

GENERAL
CATALOG
2022



WHAT HAPPENS WHEN
MASTERY & SPEED
COME TOGETHER?



www.sonmakpvc.com

ABOUT US

Sonmez Machine is one of leading manufacturer of machinery for PVC and ALUMINIUM door & window production. We have started the production of PVC & ALUMINIUM machinery at 1998 with fabrication of just some simple machines. Today we are serving in our factory 6000 m2 closed area with over 40 different types of machines with highly qualified crew and latest technology with CNC centers.

We become well-known brand of our sector as low cost but most solid and quality machinery manufacturer Brand "**Sonmez Machine**".

Starting the production of few machines in first year of our company, today we are producing 40 models of machines. We have all system of PVC profiles processing machines beside we produce machines for ALUMINIUM processing

machines with Hydro Pneumatic systems. Recently we added our new CNC PROFILE PROCESSING MACHINES to our production gamme.

By giving the importance to Quality, we have obtained the Management System Quality Certificate (ISO 9001:2000 TUV CERT) and European Safety Standards Conformity Certificate (CE). And we really respect the reglementation of "CE" requirements because of our %70 of sales are going to European Buyers. We have also quality control for our machines in each step of manufacturing and at the end of manufacturing, we try our machines in a real working atelier to see performance. We assure and certify 2 years WARRANTY by our company for all machine we supply. We have 2 active service men has got European Passport for easy travel and quick operations in case of failure or installations.



Sonmez Machine has got marketing policy on the principles of partnership. In most of our markets we work with a single buyer and we consider our buyers as our long term partners in business. But some special markets we collaborate with different buyers and even we are flexible to produce with different brand names and colors for possible collaborations. We even produce machines for machinery companies catalogues in some countries. Since our first years, we collaborate over 46 countries in 5 continent and beside some final customers, most of them our regular buyers.

Since we believe the sense of high quality and good prices on machinery, we will continue our journey in this field by serving to our partners with full customer satisfaction and happiness...



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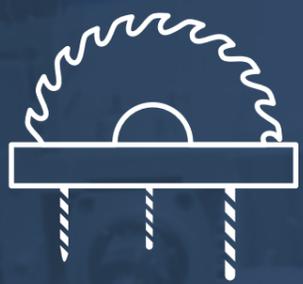
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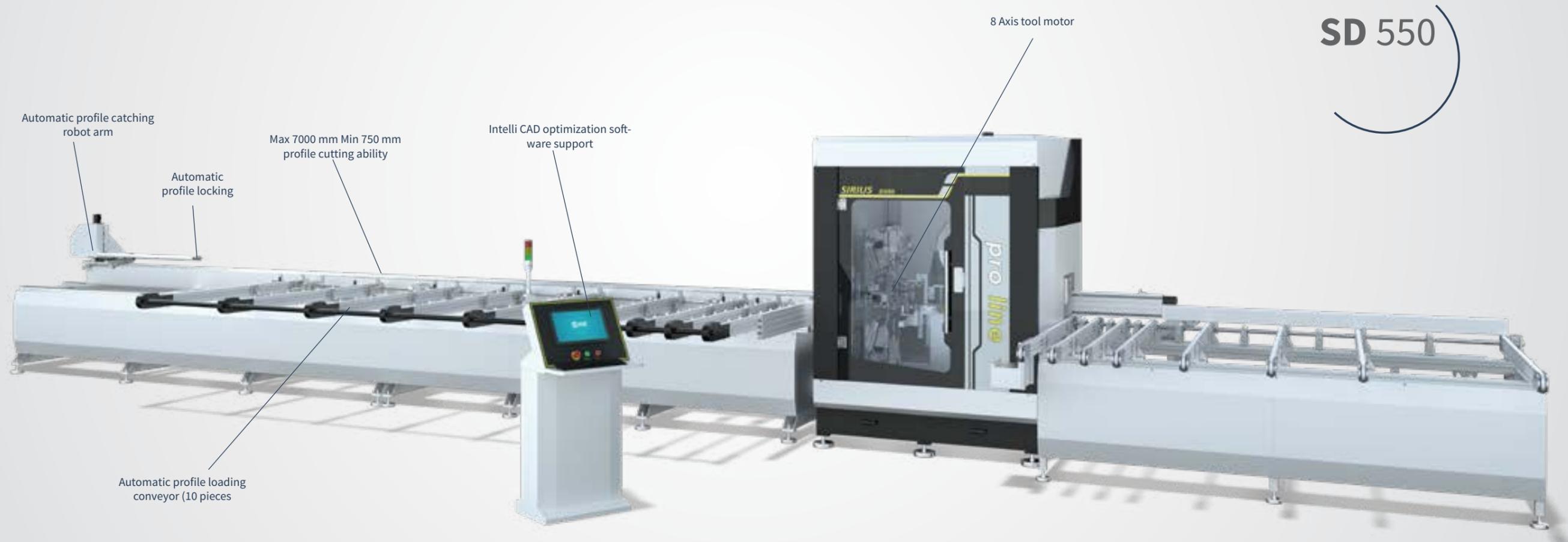
MACHINING CENTERS

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SD 550



Watch Now





SD
550

PVC PROFILE MACHINING AND CUTTING CENTER

PVC

CNC PVC PROFILE CORNER CLEANING MACHINE

SCC
100

PVC



TECHNICAL SPECIFICATIONS

- It carries out the milling and cutting operations of PVC Profiles
- Provides measurement stability thanks to its linear measuring system
- It has automatic lubrication system
- Thanks to its easy-to-use and flexible operating system, it works compatible with all 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 port
- 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 size automatically. (There is an infinite length processing option)
- There is a warning system that prevents setting the wrong profile.
- Exit robot automatically transfers onto the conveyor.
- If desired, a label can be printed out from the barcode printer for each finished piece, and convenience can be provided for the production organization.

TECHNICAL DATA							
TECHNICAL FEATURES							
				BAR	Air cons.		
SIRIUS D 550	15 kW 380-400V 3 ph 50-60 Hz	Ø550 mm	3000 D/min. RPM	6-8 Bar	450 Lt/min.	13650 x 2650 x 2450 mm	4500 kg

TECHNICAL SPECIFICATIONS

- CNC control system (2 axis)
- Touch screen panel
- Easy system for profile setup and programming
- High cleaning performance with tools operated by servo control
- Up & bottom gasket hole drills
- Up & bottom inner corner cleaning system
- Up & bottom color - white surface cleaning blade system
- Separate blades for white and laminated profiles
- Adjustment of operating speeds to the desired speeds
- Wide stand with brushes provides easy operation and protects profile surface from scratches
- It is designed to clean PVC frame corners made of 90° angle.
- Cleaning of a corner in min. 9 sec.- max.18 sec. according to profile type.
- Robust mechanical design suitable for high speed production.
- Maximum performance thanks to high quality materials used on its production.
- Automatic greasing system.

TECHNICAL DATA							
TECHNICAL FEATURES							
				BAR	Air cons.		
CAPELLA CC 100	380-400 V, 3 ph, 50-60 Hz	Ø250 mm	2800 D/min. RPM	6-8 Bar	102 Lt/min.	2250 x 2850 x 1980 mm	450 kg



CUTTING GROUP

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CUTTING GROUP

CKF
550

FULL AUTOMATIC DOUBLE CUTTING MACHINE

ALU

PVC



TECHNICAL SPECIFICATIONS

- High precision cutting of PVC and Aluminium profiles
- Strong construction, linear rail and sliding-bearing system for precise length and angle.
- The saw heads tilt automatically for 45° and 90° cutting and easy manual fixation for Intermediate angles
- Easily adjustable blade cutting speed
- Profile support system to balance of the work piece
- Ergonomic design for ease of use
- Self-closing protective hoods for work safety
- Vertical and horizontal pneumatic profile clamping system for the best fixation
- The left head of the machine is fixed and the right head moves on the chassis
- Cooling system to cut Aluminium profiles
- Hydro-pneumatic system to cut Aluminium profiles

TECHNICAL DATA

TECHNICAL FEATURES								
					BAR	Air cons.		
CKF 550	3 kW x 2 340-400V 3ph 50-60Hz	D=550 mm d=30 mm	3000 D/min. RPM	Lmin= 400 mm Lmax=4400 mm	6-8 Bar	20 Lt/min.	1700x5900x2010 mm	1500 kg

FULL AUTOMATIC DOUBLE CUTTING MACHINE
(SERVO SYSTEM)

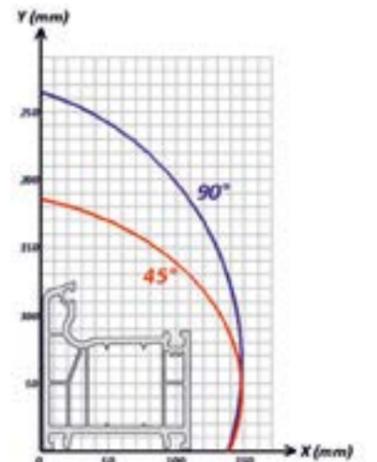
CKF
450

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
- Cutting feature to left 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



CKM
450

MANUEL DOUBLE HEAD CUTTING MACHINE

AUTOMATIC ALUMINIUM SAWING AND DRILLING MACHINE

SC
500

CUTTING
GROUP

ALU

PVC

ALU



TECHNICAL SPECIFICATIONS

- Designed for cutting processes of aluminium and plastic profiles
- Specially alloyed aluminium table, strong sheet cabin, long-lasting eletostatic paint
- Pheunatic 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
- Possibilty 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 profes 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

TECHNICAL SPECIFICATIONS

- Suitable for slicing and vertical hole drilling in large volumes of window and industrial profiles
- Equipped with high performance servo motors
- Time saving is achieved with servo-controlled profile advance speed.
- Horizontal and vertical clamping system
- High cutting precision
- Ability to make multiple cuts in single or bond form
- Saw cooling system
- The machine stops automatically when it reaches the Number of Cuts.
- Pneumatically opening safety cover
- Profile feeding stroke (5 – 1000 mm) in one go. There is no limit to the maximum

TECHNICAL DATA

TECHNICAL FEATURES							
				BAR	Air cons.		
SC 500	4 kW 400V 3ph 50-60 Hz	Ø 500 mm	2500 D/min. RPM	6-8 Bar	165 Lt/min.	1200x5000x2200 mm	620 kg



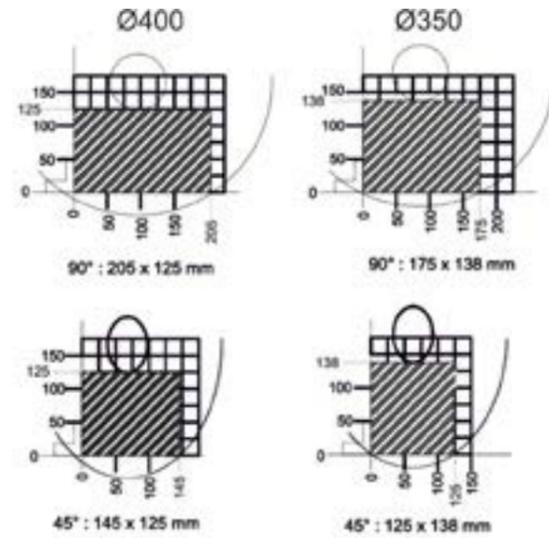
CUTTING GROUP

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.
- Designed 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

AUTOMATIC CUTTING MACHINE

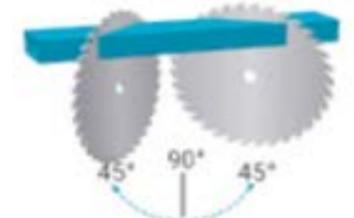
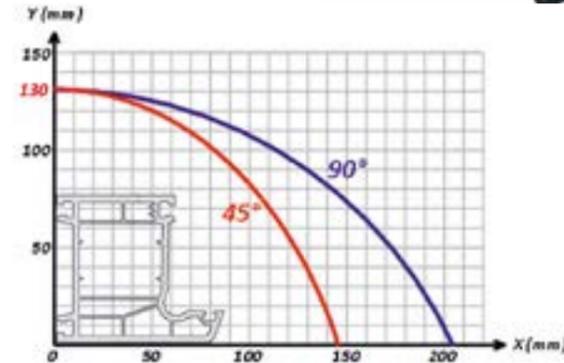
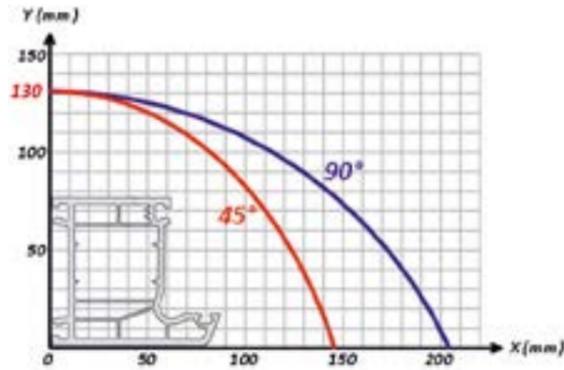
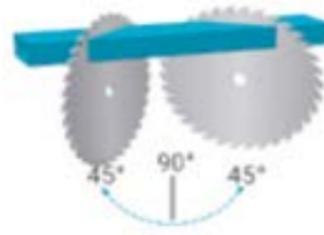
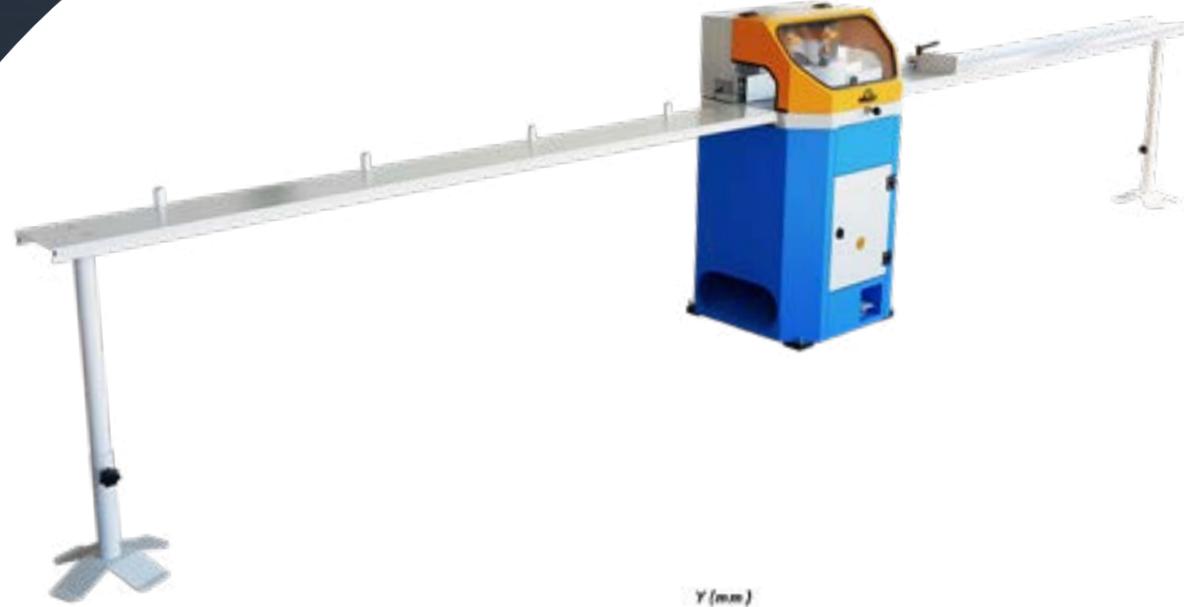
PK 503 - DS

ALU

PVC

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 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

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

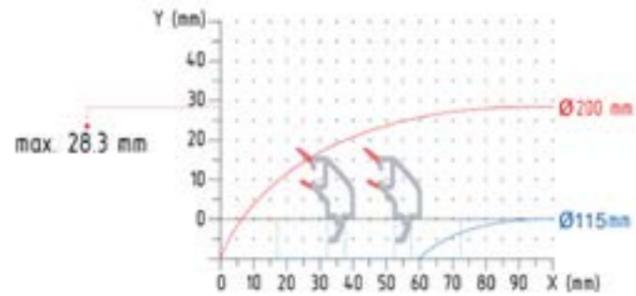


CUTTING GROUP

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

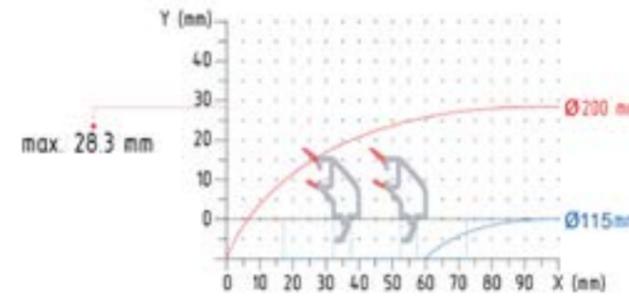
TECHNICAL DATA

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

GLAZING BEAD SAW MACHINE. 4 SAW

CKY
501

PVC



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 replacementa template.
- Standard measuring and conveyorsystem.
- 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

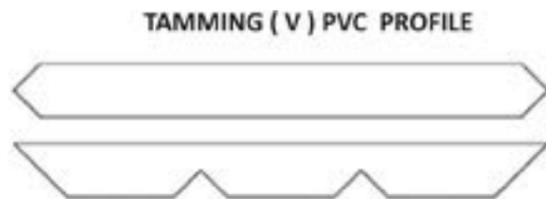


CUTTING GROUP

TC
511

(V) NOTCHING PROFILE MACHINE

PVC



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

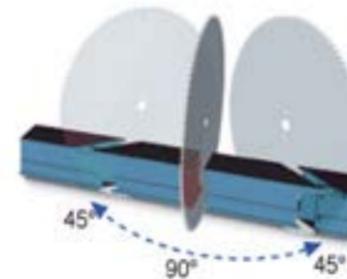
TECHNICAL DATA							
TECHNICAL FEATURES							
				BAR	Air cons.		
TC 511	0.75 kW x 2 400V 50Hz	D=200 mm d=32 mm	3000 D/min. RPM	6-8 Bar	40 Lt/min.	45x100x95 cm	102 kg

MANUAL ANGULAR CUTTING MACHINE **PC 400 P**
PNEUMATIC ANGULAR CUTTING MACHINE **PC 400 S**

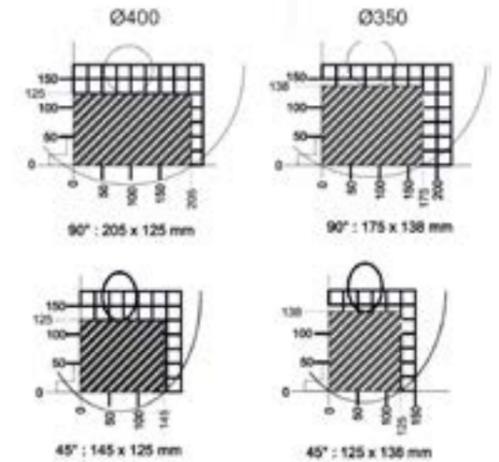
ALU

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

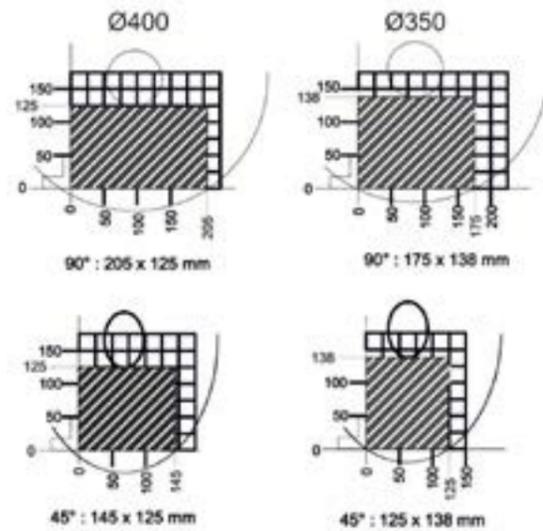
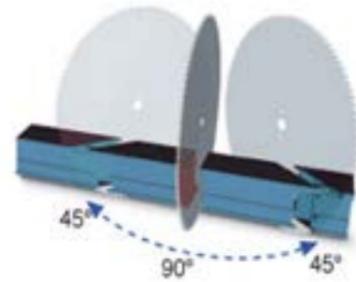
ANGULAR CUTTING MACHINE

TT 315

ALU

PVC

Fe



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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ALU

PVC



ALU

PVC



TECHNICAL SPECIFICATIONS

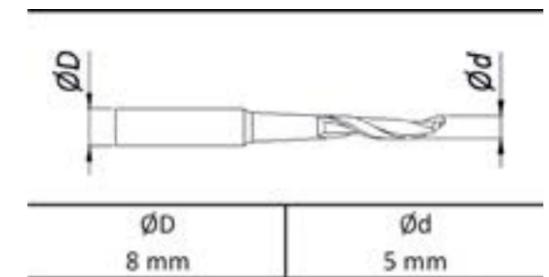
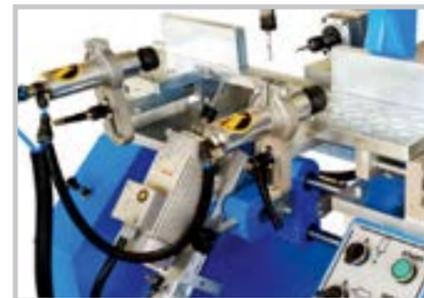
- 1 pc. Vertical and 2 horizontal copy milling motors are available. (3 x 1.1 kW 18.000 rpm)
- It can process 3 sides of the aluminum profile quickly and precisely without turning it.
- There are 4 pneumatic clamps, 2 vertical and 2 horizontal.
- Horizontal and vertical template follower tips are pneumatic 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

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.		
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



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.

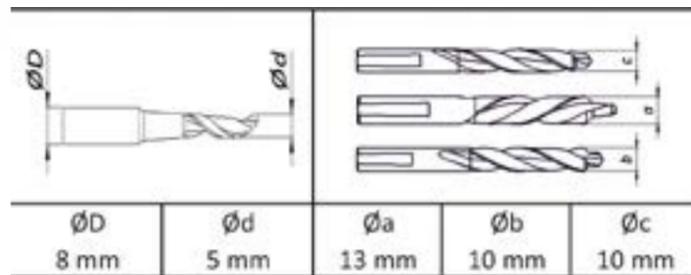
TECHNICAL DATA						
TECHNICAL FEATURES						
			BAR	Air cons.		
PDM 100	2 kW x 1 1.1 kW x 1 220V 300Hz	18000 RPM	6-8 Bar	8 Lt/min.	90x70x160 cm	150 kg

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								
					BAR	Air cons.		
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

PVC



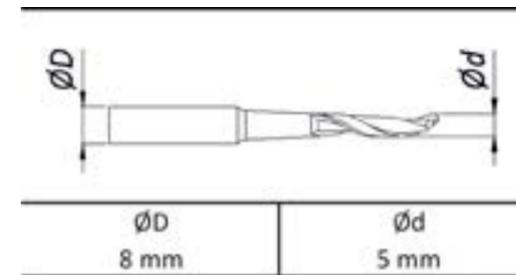
TECHNICAL SPECIFICATIONS

- 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.		
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

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.
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- The milling heads can freely be adjustable in angle, depth and height.
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TECHNICAL DATA

TECHNICAL FEATURES									
						BAR	Air cons.		
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	

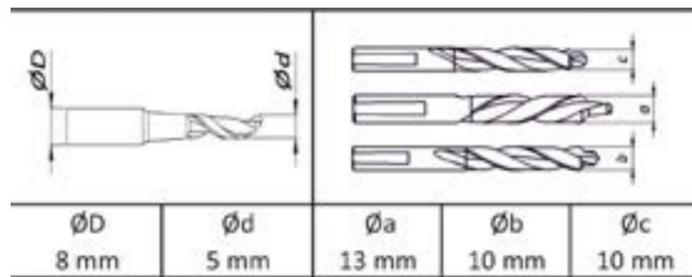


PVC



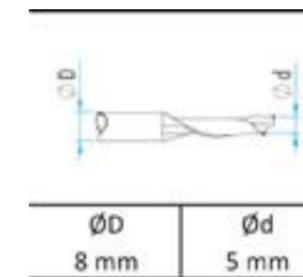
ALU

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 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.		
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

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



CONTENTS

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

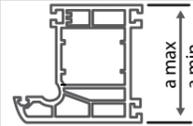


Digital Control Panel

TECHNICAL SPECIFICATIONS

- Used for welding four corners of plastic profiles.
- Pneumatic motion
- Automatic frame output unit
- Process programming and large memory
- Safe working area with safety barrier
- Welding time adjustment and digitally controlled heating
- Temperature adjustment between 0 °C and 350 °C with electronic thermostat
- Touchscreen control panel
- Quick and easy to replace welding mold system
- Batch processing and precision measurement
- 0.2 mm welding range
- Quick and easy to replace hot press teflon
- Remote access
- Data transfer over remote network connection, ethernet and usb
- Alarm and warning sign on screen
- Uniform heat distribution on plate

TECHNICAL DATA

TECHNICAL FEATURES	⚡							
		a max.	a min.	x max.	x min.	BAR	Air cons.	
CW 400	12.5 kW 380-400 V 3ph 50-60Hz	160 mm	40 mm	3750x2650 mm	530x420 mm	6-8 Bar	200-250 Lt/min	2100 kg



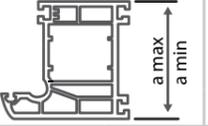
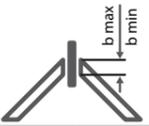
TECHNICAL SPECIFICATIONS

- 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

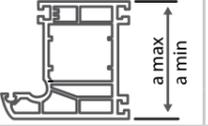
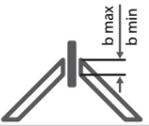
TECHNICAL SPECIFICATIONS

- 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 length: 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 standart.

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 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

PVC



PVC



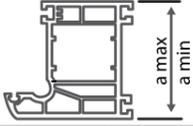
TECHNICAL SPECIFICATIONS

- 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 Teflon.
- All parameters are adjusted separately.
- Replacement system mold.
- Safety system at low Safety system with low air pressure,
- Produced by the CE.

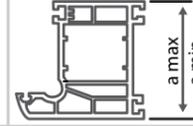
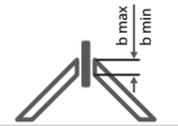
TECHNICAL SPECIFICATIONS

- 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 parameters are separately adjustable.
- Practical 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.	WxLxH	KG
VM 506	2 kW 230V 50Hz	200 mm	40 mm	210 mm	...	6-8 Bar	17 Lt/min	80x78x145 cm	195 kg

TECHNICAL DATA

TECHNICAL FEATURES									
		a max.	a min.	b max.	b min.	BAR	Air cons.	WxLxH	KG
ZW 505	1.6 kW 230V 50Hz	140 mm	40 mm	170 mm	...	6-8 Bar	35 Lt/min	70x60x135 cm	85 kg

PVC

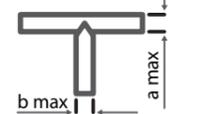


ALU



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.	WxLxH	KG
TW 510	3.2 kW 230V 50Hz	150 mm	135 mm	200 mm	6-8 Bar	15 Lt/min	70x70x140 cm	245 kg

TECHNICAL SPECIFICATIONS

- Corner joining process by pressing the corners of aluminum profiles in large sizes and at high quality standards
- The machine is easy to install and operate
- Thanks to the magnetic blade adjustment system, easy blade adjustment can be made.
- It has the possibility to change the blades simply and quickly.
- High pressing power with hydropneumatic system
- Opportunity to work according to different profile sections
- Small frames can be joined thanks to the specially designed clamping unit.
- The front miter system is designed in accordance with the easy profile loading and unloading system.
- The pressing system is made with a step-by-step foot pedal.
- Support arms are included as standard.

TECHNICAL DATA					
TECHNICAL FEATURES					
		BAR	Air cons.	WxLxH	KG
AP 02	S max =140 mm K max =140 mm	6-8 Bar	60 Lt/min	145x110x130 cm	410 kg

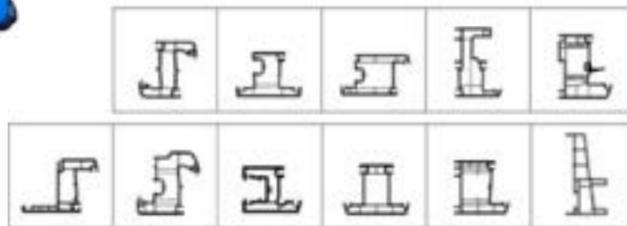


CONTENTS

KT 504.4 504.2	: 50
KTY 504	: 51



PVC



PVC

TECHNICAL SPECIFICATIONS

KT 504.4

- Designed for cleaning processes of corer 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 corer 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 prdiles after welding
- Specially alloyed aluminium table, strong sheet cabin, long-lasting elektrostatic pairt
- Pneumatic move
- Centering system tat 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

ALU

PVC



CONTENTS

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

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. Lt/min		
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



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



CONTENTS

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SV 520 M	: 59



SV
520

AUTOMATIC VERTICAL SCREWING MACHINE

VERTICAL SCREWING MACHINE

SV
520 M



PVC



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 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	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 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



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PMA 300	: 64
PM 300 KM 200	: 65

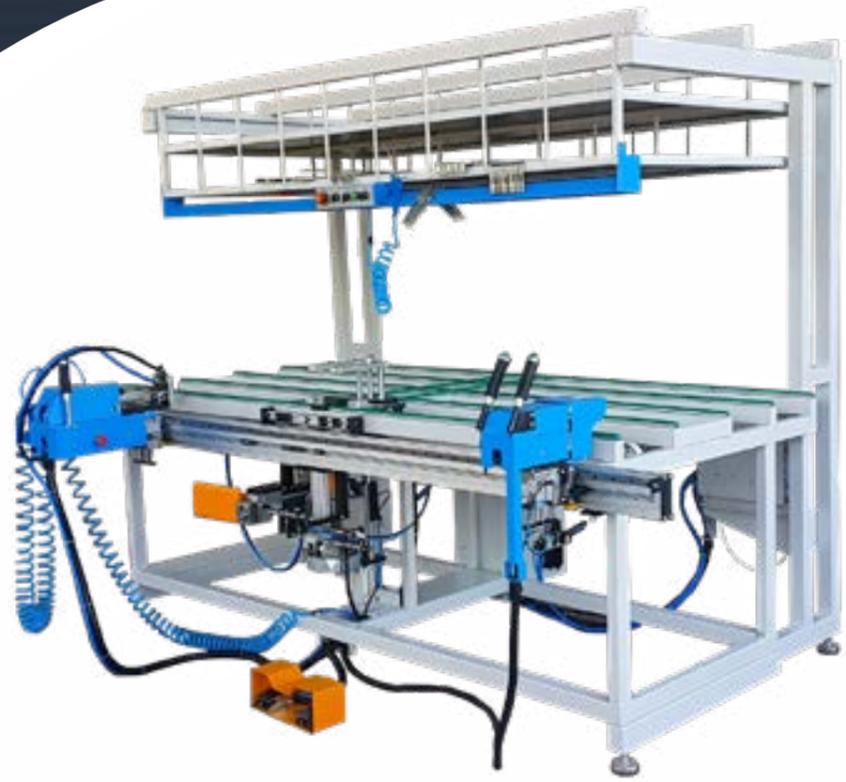


SM
2200

**PVC SASH HARDWARE MOUNTING STATION
(MULTIFUNCTIONS)**

GLAZING UNIT

SCM
400



PVC



TECHNICAL SPECIFICATIONS

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



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								
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	BAR 6-8 Bar	Air cons. 60 Lt/min.	WxLxH 3100x3100x2000 cm	KG 600 kg

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



PMA 300
PM 300

ASSEMBLY TABLE

ASSEMBLY TABLE

KM 200
WRT 2000

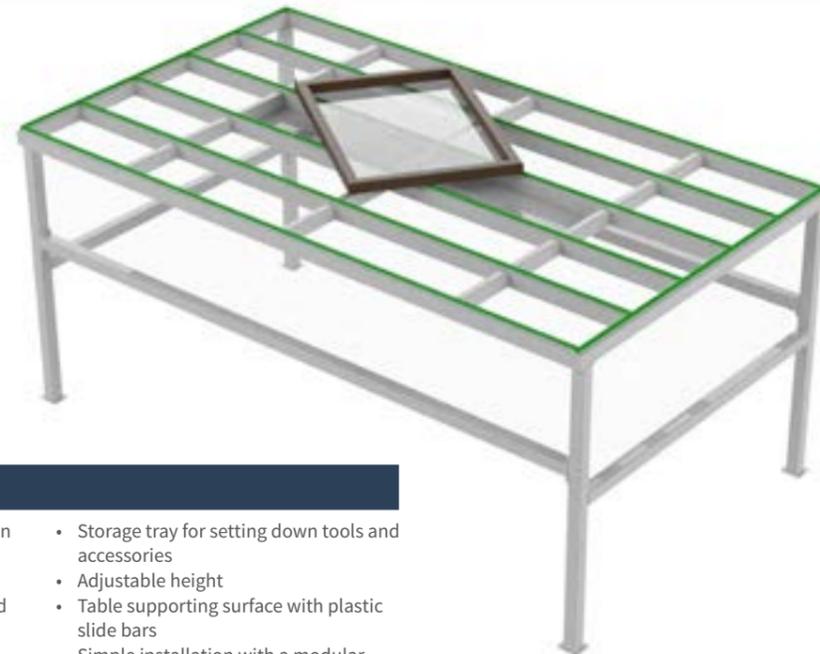
PMA 300



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.



DT 50
SB 50
PT 50



CONTENTS

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



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 case-ment and finished door/ window frames. The resting base has rollers for easier handling of heavy or large size pieces





SCT 100

TECHNICAL SPECIFICATIONS

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



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.

SCT 110

TECHNICAL SPECIFICATIONS

- Trolley designed for transportation storage of glasses and panels.



YT 600

TECHNICAL SPECIFICATIONS

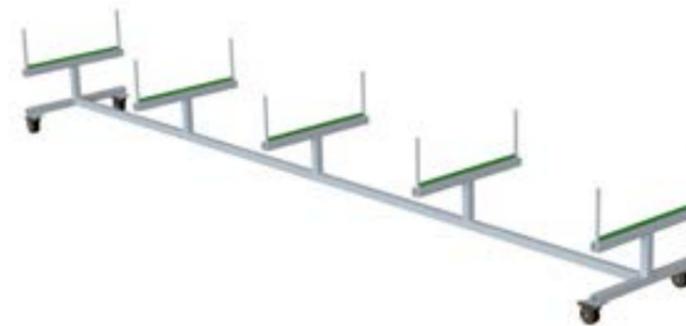
- Trolley dedicated to horizontal transportation and storage of cut profiles.



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.



T 600

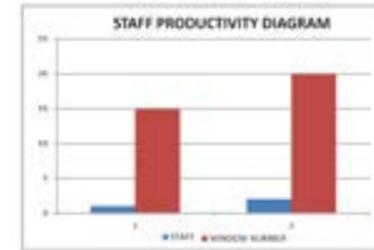
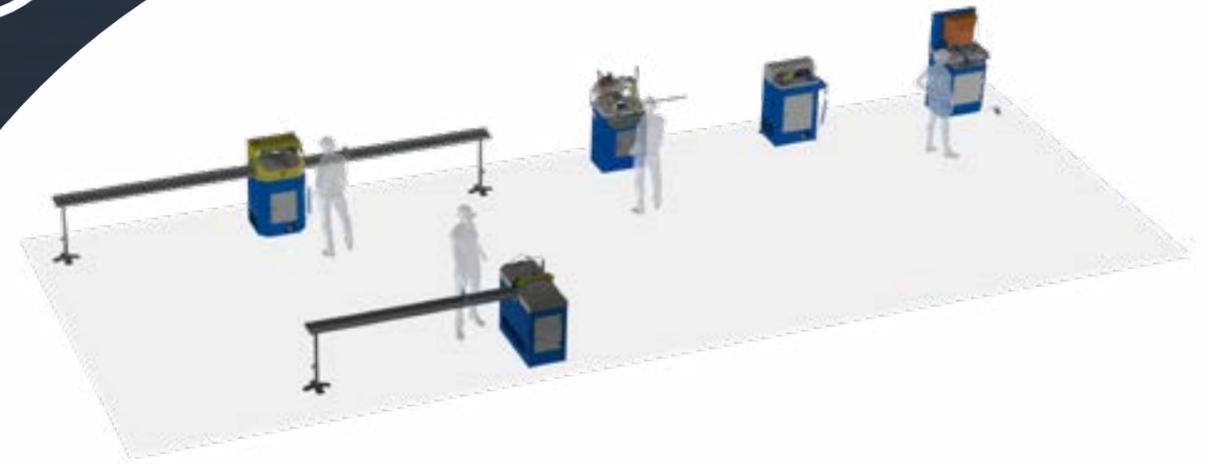
TECHNICAL SPECIFICATIONS

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



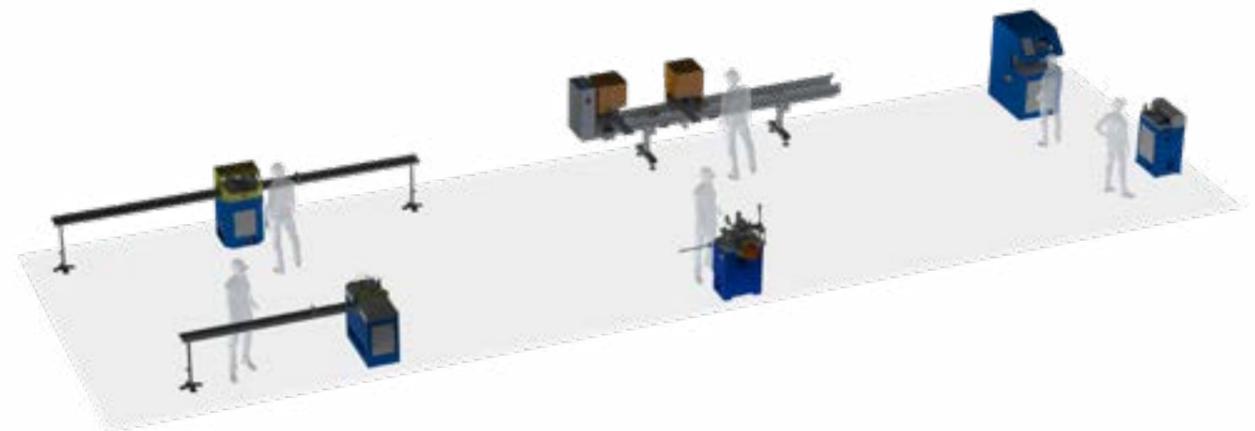
FACTORY
PLAN

TM 01

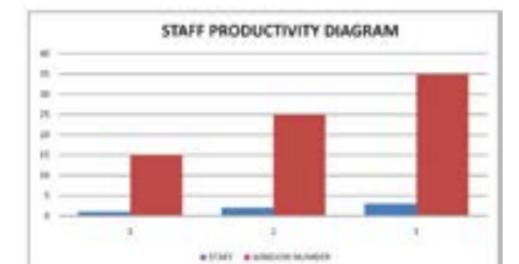


MACHINE	MANUFACTURE AREA	ENERGY CONSUMPTION	
		ELECTRIC(kw)	AIR(L / Min.)
PK 503	65 M ²	11 kw	30 L
ÇKY 501			
SE 510			
ZW 505			
PAO 502			

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			

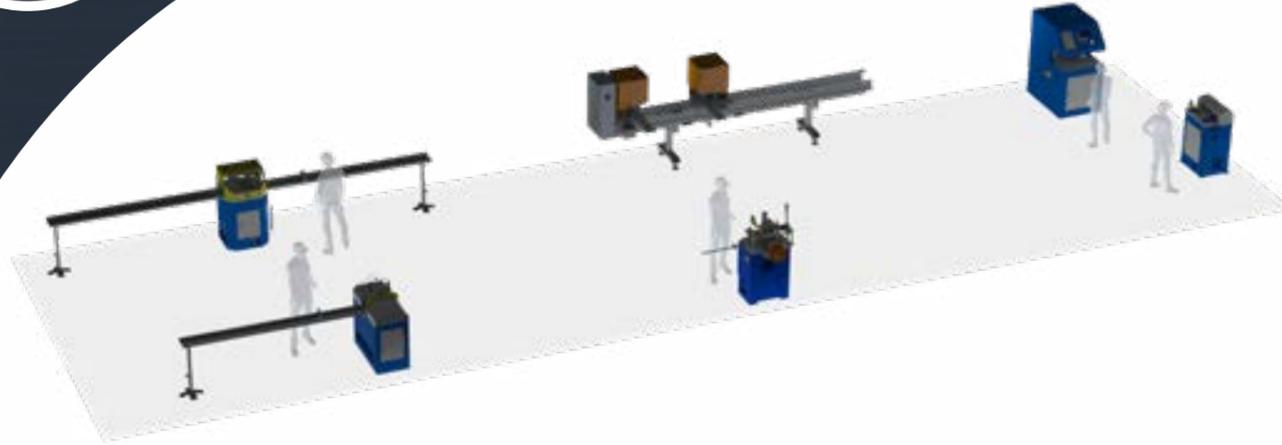


FACTORY
PLAN

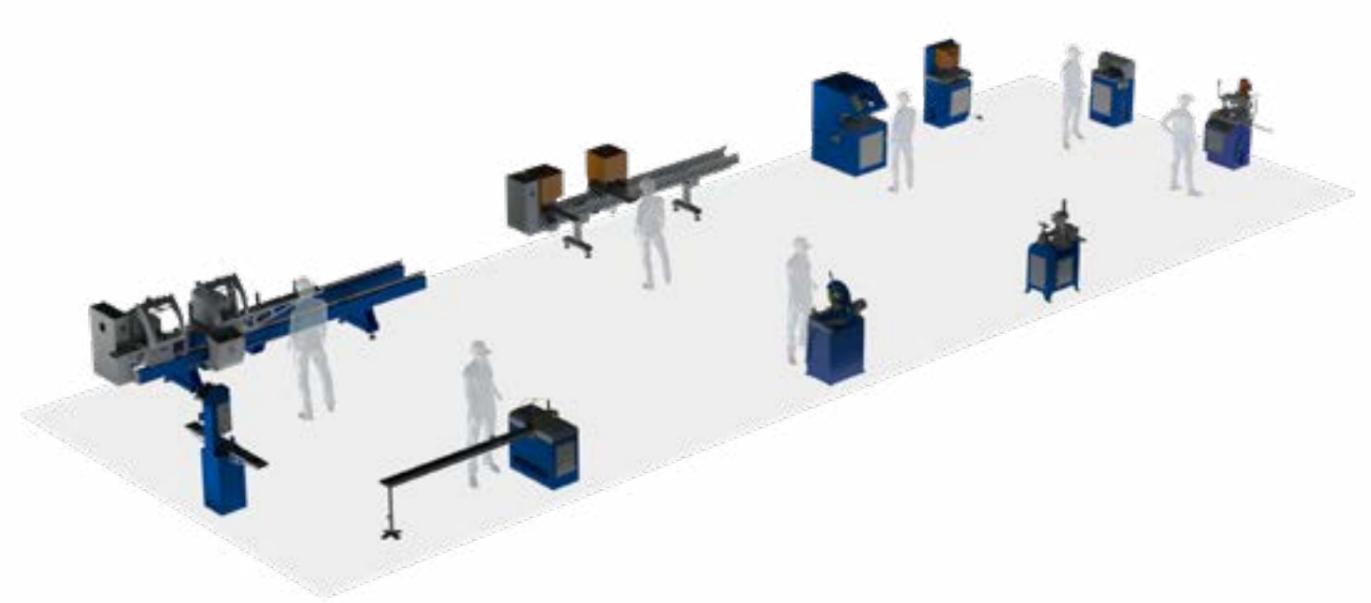
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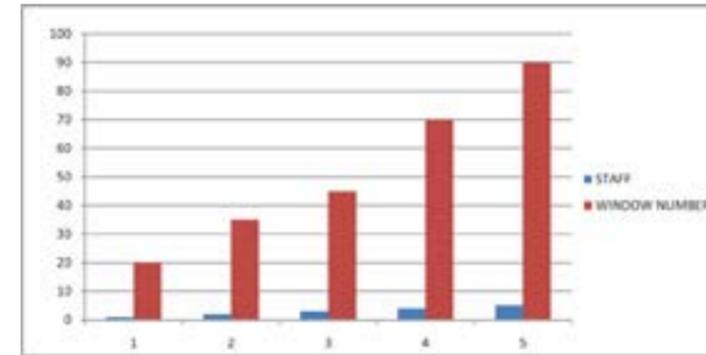
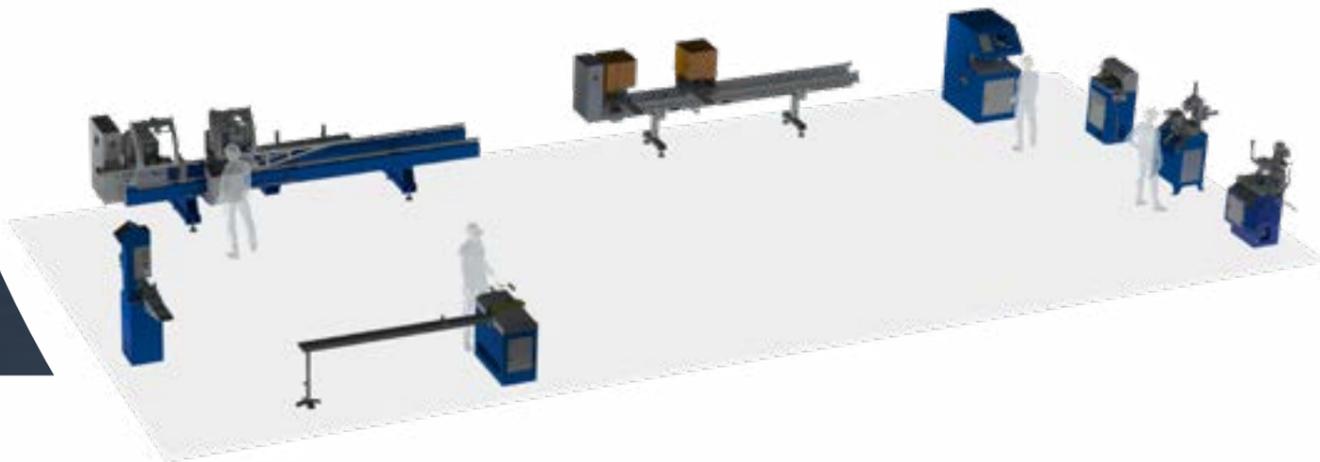
TM 03



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			

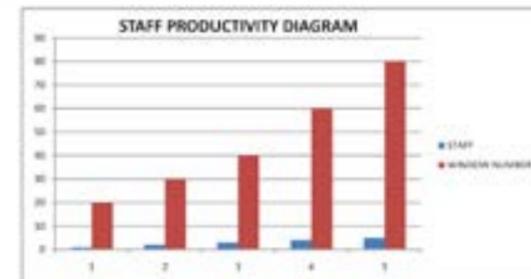


TM 04



MACHINE	MANUFACTURE AREA	ENERGY CONSUMPTION	
		ELECTRIC(kw)	AIR(L / Min.)
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			

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			





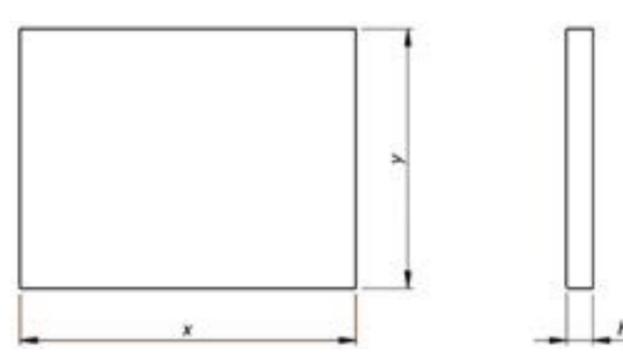
INSULATED
GLASS GROUP

CONTENTS

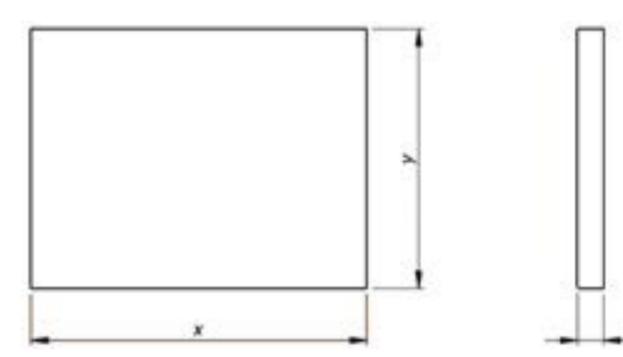
PR 180 : 76
PR ECO : 77



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

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



CONTENTS

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



AKS 01



OPTIONAL



AKS 02

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



METRAGE SYSTEM

AKS 03
AKS 04
AKS 05

UNIVERSAL METRAGE SERVO SYSTEM



AKS 03



AKS 04



AKS 05



CERTIFICATES



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