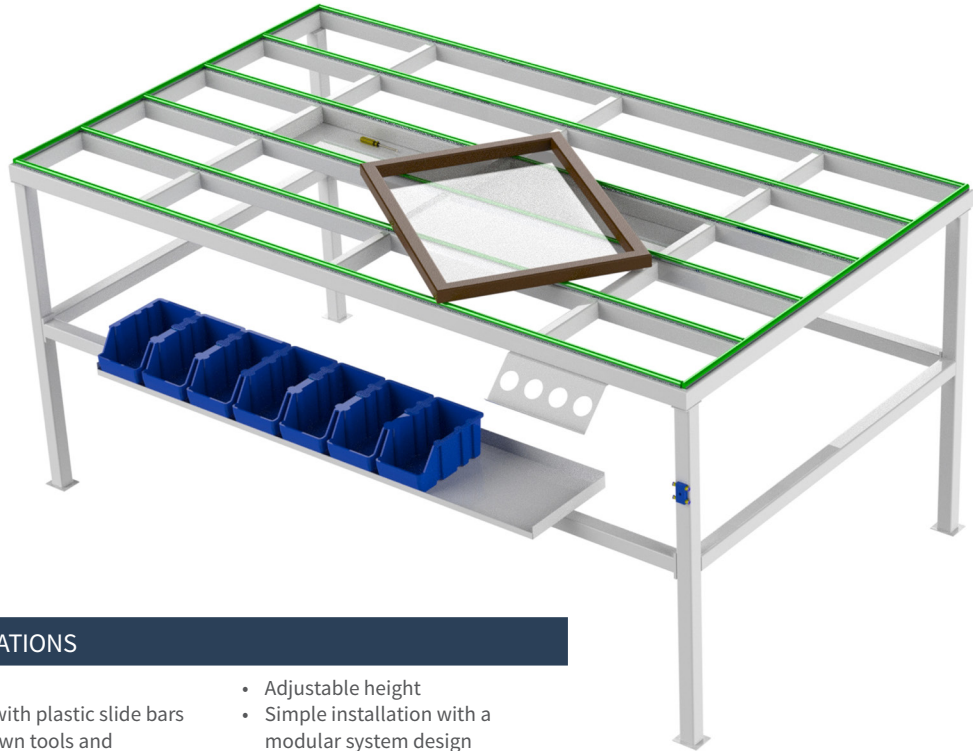
TECHNICAL DATA

TECHNICAL FEATURES					
		BAR	Air cons.		
SCM-400	amax= 2700mm bmin= 400mm	6-8 Bar	10 Lt/min.	104x303x202 cm	400 kg



PMA 300
PM 300

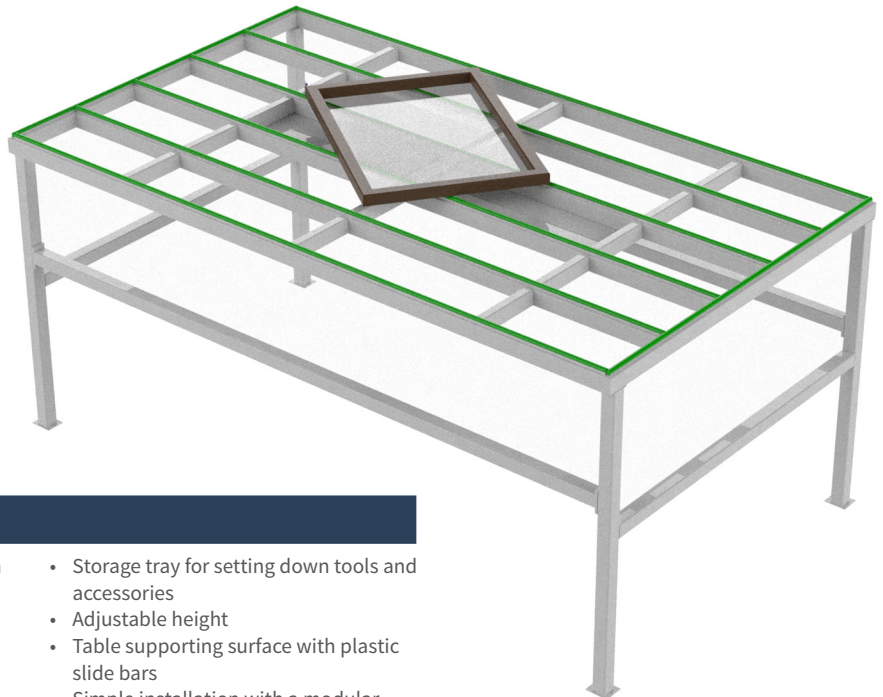
PMA 300



TECHNICAL SPECIFICATIONS

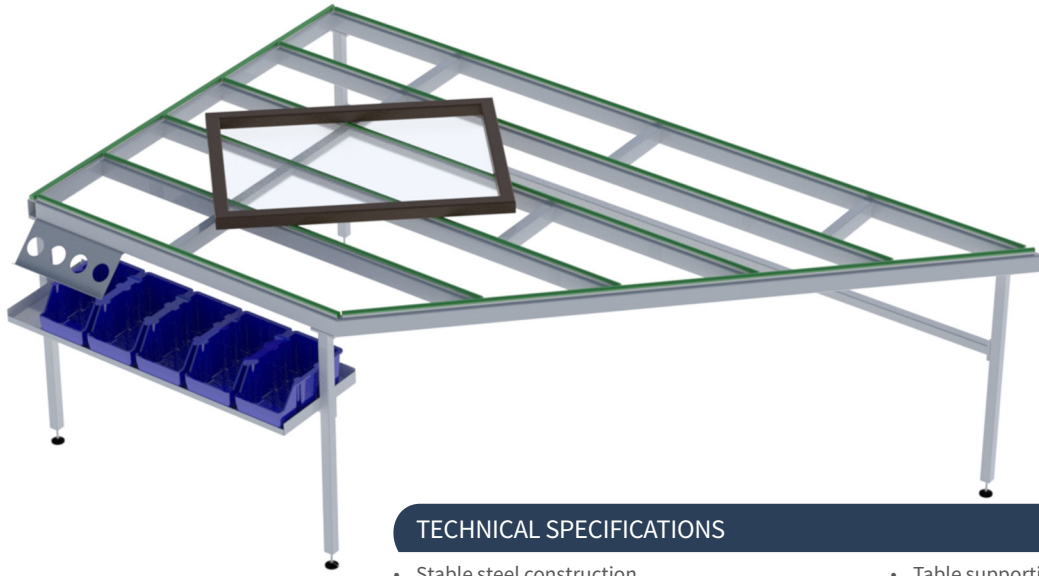
- Stable steel construction
- Table supporting surface with plastic slide bars
- Storage tray for setting down tools and accessories
- Adjustable height
- Simple installation with a modular system design

PM 300



TECHNICAL SPECIFICATIONS

- Assembly table expandable for all work tasks on frames and sashes
- Stable steel construction
- Assembly table for all work tasks on frames and sashes
- Horizontal frame transportation
- Storage tray for setting down tools and accessories
- Adjustable height
- Table supporting surface with plastic slide bars
- Simple installation with a modular system design.



KM 200

TECHNICAL SPECIFICATIONS

- Stable steel construction
- Angled work table; can be used as a pass-through in the production line or as a buffer zone
- Assembly table for all work tasks on frame sand sashes
- Table supporting surface with plastic slide bars
- Storage tray for setting down tools and accessories
- Adjustable height
- Simple installation with a modular system design



WRT 2000

TECHNICAL SPECIFICATIONS

- It is used for fast assembly process by positioning window laths, wicks and many accessories in desired angular positions.
- With turntable.
- Joystick control panel.



ACCESSORIES GROUP

CONTENTS

DT 50 SB 50 PT 50	: 67
SCT 100 SCT 110 SFT 100	: 68
BW 600 YT 600 T 600	: 69



DT 50
SB 50
PT 50

ACCESSORIES



DT 50

TECHNICAL SPECIFICATIONS

- Trolley dedicated to vertical transportation and storage of cut profiles.

SB 50

TECHNICAL SPECIFICATIONS

- Trolley for accessories, small parts and tools, servicing the assembling workstations.



PT 50

TECHNICAL SPECIFICATIONS

- Trolley for transportation and storage of casement and finished door/ window frames. The resting base has rollers for easier handling of heavy or large size pieces

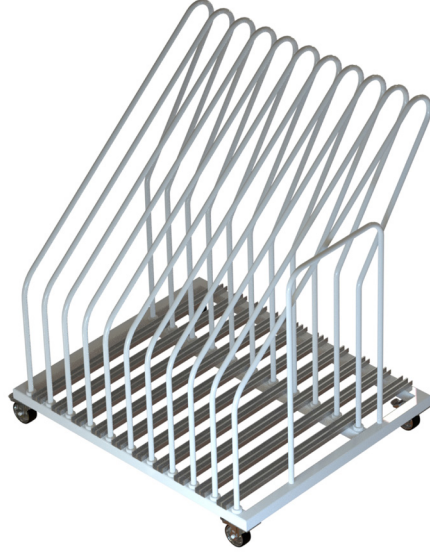




ACCESSORIES
GROUP

SCT 100
SCT 110
SFT 100

ACCESSORIES



SCT 100

TECHNICAL SPECIFICATIONS

- Trolley for transportation and storage of casement and finished door/ window frames. The resting base has rollers for easier handling of heavy or large size pieces.

SCT 110

TECHNICAL SPECIFICATIONS

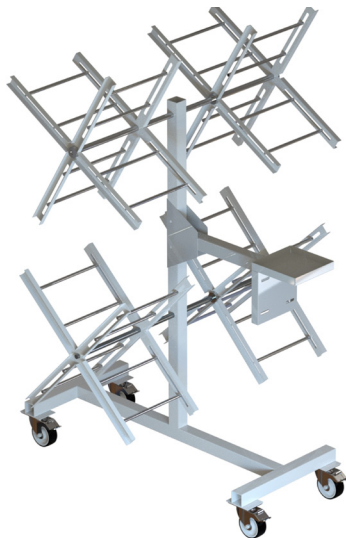
- Trolley designed for transportation storage of glasses and panels.



SFT 100

TECHNICAL SPECIFICATIONS

- Gasket trolley. Reel with brake and gasket guide ensure trouble free gasket unwinding. It is equipped with a quick gasket roll change system.





BW 600

TECHNICAL SPECIFICATIONS

- BW-600 is a trolley used at the end of the line as a single tool for storing the finished doors and windows in the factory and transporting them to the worksite.

YT 600

TECHNICAL SPECIFICATIONS

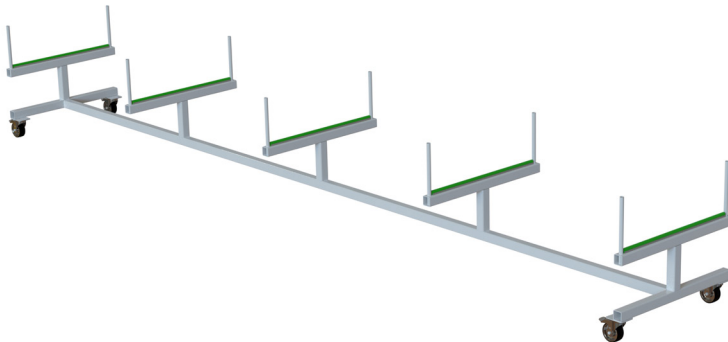
- Trolley dedicated to horizontal transportation and storage of cut profiles.

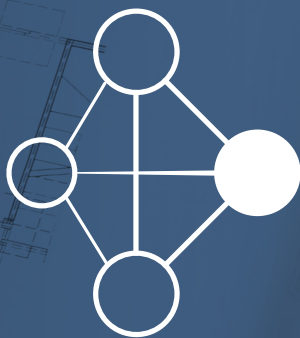


T 600

TECHNICAL SPECIFICATIONS

- Big size trolley designed for transportation and storage of profiled bars during the cutting phase.





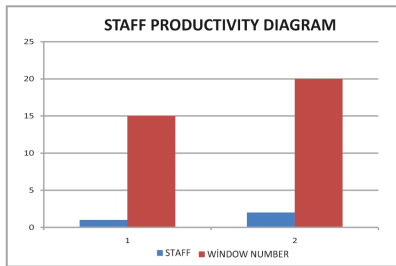
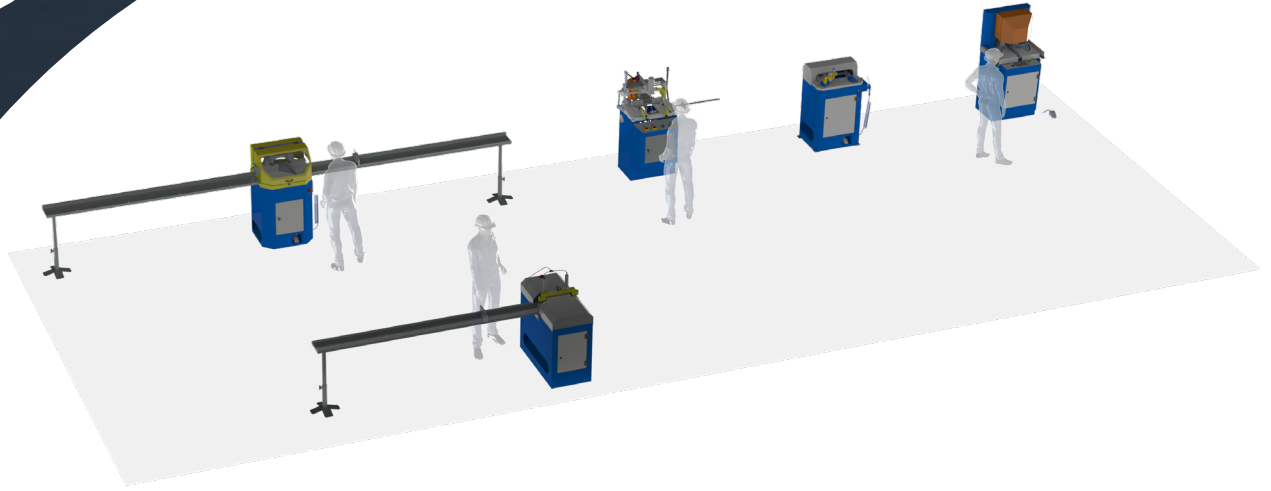
FACTORY PLAN

CONTENTS

TM 01 TM 02	: 71
TM 03 TM 04	: 72
TM 05	: 73

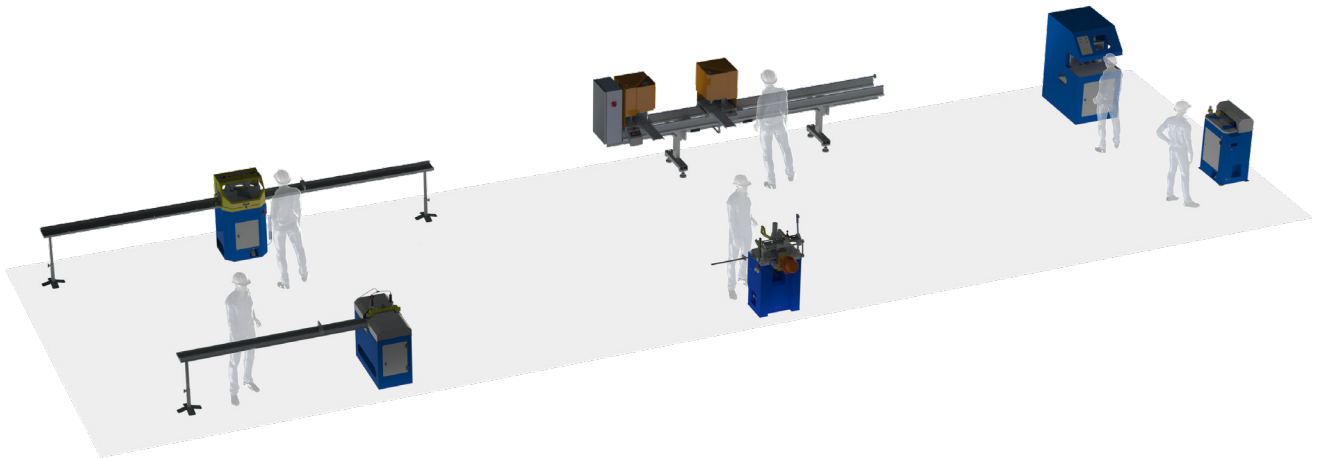


TM 01

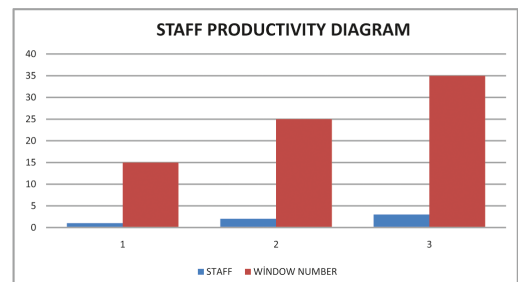


MACHINE	MANUFACTURE AREA	ENERGY CONSUMPTION	
		ELECTRIC(kw)	AIR(L / Min.)
PK 503	65 M ²	11 kw	30 L
ÇKY 501			
SE 510			
ZW 505			
PAO 502			

TM 02



MACHINE	MANUFACTURE AREA	ENERGY CONSUMPTION	
		ELECTRIC(kw)	AIR(L / Min.)
PK 503	75 M ²	15 kw	33.00 L
ÇKY 501			
SE 510			
ZW 505			
PAO 502			



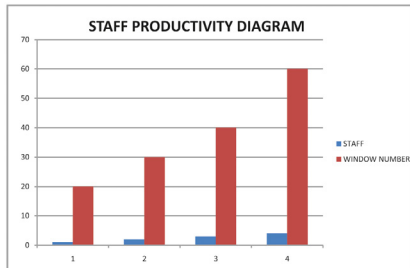
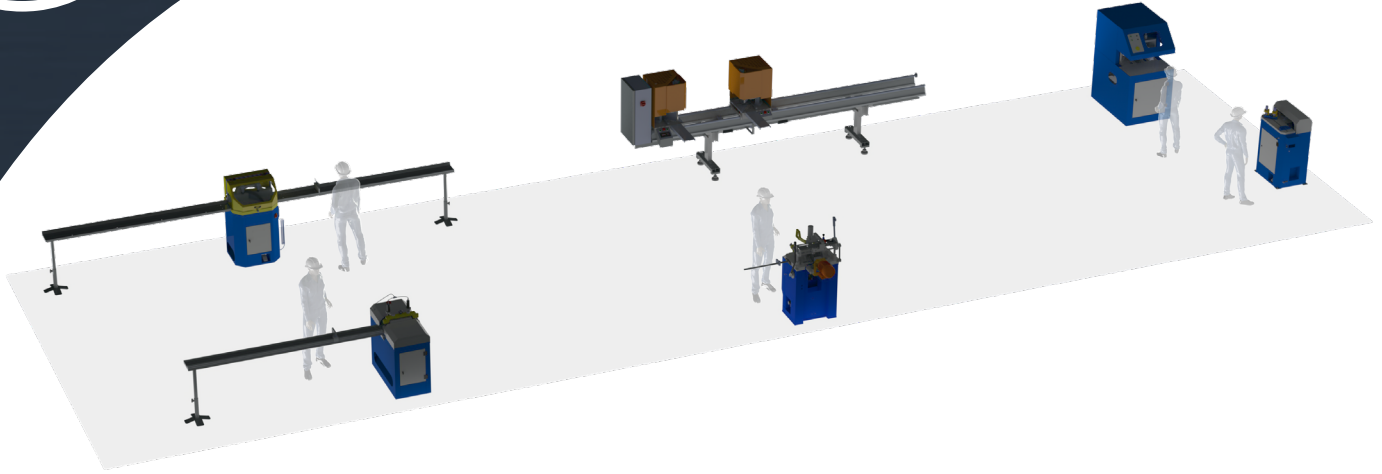


FACTORY
PLAN

TM 03
TM 04

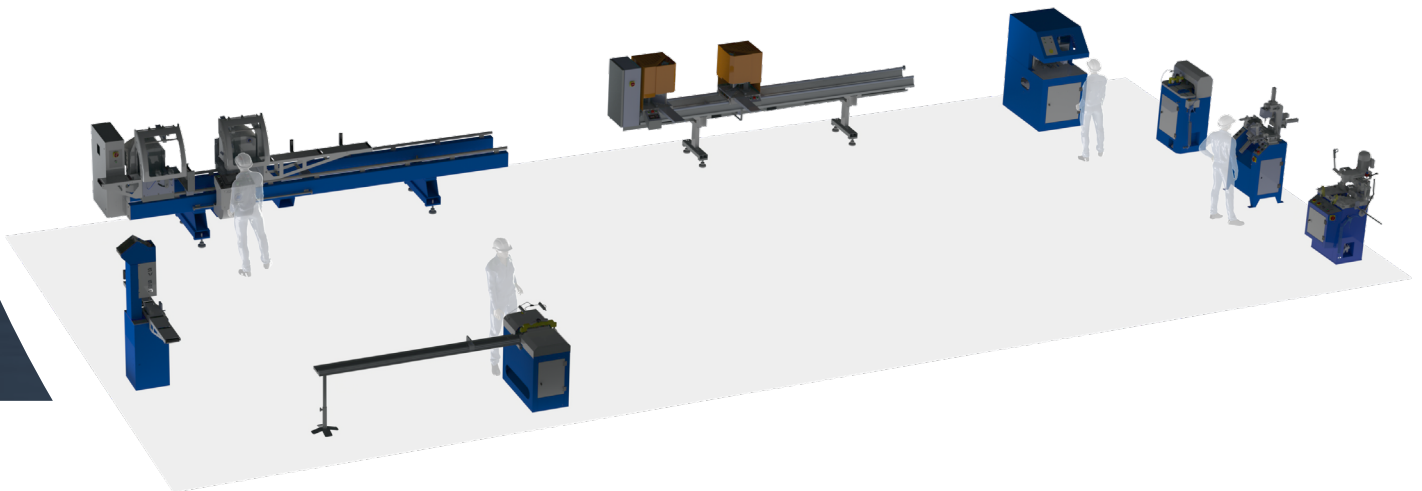
FACTORY PLAN

TM 03

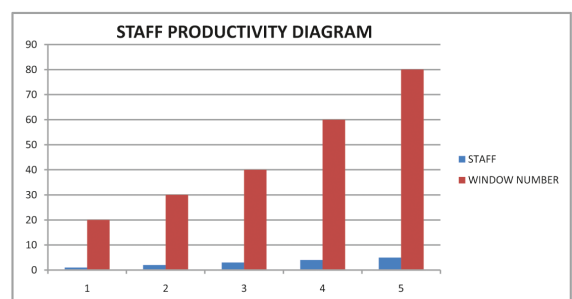


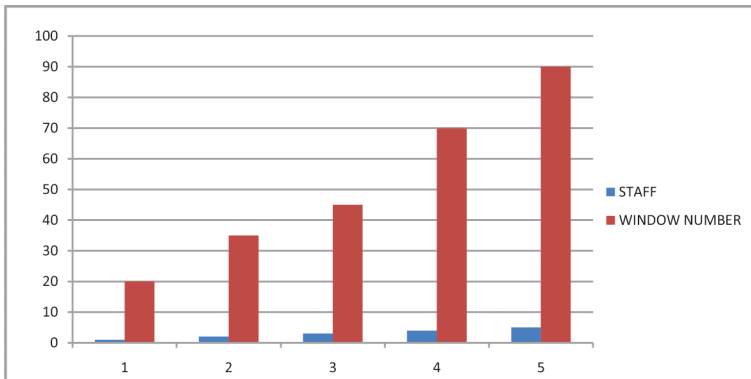
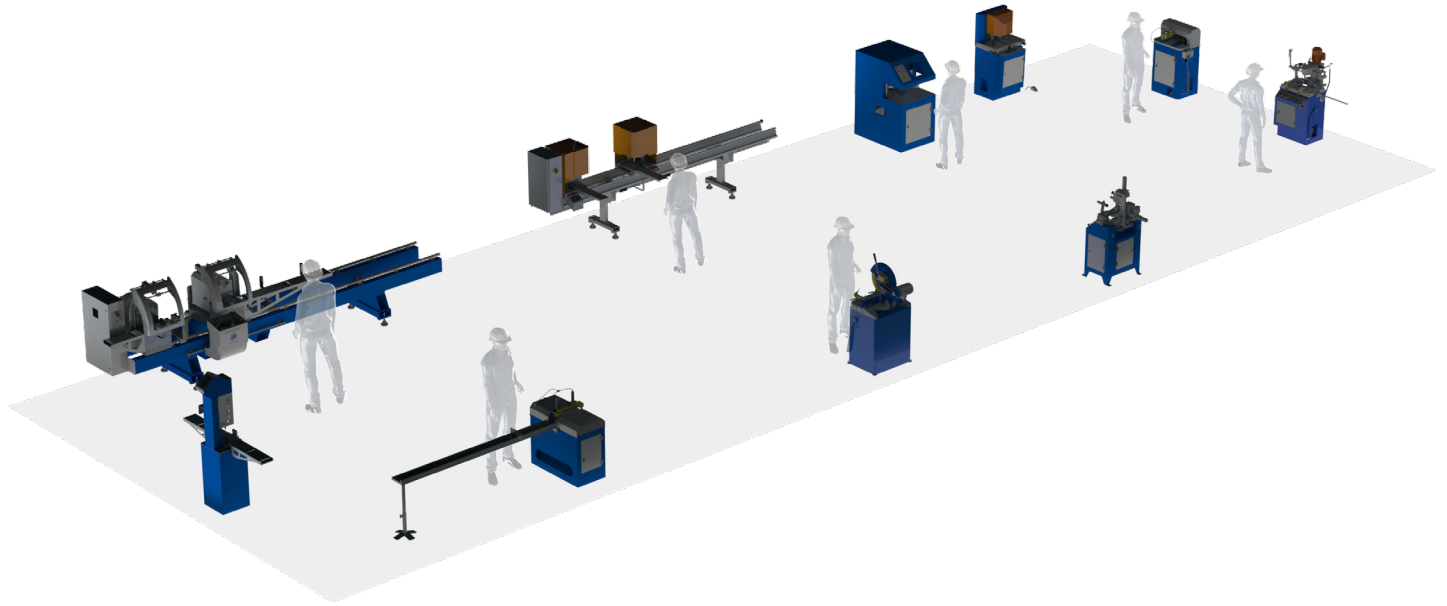
MACHINE	MANUFACTURE AREA	ENERGY CONSUMPTION	
		ELECTRIC(kw)	AIR(L / Min.)
PK 503	85M ²	18 kW	35.00 L
ÇKY 501			
SE 510			
DZW 500			
PAO 502			
KT 504-4			

TM 04

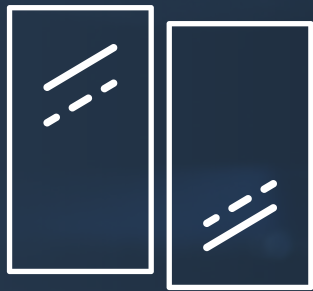


MACHINE	MANUFACTURE AREA	ENERGY CONSUMPTION	
		ELECTRIC(kw)	AIR(L / Min.)
ÇKK400	110M ²	20 kW	35.00 L
ÇKY 501			
SEA 505			
DZW 500			
KT 504-4			
SO 510			
SV 520			
PAC 502			





MACHINE	MANUFACTURE AREA	ENERGY CONSUMPTION	
		ELECTRIC(kw)	AIR(L / Min.)
ÇKF 420	140M ²	25 kw	50.00 L
ÇKY 501			
SA 505			
DZW 500			
KT 504-4			
SO 510			
SV 520			
PAC 502			
PC 400			
ZW 505			



INSULATED
GLASS GROUP




CONTENTS

PR 180 : 76

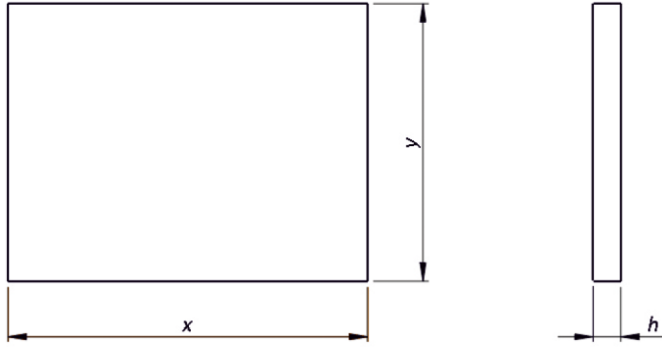
PR ECO : 77



TECHNICAL DATA

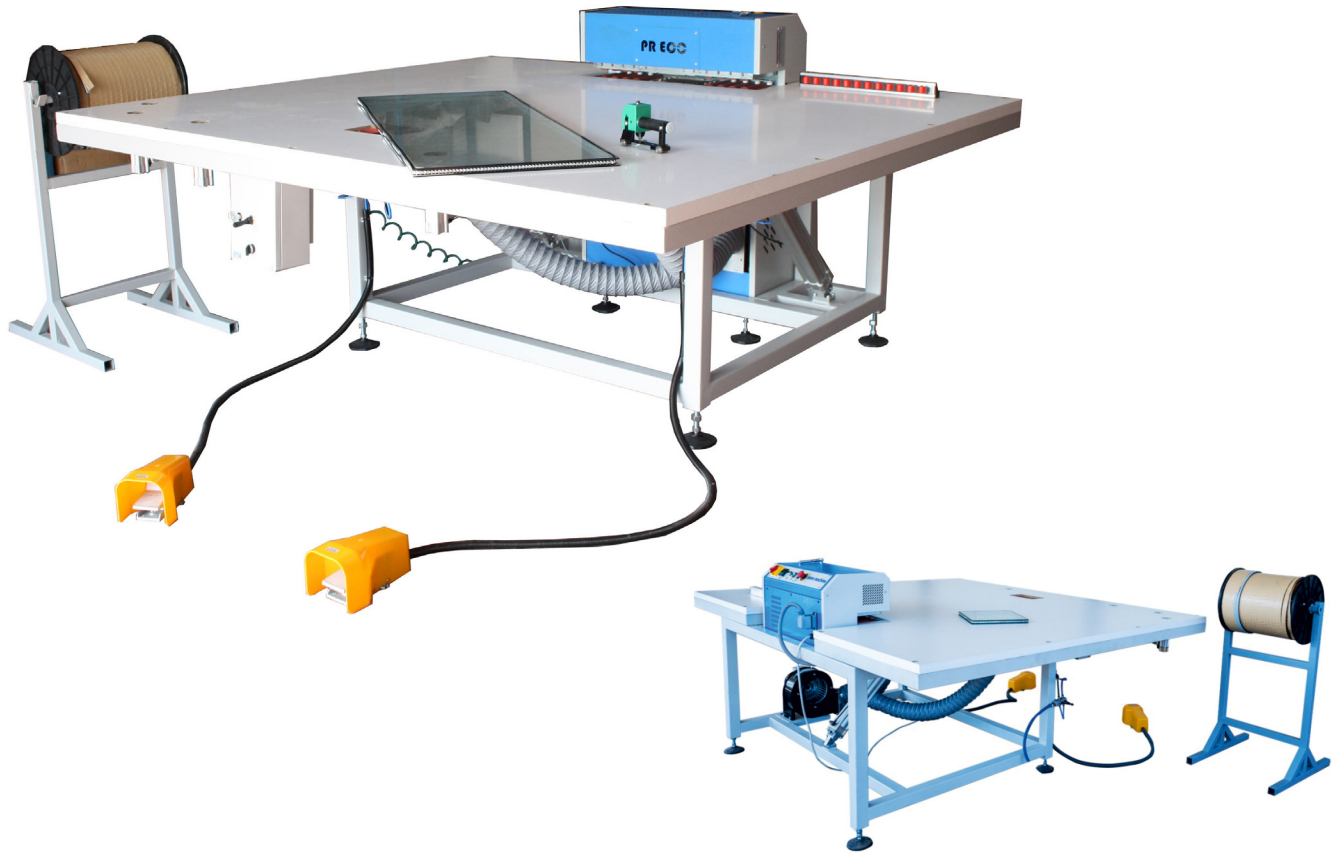
TECHNICAL FEATURES				 WxLxH	 KG
		BAR	Air cons.		
PR 180	23 kW 380V 50Hz	6-8 Bar	20 Lt/min	5255x2225x1300 cm	1450 kg





PROCESSING

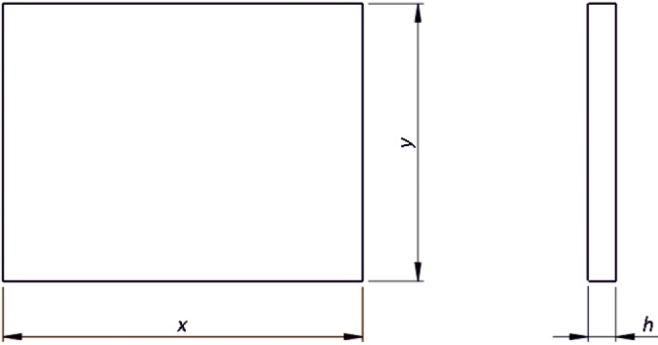
					
x min	x max	y min	y max	h min	h max
-	2500 mm	-	1700 mm	0 mm	50 mm

HOT PRESS MACHINE (ECONOMIC)

**PR
ECO**



TECHNICAL DATA					
TECHNICAL FEATURES				 WxLxH	 KG
		BAR	Air cons.		
PR ECO	4 kW 220V 50Hz	6-8 Bar	20 Lt/min	2400x2100x1169 cm	270 kg

PROCESSING					
					
x min	x max	y min	y max	h min	h max
-	2500 mm	-	1700 mm	13 mm	45 mm



METRAGE SYSTEM





CONTENTS

UM 270	:	80
AKS 01 AKS 02	:	81
AKS 03 AKS 04 AKS 05	:	83

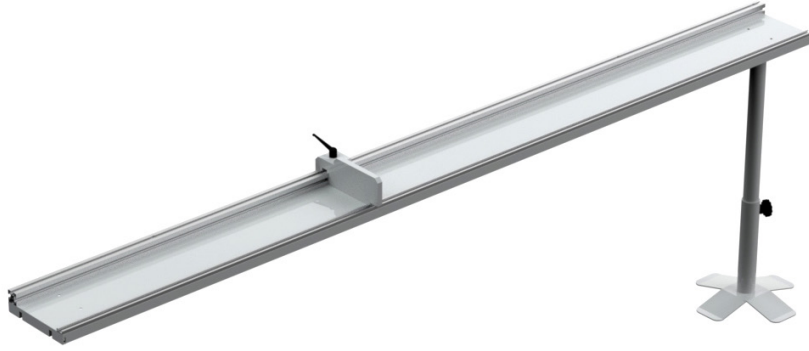


OPTIONAL



TECHNICAL SPECIFICATIONS

- Servo-motor
- Max: 2700 mm Min: --- mm
- ± 0.1 precision
- Conveyor opening option to receive material
- Can be mounted on other cutting machines
- PLC control
- Touch screen



AKS 01



AKS 02



AKS 03
AKS 04
AKS 05

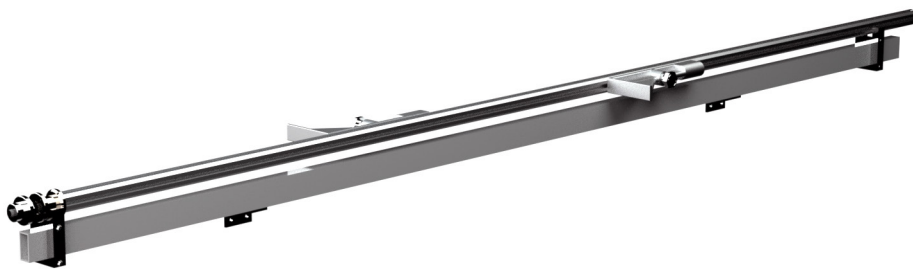
UNIVERSAL METRAGE SERVO SYSTEM



AKS 03



AKS 04



AKS 05



INSULATED
GLASS GROUP

MACHINING
CENTERS

CUTTING
GROUP

FACTORY
PLAN

WELDING
GROUP

ACCESSORIES
GROUP

COPY ROUTER
GROUP

MOUNTING STATION
GROUP

CORNER CLEANING
GROUP

SCREWING
GROUP

END-MILLER
GROUP