



**WE ARE  
OPEN TO  
ALL  
PROFILES**



A background image featuring a close-up of two hands shaking in a firm grip. The hands are positioned on the left side of the frame. Overlaid on the entire image is a faint, geometric pattern of interconnected hexagons, resembling a molecular or network structure. The hexagons are rendered in a light blue/gray color, with some nodes highlighted in a slightly darker shade. The overall color palette is muted, with blues, grays, and the natural skin tones of the hands.

**45**  
**YEARS**  
**OF**  
**TRUST IN THE**  
**INDUSTRY**



- 
- **TECHNOLOGY**
  - **PRODUCTIVITY**
  - **QUALITY**

# Since 1980 Özçelik...

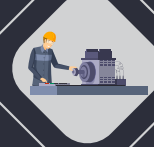


1980

Established in  
Ümraniye  
Industrial Site

1985

Ümraniye Çakmak  
Workshop



1990

First Export:  
Egypt

1994

Establishment of  
Atakent Factory



1997

PVC Machine  
Production: METEOR

2003

Transition to Fully  
Integrated Tuzla Factory



2004

SIRIUS: Four-Headed  
Welding Line Produced

2010

ALCOR: First Profile  
Processing Center Started  
Within the Scope  
of TÜBİTAK Project



2012

ALCOR-GARNET XS-  
LEPUS Produced

2014

Morocco Office  
Established



2019

Oz Machine USA  
Established

2022

Professional Management  
Team Created



2023


The New Logo has  
Started to be Used

2023

COSMOS Collection  
Created







Since 1980, Özçelik Machine Inc. (Özçelik Makina Sanayii ve Ticaret AŞ) has been a pioneer in the manufacturing of aluminum and PVC profile processing machines. Today, we proudly stand as a leading provider of over 70 machines, catering to the diverse needs of our customers. Our comprehensive range of machines encompasses miter saws, single and double blade saws, crimping machines, corner welding and cleaning machines, notching saws, and more. We are committed to continuous innovation, consistently expanding our product portfolio to include high-value, automated solutions such as CNC processing and cutting centers, aluminum composite panel routers, and iron and steel profile processing equipment. At Özçelik Machine, we are driven by a passion for technological advancement and an unwavering commitment to quality. Our brand, OZMACHINE, is synonymous with cutting-edge solutions that empower our global clientele to achieve operational excellence and elevate their manufacturing processes. Partner with Özçelik Machine and experience the transformative power of our technology-driven solutions. Let us guide you towards a future of enhanced productivity, efficiency, and global success. Özçelik, with its global brand, OZMACHINE, is driven by more than just building machines. We strive to shape the future of profile processing through a set of core values that define who we are and what we stand for:

## About Us

- 1. Customer Centricity:** We believe in building long-lasting relationships with our customers, prioritizing their satisfaction and success in every interaction.
- 2. Innovation & Excellence:** We are committed to relentless innovation, pushing the boundaries of technology to deliver cutting-edge, high-quality machines that empower our customers.
- 3. Expertise & Reliability:** With over 50 years of experience, we offer unparalleled industry knowledge and expertise, ensuring our machines are reliable and efficient solutions.
- 4. Global Vision, Local Touch:** We operate with a global perspective, leveraging a network of dedicated distributors while maintaining a focus on understanding and exceeding the specific needs of each local market.
- 5. Sustainability & Responsibility:** We are committed to operating responsibly and sustainably, minimizing our environmental impact, and contributing to the communities we serve. These values are the foundation of everything we do at OZMACHINE.

They guide our decisions, inspire our team, and ultimately shape the future of our company and the industries we serve

60.000

PRODUCTION  
CAPACITY

100

EXPORT  
COUNTRIES

43

PARTNERS  
WORLDWIDE

40+

YEARS  
OF SUCCESS

# INDEX

## CENTER

05-16

### ALCOR SERIES

06-09

### GARNET SERIES

10-13

### LEPUS SERİSİ & SIRIUS

14-16

## CUTTING

17-34

### GEMINI SERIES

18-21

### METEOR SERIES

22-23

### LEO SERIES

28-45

### DELTA SERIES

26-27

### SPICA SERIES

28

### ORCA SERIES

29

### VEGA SERIES

30-31

### ALFA SERIES

32-33

### HEKA SERIES

34

## COPY ROUTERS

35-39

### GALAXY SERIES

36-39

## CORNER WELDING & CLEANING

40-44

### ORION SERIES

41-42

### ORBIT SERIES

43-44

## CORNER CRIMPING

45-47

### APEX SERIES

46-47

## END MILLING & NOTCHING

48-50

### POLAR SERIES

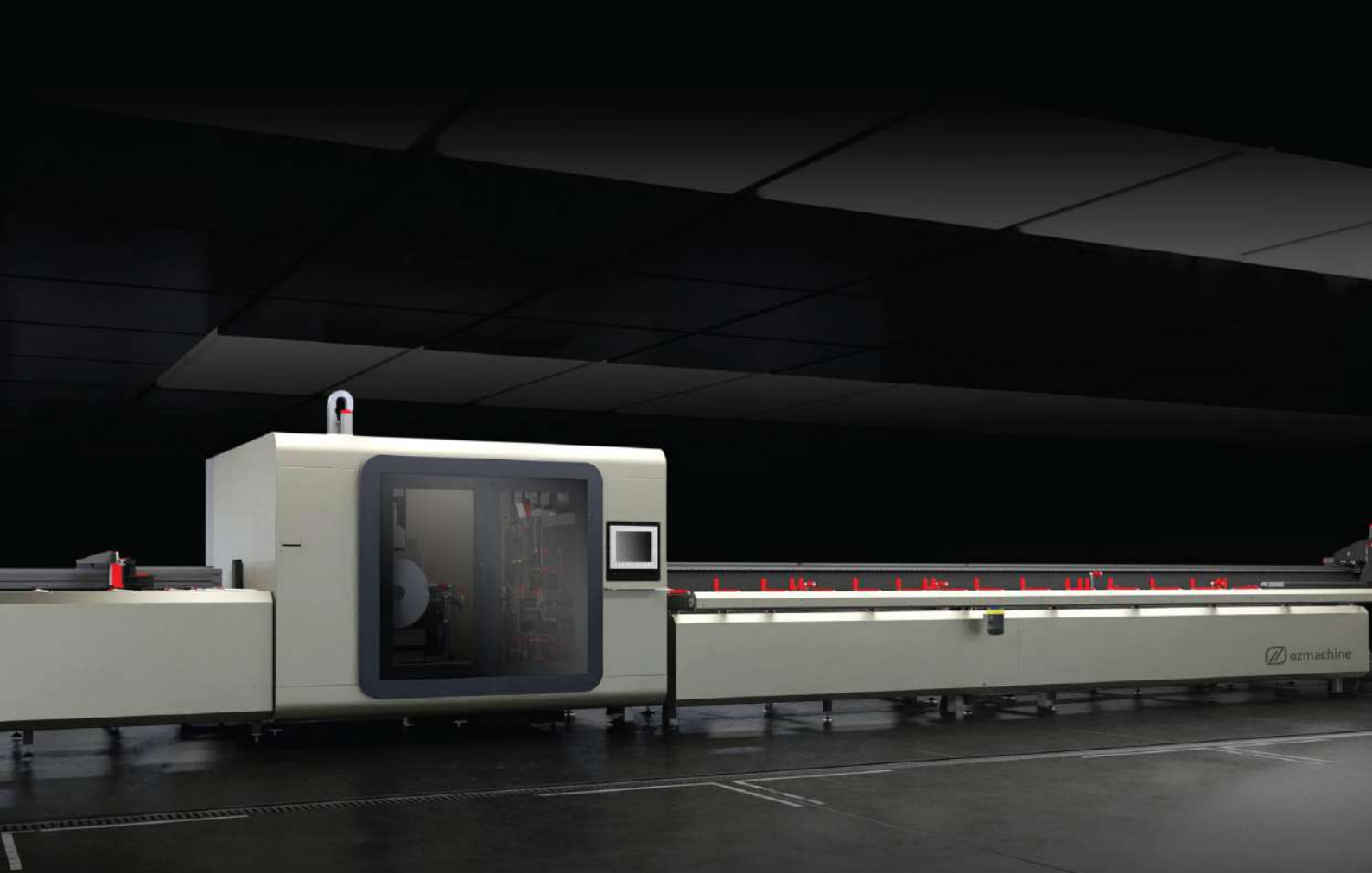
49-50

## COMPLEMENTARY PRODUCTS

51-52

## SOLUTION PARTNERS

53



# ▶ CENTER

We are proud to introduce the ALCOR series, the pinnacle of precision and efficiency in profile cutting and processing for the door and window industry. Specifically designed for PVC and aluminum profile processing, these CNC machines are the cornerstone of innovation for manufacturers seeking superior performance and reliability. At the core of each ALCOR machine lies a robust loading conveyor, ensuring uninterrupted automatic operation to streamline your production workflow.

Engineered with world-leading automation components such as Fanuc controllers and servo motors, our machines offer exceptional precision and consistency, setting new standards for production excellence. Benefiting from the privileges of Industry 4.0, Fanuc controllers offer unmatched advantages in production processes.

# ALCOR SERIES



ALCOR I set the standard for flexibility and speed, delivering swift profile cutting without compromise. For the essential workhorse in PVC and aluminum fabrication, look no further than the ALCOR II R and ALCOR II C models, offering unparalleled precision and efficiency tailored to your requirements.

When increased cutting capacity is essential, the ALCOR IV steps up to the challenge, while the ALCOR V unleashes unlimited flexibility with its five-servo axis and 550mm saw blade, allowing for precise cutting angles like never before. Elevate your fabrication process with the ALCOR series and experience the pinnacle of performance and precision in profile cutting technology.

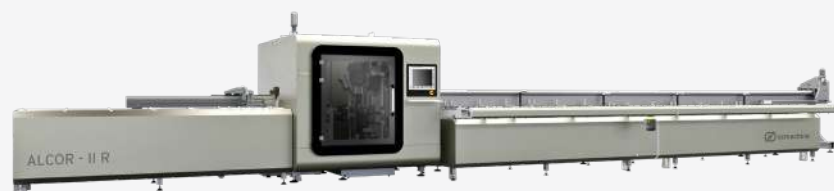
## ALCOR I

CNC Profile Cutting Center  
(5 Servo Axis)



## ALCOR II R

CNC Profile Machining and Cutting Center  
(8 Servo Axis - 14 Machining Axis for PVC)







## ALCOR II C

CNC Profile Machining and Cutting Center  
(8 Servo Axis – 7 Machining Axis for Alu)



WEB



## ALCOR IV

CNC Profile Machining and  
Cutting Center (11 Servo Axis)



WEB



## ALCOR V

CNC Profile Machining and Cutting Center /  
with Full Notching Capability (12 Servo Axis)

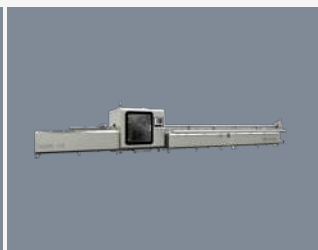
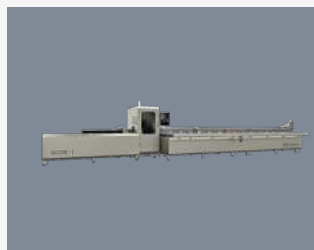


WEB



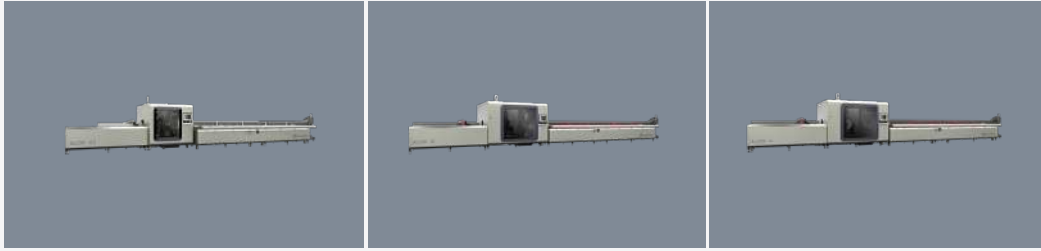
# ALCOR SERIES

## COMPARISON TABLE



	ALCOR - I	ALCOR - II R
Material (Alm / Pvc )	Alm / Pvc	Pvc
Function of the Machine	Cutting	Cutting + Machining
Axis (piece)	5 (5 Axis Servo)	8 (8 Axis Servo)
Radial Cutting	X	X
Saw Diameter (mm)	Ø 550	Ø 550
Saw Motor Power (kw)	3	3
Saw rotation speed (rpm)	3000	3000
Cutting Angle (°) - Vertical Rotation	30° / 150°	30° / 150°
Cutting Angle (°) - Horizontal Rotation	X	X
Max. Profile Loading Length (mm)	7.500	7.500
Min. Profile Loading Length (mm)	700	1200
Min. Profile Unloading Length - 90°/90° (mm)	270	270
Profile Loading Capacity (Piece)	10	10
Fan Cooling Spindle Motor (Piece)	X	13
Fan Cooling Spindle Motor Power (kw)	X	3
Fan Cooling Spindle Motor Rotation Speed (rpm)	X	18.000
Tool Holder	X	ER 20
3ple grip slot drilling	X	✓
Profile Vertical Cutting and Machining Width (45° ve 90°) - Min. / Max. (mm)	30 / 150	30 / 150
Profile Vertical Cutting and Machining Height (45° ve 90°) - Min. / Max. (mm)	30 / 180	30 / 180
Profile Horizontal Cutting Width (45°) - Min./ Max. (mm)	X	X
Profile Horizontal Cutting Height (45°) - Min./ Max. (mm)	X	X
Gripper Axis Travel - Lateral Min./ Max. (mm)	20 / 117	20 / 117
Gripper Axis Travel - Vertical Min./ Max. (mm)	20 / 115	20 / 115
Automation System	LS (Fanuc ops.)	Fanuc
Automation Software	OZ Machine Soft Cut	Compatibility with optimization programs
Compabbility with optimization programs	✓	✓





ALCOR - II C	ALCOR - IV	ALCOR - V
Alm	Alm / Pvc	Alm / Pvc
Cutting + Machining	Cutting + Machining	Cutting + Machining
8 (8 Axis Servo)	11 (11 Axis Servo)	12 (12 Axis Servo)
X	✓	✓
Ø 550	Ø 550	Ø 550
3	3	3
3000	3000	3000
30° / 150°	0° / 180°	0° / 360°
X	X	0° / 180°
7.500	8.000	8.000
1200	1200	1200
270	400	400
10	4	4
7	8	8
3	3	3
18.000	18.000	18.000
ER 20	ER 20	ER 20
X	X	X
30 / 150	30 / 300	30 / 300
30 / 180	30 / 180	30 / 165
X	X	30 / 300
X	X	30 / 140
20 / 117	20 / 150	20 / 150
20 / 115	20 / 140	20 / 140
Fanuc	Fanuc	Fanuc
Camquix (CAM Software) CadXtract (ops.)	Camquix (CAM Software) CadXtract (ops.)	Camquix (CAM Sof ware) CadXtract (ops.)
✓	✓	✓

# GARNET SERIES



Introducing the GARNET series, the epitome of precision and efficiency in profile processing CNC machines tailored to cover the needs of the industry. Specifically crafted for aluminum, light alloy and even some steel profile processing, these machines are the ultimate solution for manufacturers seeking unparalleled performance and reliability. At the core of every GARNET machine lies precision processing capability, ensuring meticulous execution of every task. Engineered with world-leading automation components such as Fanuc controllers and servo motors, our machines deliver exceptional precision and consistency, setting new benchmarks in production excellence. Leveraging the advantages of Industry 4.0, our Fanuc controllers offer unmatched benefits, revolutionizing production processes.

GARNET series offers a range of options to suit diverse needs. From the versatile GARNET Mini capable of performing milling, drain channel opening, drilling, marking, and milling processes on aluminum and PVC profiles, to the compact and efficient GARNET XS4 designed for specific drilling and milling operations, on 4 axis, to our most sophisticated model, the GARNET 5X each machine is equipped with cutting-edge features including automatic tool replacement, precision processing at any angle, automatic magazine for tools, automatic clamping positioning, touchscreen interface, remote access, and high processing capacity for increased efficiency. Elevate your fabrication processes with the GARNET series and experience a new era of precision and productivity.

## GARNET Mini

3 Axis NC Compact Processing Center  
with Copy Router Function



## GARNET MAXI

4 Servo Axes Processing Center







## GARNET 5X

CNC Profile Machining Center  
(5 Axis)



WEB



## GARNET PORTA

Door Processing Machine  
(4 axes)

## GARNET XS

CNC Profile Machining Center  
(3+1 Axis)



WEB

## GARNET XS 4

CNC Profile Machining Center  
(4 Axis)



WEB

## GARNET XS4 8000

CNC Profile Machining Center  
(4 Axis)



WEB



## GARNET 8000

CNC Profile Machining Center  
(5 Axis)



WEB



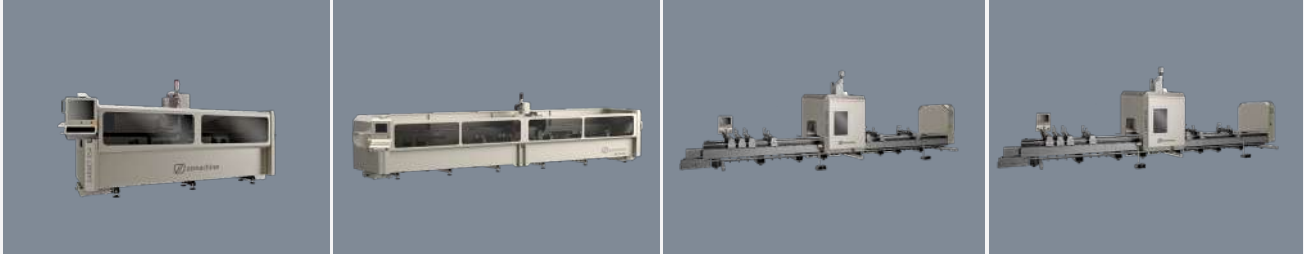
# GARNET SERİSİ

## COMPARISON TABLE



	GARNET Mini	GARNET MAXI	GARNET XS
Material (Alm / Pvc / Steel - 5mm )	Alm/Pvc	Alm/Pvc	Alm/Pvc/Steel
Machining Distance - X Axis (Longitudinal) - (mm)	350	2500	3000
Machining Distance - Y Axis (Horizontal) - (mm)	150	455	320
Machining Distance - Z Axis (Vertical) - (mm)	120	310	255
Placeable Profile Dimensions (X x Y x Z) - (mm)	660 x 150 x 120	2500 x 175 x 175	3000 x 320 x 255
Axes	3	4	3+1
A Axis (Rotational Movement of the Head) - Servo	X	-	X
Agrega	X	X	✓
C Axis (Head Rotation Angle) - (°/sec) - Servo	X	-	X
Table Rotation Angle - Servo	X	90/90	X
Spindle Motor Power (kw)	3	3	5,5
Spindle Motor Speed (rpm)	18.000	18.000	24.000
Tool Holder - (Collet)	ER 20	ER 20	ISO 30
Automation System	Ls	Omron	Fanuc
Software	Compatibility with CAM programs (opt.)	UNILINK on Board	Camquix (CAM Software) CadXtract (opt.)
Number of Sets That Can Be Loaded in the Magazine - (pcs.)	X	X	8+1
Saw Diameter That Can Be Loaded in the Magazine System - (Max) - (mm)	X	X	150
Threading Capacity	X	X	Opt. (Max -M8)
Clamp (pcs)	4	3	4 (6 opt.)
Clamp positioning system	X	Manual	automatic with x axis





GARNET XS4	GARNET XS4 8000	GARNET 8000	GARNET 5X
Alm/Pvc/Steel	Alm/Pvc/Steel	Alm/Pvc/Steel	Alm/Pvc/Steel
4000	8000	8000	8000
320	320	580	515
255	255	290	370
4000 x 320 x 255	8000 x 320 x 255	8000 x 580 x 290	8000 x 515 x 370
4	4	4	5
✓	✓	✓	✓
X	X	X	X
X	X	X	0 / 360
X	X	X	X
5,6	5,6	9	11
20.000	20.000	24.000	24.000
HSK F50	HSK F50	ISO 30	HSK F63
Fanuc	Fanuc	Fanuc	Fanuc
Camquix (CAM Software) CadXtract (opt.)	Camquix (CAM Software) CadXtract (opt.)	Camquix (CAM Software) Auto CadXtract (opt.)	Camquix (CAM Software) CadXtract (opt.)
8	8	20	20+1
150	150	180	400
Ops. (Max -M8)	Ops. (Max -M8)	M8	M8
4 (6 opt.)	8 (10 opt.)	8 (10 opt.)	8 (10 opt.)
automatic with x axis	automatic with x axis	automatic with x axis	Servo controlled automatic

# LEPUS SERIES



Step into a new era of precision and efficiency with the LEPUS series of CNC-controlled aluminum composite panel processing and cutting machines. Crafted specifically for the demanding needs of aluminum composite panel fabrication, each machine in the LEPUS series is engineered to deliver unparalleled performance and reliability.

At the heart of the LEPUS series lies cutting-edge technology, featuring DELTA controllers and servo motors renowned for their world-leading precision and automation capabilities. Whether you're tackling v-channel opening, processing, or sizing operations, the LEPUS series ensures swift and precise results every time.

## LEPUS II

CNC ACP Router (3 Axis, 4 Spindles) -  
4 m / 7 m



WEB

## LEPUS X

CNC ACP Router (3 Axis, 4 Spindles) -  
7 m



WEB

# LEPUS SERIES



	LEPUS II	LEPUS II L	LEPUS X	LEPUS XL
Material (Composite)	✓	✓	✓	✓
Max.Placeable Panel Dimensions (X x Y) - (mm)	4000 x 1600	7000 x 1600	4000 x 1600	7000 x 1600
Min.Placeable Panel Dimensions (X x Y) - (mm)	500 x 300	500 x 300	500 x 300	500 x 300
Z Axis Machining Distance-Without Milling (mm)	250	250	250	250
Axes	4	4	3	3
B Axis (Rotational Motion)	✓	✓	✗	✗
Tool Magazine	✗	✗	✓	✓
Number of Tools Loaded in Magazine (pcs.)	✗	✗	5	5
Number of Spindle Motors (pcs.)	4	4	1	1
Spindle Motor Power (kW)	3	3	7,5	7,5
Spindle Motor Speed (rpm)	18.000	18.000	24.000	24.000
Tool Holder - (Collet)	ER 20	ER 20	ISO 30	ISO 30
Vacuum Motor (pcs.)	2	2	2	2
Vacuum Motor Power (kW)	7,5	7,5	7,5	7,5
Dust Extraction System (Vela)	✓	✓	✓	✓
Button Controlled Vacuum Zones	✓	✓	✓	✓
Local Vacuuming	✓	✓	✓	✓
Lubricated Vacuum Pump	Opt.	Opt.	Opt.	Opt.
CNC Control Unit	✓	✓	✓	✓
Ability to process 2D and 3D geometries with Alpha Cd/Cam program	Opt.	Opt.	Opt.	Opt.
Remote Network Connection, Ethernet and USB Data Transfer	✓	✓	✓	✓



# SIRIUS



SIRIUS which is the line of Automatic PVC welding and edge cleaning has been developed for cleaning processes occurring in profile after welding and welding at the same time of four edges of plastic profiles.

With automatic frame unloading unit, fast transfer to cleaning unit of profile with robot system and with the system of automatic profile rotating, SIRIUS gains time substantially while decreasing workload on user in welding and cleaning processes.

## SIRIUS

Automatic PVC Welding and  
Cleaning Line



WEB



# ▶ CUTTING

The specific properties and advantages of each Machine are as follows: All machines in the GEMINI series are quick and solutional. They are supplied with LS controllers, Servo motors and automation which are world leading automation components. Engineered with world-leading automation components such as Fanuc controllers and servo motors, our machines offer exceptional precision and consistency, setting new standards for production excellence.

Benefiting from the privileges of Industry 4.0, Fanuc controllers offer unmatched advantages in production processes. The perfect choice when flexible and fast cutting of profiles is required without any processing.

# GEMINI SERIES

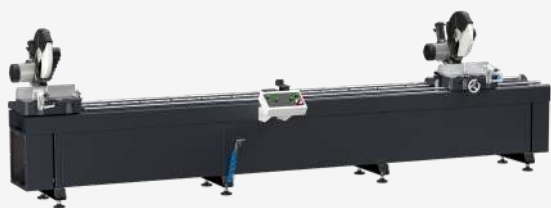


Whether it's aluminum, pvc profiles, the GEMINI Series delivers swift, seamless cutting solutions with uncompromising quality. Meet your production demands head-on with our range of GEMINI machines, including the versatile GEMINI II A, the robust GEMINI IV M, and the precision engineered GEMINI V R.

Designed to excel in PVC and aluminum door and window fabrication, each model in the series is meticulously crafted to streamline your workflow and elevate your craftsmanship. Experience unlimited flexibility with the GEMINI Series. With its 400-450-550-600 mm saw blade, GEMINI offers unmatched cutting capacity and versatility, allowing you to tackle any project with ease. Elevate your cutting

## GEMINI II M

Double Head Saw Ø 400 mm Manual



WEB

## GEMINI II A

Double Head Saw Ø 400 mm with Semi-Automatic Digital Display



WEB

## GEMINI IV M

Double Head Front Blade Saw Ø 450 mm with Semi Auto Angle Adjustment and Digital Measurement Display



WEB

## GEMINI IV SA

Double Head Front Blade Saw Ø 450 mm with Automatic positioning and Semi-automatic angle adjustment



WEB



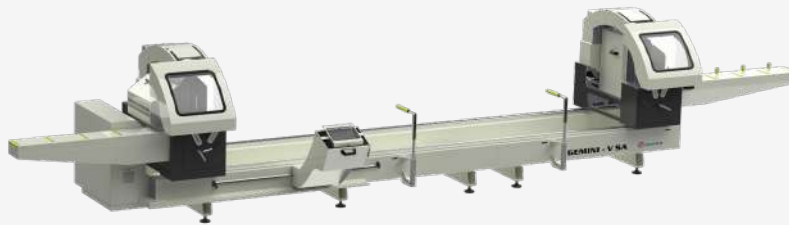


## GEMINI V SA

Double Head Front Blade Saw Ø 550 mm  
with Automatic positioning and  
Semi-automatic angle adjustment



WEB

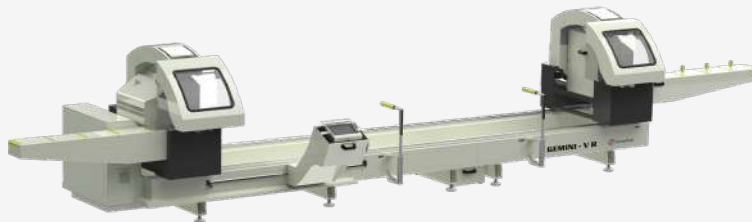


## GEMINI V R

Double Head Front Blade Saw Ø 550 mm -  
Full Automation with 3 Axis Servo Control



WEB

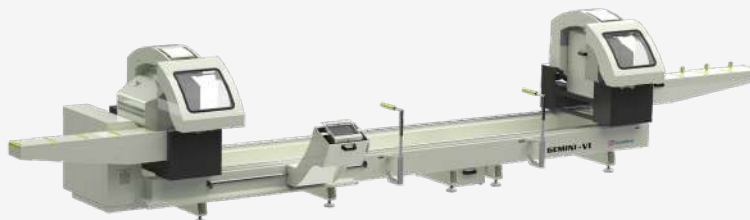


## GEMINI VI

Double Head Front Blade Saw Ø 600 mm -  
Full Automation with 3 Axis Servo Control



WEB



## GEMINI X

Double Head Radial Saw Ø 550 mm -  
Full Automation with 3 Axis Servo Control



WEB

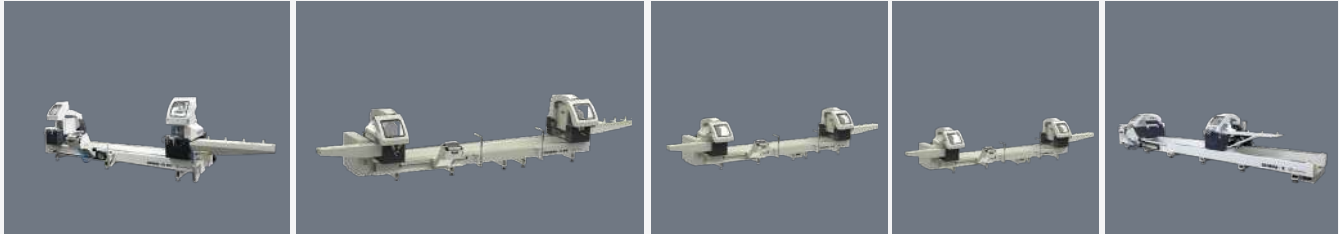


# GEMINI SERIES

## COMPARISON TABLE



	GEMINI - II M	GEMINI - II A	GEMINI - IV M
Material (Alm / Pvc / Wood)	✓	✓	✓
Saw Diameter (mm)	Ø 400	Ø 400	Ø 450
Motor Power (kw)	2,2	2,2	2,2
Cutting Angle (°)	-45 / 45	-45 / 45	90 / 45 (Internal Model) -45 / 90 (External Model)
X-Axis (Longitudinal) Movement	Manual	Automatic (Electronic Control)	Manual (Measurement Reading with Digital Display)
Angle Positioning	Manual	Manual	Hydropneumatic (90 / 45 or -45 / 90 one button automatic)
Positioning at Intermediate Angles	Manual	Manual	Manual
Min. with Double Head Cutting Size- 90/45 (mm)	610 / 610	610 / 610	560/560
Max. with Double Head Cutting Size - 90/45 (mm)	4550 / 4550	4550 / 4550	4040 / 4040
Optional Length Extension on X Axis	X	X	Opt.
Saw Speed Adjustment	✓	✓	✓
Digital Adjustment of Saw Output Adjustment	X	X	X
Profile Intermediate Support	Manual (1 ad.)	Manual (1 ad.)	Automatic (1 ad.)
Conveyor - Moving Head	X	X	✓
Conveyor - Fixed Head	X	X	Opt.
Spray Saw Cooling System	✓	✓	✓
Barcode Printer	X	X	X
Oz Machine Softcut (Cutting optimization program)	X	X	X
Remote Network Connection, Ethernet and USB Data Transfer	X	X	✓



GEMINI - IV SA	GEMINI - V SA	GEMINI - V R	GEMINI - VI	GEMINI - X
✓	✓	✓	✓	✓
Ø 450	Ø 550	Ø 550	Ø 600	Ø 550
2,2	3	3	3	3
90 / 45 (Internal Model) -45 / 90 (External Model)	90 / 45 (Internal Model) -22,5 / -45 / 90 (External Model)	-22,5 / 45	-22,5 / 45	90 / 30
Automatic (Servo)	Automatic (Servo)	Automatic (Servo)	Automatic (Servo)	Automatic (Servo)
Hydropneumatic (90 / 45 or -45 / 90 one button automatic)	Hydropneumatic (90 / 45 or -45 / 90 one button automatic)	Automatic (Servo)	Automatic (Servo)	Automatic (Servo)
Manual	Manual	Automatic (Servo)	Automatic (Servo)	Automatic (Servo)
400 / 560	480 / 720	480 / 720	480 / 720	460 / 460
4040 / 4040	5050 / 5050	5050 / 5050	5050 / 5050	6000 / 6000
Opt.	Opt.	Opt.	Opt.	Opt.
✓	✓	✓	✓	✓
Opt.	Opt.	✓	✓	✓
Automatic (2 ad.)	Automatic (2 ad.)	Automatic (2 ad.)	Automatic (2 ad.)	Automatic (3 ad.)
✓	✓	✓	✓	✓
Opt.	Opt.	✓	✓	✓
✓	✓	✓	✓	✓
Opt.	Opt.	✓	✓	✓
Opt.	Opt.	Opt.	Opt.	Opt.
✓	✓	✓	✓	✓



# METEOR SERIES



The METEOR family of single head rising blade saws, handles aluminum, pvc, and wood profiles with its efficient hydro-pneumatic cutting system. The adjustable speed ensures optimal performance for each material, while the wide-angle range ( $-67.5^{\circ}$  to  $+67.5^{\circ}$ ) and pre-set fixed angles offer unmatched precision and flexibility.

Maximize your cutting capacity with the mobile miter and prioritize safety with the secure cutting feature and integrated safety sensor. 4 standard Pneumatic clamps deliver a firm grip on your workpieces, guaranteeing accurate and worry-free cuts every time.

## METEOR 420

Automatic Rising Blade Saw Ø 420 mm with  
3 m Roller Conveyor



WEB

## METEOR 500

Automatic Rising Blade Saw Ø 500 mm  
with 3 m Roller Conveyor



WEB

## METEOR 600

Automatic Rising Blade Saw Ø 600 mm  
with 3 m Roller Conveyor



WEB

# METEOR SERIES

## COMPARISON TABLE



	METEOR 420	METEOR 500	METEOR 600
Material (Alm / Pvc / Wood)	✓	✓	✓
Saw Diameter (mm)	Ø 420	Ø 500	Ø 600
Engine Power - (kW)	3	3	3
Saw Speed (rpm)	2900	2347	2193
Saw Thickness (mm)	3,6	4	4,7
Cutting Angle (°)	67,5 / 67,5	67,5 / 67,5	67,5 / 67,5
Vertical Clamp - Pneumatic (2pcs.)	✓	✓	✓
Horizontal Clamp - Pneumatic (2 pcs.)	✓	✓	✓
Conveyor (Right)	✓	✓	✓
Conveyor (Left)	Opt.	Opt.	Opt.
Spray Milling Cooling System	✓	✓	✓
Dust Extraction System (Vela)	Opt.	Opt.	Opt.
Profile minimum cutting tool	Opt.	Opt.	Opt.
180° Cutting	Opt.	Opt.	Opt.

# LEO SERIES



The LEO family of single head front blade saws tackles aluminum, pvc profiles with effortless ease, thanks to its powerful hydro-pneumatic cutting and servo-controlled rotation axis. Prioritize safety with the secure cutting cover and safety sensor, while enjoying automatic positioning from  $-22,5^{\circ}$  to  $+45^{\circ}$  via the intuitive servo motion system.

Boost your efficiency with an industrial PC featuring a Windows touchscreen and remote access capabilities. Data transfer is seamless via Ethernet or USB, enabling batch processing and precision cutting. Automate your workflows by importing cutting lists or programming processes in the large memory. Double-hand control ensures operator safety, while adjustable blade speed and travel distance provide granular control.

## LEO R

Automatic Front Blade Saw  $\varnothing 500 / \varnothing 600$  mm  
2 Axis Servo Controlled



WEB

## LEO X

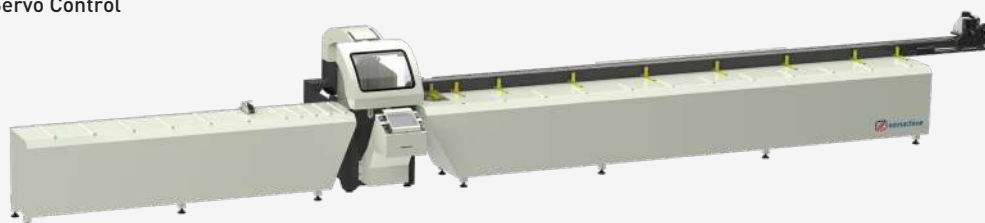
Automatic Radial Saw  $\varnothing 550$  mm -  
2 Axis Servo Controlled



WEB

## LEO PLUS

Automatic Cutting Machine  $\varnothing 550$  mm  
with Robot Profile Drive System and  
2 Axis Servo Control



WEB



# LEO SERIES

## COMPARISON TABLE



	LEO R	LEO - X	LEOPLUS
Material (Alm / Pvc / Wood)	✓	✓	✓
Saw Diameter (mm)	Ø 550 / Ø 600	Ø 550	Ø 550
Engine Power - (kW)	3	3	3
Cutting Angle (°)	45 / 22,5	90 / 30	45 / 22,5
Min/Max Cutting Size (mm)	395 / 3350	240 / 3220	0 / 6500
Angle Positioning (Automatic Servo)	✓	✓	✓
Automatic Supporting Conveyor	✓	✓	X
Servo Controlled Profile Loading Robot (Gripper)	X	X	✓
Manual Supported Output Conveyor	✓	✓	✓
Digital Adjustment of Saw Output Setting	✓	✓	✓
Pneumatic Vertical and Horizontal Clamp	✓	✓	✓
Spray Saw Cooling System	✓	✓	✓
Barcode Printer	✓	✓	✓
Dust Extraction System (Vela)	Opt.	Opt.	Opt.
Oz Machine Softcut (Cutting optimization program)	Opt.	Opt.	Opt.
Remote Network Connection, Ethernet and USB Data Transfer	✓	✓	✓

# DELTA SERIES



The DELTA family of single head rising blades, effortlessly slice and automatic cut aluminum, pvc, and wood profiles with this robust machine. Its wide Ø 500 mm saw blade handles even hefty profiles, while servo-driven automatic feeding ensures efficient batch slicing.

Secure cutting is prioritized with the cover and safety sensor, while the automatic clamping system and digital travel distance adjustment guarantee precise results. Streamline workflows with the intuitive touchscreen control panel, process programming, and large memory for complex cuts.

## DELTA

Automatic Profile Slicing Machine with  
Rising Blade Ø 500 mm with Drilling Option



WEB

## DELTA D

Automatic Rising Blade Saw Profile Silcing  
Machine with Dirilling Feature Ø 500 mm



WEB

## DELTA DT

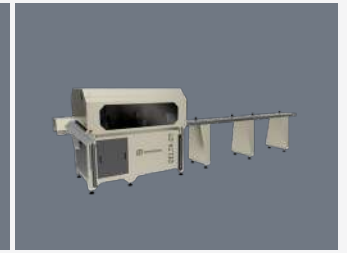
Automatic Rising Blade Saw  
Profile Silcing Machine with  
Tapping Feature Ø 500 mm



WEB

# DELTA SERIES

## COMPARISON TABLE



	DELTA	DELTA D	DELTA DT
Material (Alm / Pvc / Wooden)	✓	✓	✓
Saw Diameter (mm)	Ø 500	Ø 500	Ø 500
Engine Power (kw)	4	4	4
Saw Rotation (rpm)	2347	2347	2347
Cutting Angle (°)	90°	90°	90°
Min. Cutting Dimensions (mm)	5	5	5
Waste Dimensions (mm)	270	270	270
Drilling Motor or Tapping Motor	X	✓	✓
Tool Holder	X	Drilling : ER 20	Drilling : ER 16 Tapping : ER 16
Drilling Motor or Tapping Motor Motion Axis	X	Y and Z	Y and Z
Servo Driven Profile Feeding	✓	✓	✓
Conveyor - 4000 mm (right)	✓	✓	✓
Cutting Speed Adjustment	✓	✓	✓
Pneumatic Vertical and Horizontal Clamps	✓	✓	✓
Spray Saw Cooling System	✓	✓	✓

# SPICA SERIES



The SPICA family of single head saws empowers you to achieve intricate V cuts, arrow cuts, and clean 90° end notches on both aluminum and PVC profiles, all while minimizing material waste.

Its versatility extends beyond standard applications, tackling diverse notching needs for sash, frame, mullion, and transom combinations commonly found in curtain walls, winter gardens, skylights, and even unique design projects requiring specific angles.

## SPICA

V Cut & 90° Notching Machine



WEB

## SPICA F

Aluminum Facade Notching Machine  
Manual



WEB



# ORCA SERIES



The ORCA family of rising blade saws tackles vinyl window strip cutting at a precise 45° angle with effortless ease. The pneumatic cutting system ensures clean and efficient cuts, while the automatic return to the starting point minimizes downtime.

A conveyor system equipped with measuring equipment ensures accuracy and consistency in every cut. For added control, adjust both the cutting and conveying speeds based on your specific needs.

## ORCA

Automatic Saw for PVC Strips /  
Aviable Digital Conveyor



WEB

## ORCA DD

Automatic Saw for PVC Strips /  
Aviable Digital Conveyor



WEB

# VEGA SERIES



The VEGA family of single head saws deliver smooth and precise cuts with its hydropneumatic cutting system. Its safety features are top-notch, featuring a double spring system and saw barrier for operator protection.

Pneumatic vertical and horizontal clamps ensure your profiles are securely held during cutting, while the cast core adds impact resistance for durability. Experience ultimate versatility with cutting speed adjustments to match your profile needs and the ability to tackle any angle between  $-45^{\circ}$  and  $+45^{\circ}$ .

## VEGA I 400

Portatif Kesim Makinesi Ø 400 mm



WEB

## VEGA II M

Manuel Kesim Makinesi Ø 400 mm



WEB

## VEGA II

Otomatik Kesim Makinesi  
Ø 400 mm



WEB

# VEGA SERIES

## COMPARISON TABLE



	VEGA - I 400	VEGA - II M	VEGA - II
Material (Alm / Pvc / Wood)	✓	✓	✓
Cutting Type (Manual / Automatic)	Manual	Manual	Automatic (Two Hand Button)
Saw Diameter (mm)	Ø 400	Ø 400	Ø 400
Engine Power - (kW)	2,2	2,2	2,2
Saw Speed (rpm)	3000	3000	3000
Saw Thickness (mm)	3,6	3,6	3,6
Cutting Angle (°)	45/ 45	45/ 45	45/ 45
Vertical Vise - Manual / Pneumatic	X	Pneumatic (2 pcs.)	Pneumatic (2 pcs.)
Horizontal Vise - Manual / Pneumatic	Manual (1 pcs.)	Pneumatic (2 pcs.)	Pneumatic (2 pcs.)
Conveyor	Opt.	Opt.	Opt.
Profile Support	✓	X	X
Spray Saw Cooling System	X	✓	✓

# ALFA SERIES



The ALFA family of portable powerful saw tackles a wide range of cutting tasks with its Ø 300 mm blade and comprehensive angle capabilities. Achieve any desired angle between  $-45^{\circ}$  and  $+45^{\circ}$ , including pre-set options like  $0^{\circ}$ ,  $5^{\circ}$ ,  $10^{\circ}$ ,  $15^{\circ}$ ,  $20^{\circ}$ ,  $22.5^{\circ}$ ,  $25^{\circ}$ ,  $30^{\circ}$ ,  $35^{\circ}$ ,  $40^{\circ}$ , and  $45^{\circ}$  for both right and left angles.

For even greater flexibility, the head tilts left between  $0^{\circ}$  and  $45^{\circ}$ , enabling efficient angled cuts. A laser guide ensures impeccable accuracy, while screw workpiece clamps and a length stop kit provide secure holds for different material sizes.

## ALFA S

Portable Cutting Machine Ø 305 mm



WEB

## ALFA

Portable Compound Saw with Tabletop  
Ø 305 mm



WEB

## ALFA X

Manuel Kesim Makinesi Ø 305 mm



WEB

## BETA PLUS

Otomatik Kesim Makinesi  
Ø 305 mm



WEB



# ALFA SERIES

## COMPARISON TABLE



	ALFA	ALFA S	BETAPLUS	ALFA X
Material (Alm / Pvc / Wood)	✓	✓	✓	✓
Saw Diameter (mm)	Ø 305	Ø 305	Ø 305	Ø 305
Engine Power - (kW)	1,1	1,1	1,1	1,1
Saw Speed (rpm)	3000	3000	3000	3000
Saw Thickness (mm)	3,2	3,2	3,2	3,2
Cutting Angle (°)	45 / 45	45 / 45	45 / 45	45 / 45
Cutting on the Tabletop	✓	X	✓	✓
Tilting Cutting	X	X	✓	✓
Radial Cutting	X	X	X	✓
Manual Clamp	✓	✓	✓	✓
Saw (Ø300)	Opt.	Opt.	Opt.	Opt.
Conveyor	Opt.	Opt.	Opt.	Opt.
Laser Light	X	X	X	✓
Profile Support	Opt.	Opt.	Opt.	Opt.

# HEKA SERIES



The HEKA single-head saw family is designed for cutting support plates and profile tubes. The double spring and saw guard ensure smooth, precise, and safe cutting. Manual horizontal clamps hold your profiles securely during cutting.

It allows for adjustment of cutting speed to suit your profile needs and can easily cut at any angle between  $-45^{\circ}$  and  $+45^{\circ}$ . The recirculating pump for the coolant provides uninterrupted cooling during the working cycle.

## HEKA P

Portable Reinforcement Steel and Profile  
Cutting Saw



WEB

## HEKA

Reinforcement Steel and Profile  
Cutting Saw



WEB



# COPY ROUTER

Copy router machines are essential equipment, particularly in the aluminum and PVC profile processing industries, used for precise hole drilling and creating custom channels. These machines operate with the aid of templates or molds, enabling the repeatable machining of desired geometric shapes.

Especially widely used in window and door manufacturing, copy router machines offer high precision in detailed operations such as creating slots for locks, hinges, and handles.

Thanks to their operator-friendly designs, they provide ease of use for the operator and increase production efficiency.

In addition to manual models, pneumatically controlled and automatic options are also available. This allows businesses to choose the most suitable solution according to their needs. Copy router machines both improve workmanship quality and save time.

# GALAXY SERIES



The GALAXY family of single head copy routers empower you to create precise slots and channels for locks, handles, hinges, and latches on aluminum and vinyl profiles, without the need for profile rotation.

Its advanced copy mechanism ensures consistent results, while profile gauges enable independent opening of various channels, offering unmatched flexibility.

## GALAXY I P

Portable Copy Router Machine



WEB

## GALAXY I ECO

Copy Router Machine



WEB



## GALAXY I

Copy Router Machine



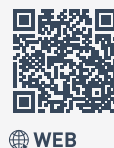
## GALAXY II

Copy Router Machine with  
Triple Slot Drilling



## GALAXY III

Copy Router Machine with Triple  
Slot Drilling and Water Discharge



## GALAXY IV

Copy Router Machine (3 motors)



## STAR

Portable Copy Router Machine



## OMEGA

Automatic Triple Water Discharge  
Machine

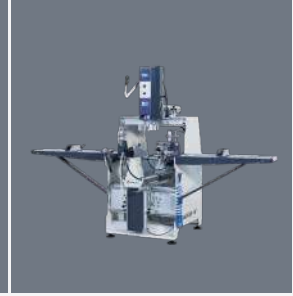


# GALAXY SERIES

## COMPARISON TABLE



	STAR	GALAXY - I P	GALAXY - I ECO
Material (Alm / Pvc)	Alm/Pvc	Alm/Pvc	Alm/Pvc
Engine Power - (Kw)	1,1	1,1	1,1
Number of Engines - (pcs.)	1	1	1
Motor Type (Coal / Asynchronous / Spindle)	With coal	Asynchronous / Belt System	Asynchronous / Belt System
Triple grip Slot Engine	X	X	X
Water Slot Engine	X	X	X
Milling Diameter - Max.(mm)	Ø5	Ø5	Ø5
Milling Speed (rpm)	28.000	15.350	15.350
X-Axis Travel Distance (mm)	217	210	210
Y-Axis Travel Distance (mm)	125	105	105
Z-Axis Travel Distance (mm)	127	108	108
Vertical Clamp - (Manual / Automatic) (2 pcs.)	X	X	X
Horizontal Clamp - (Manual / Automatic) (2 pcs.)	Manual	Manual	Pneumaic
Profile Support / Conveyor (Right and Left)	Profile Support	Profile Support	Profile Support
Spray Milling Cooling System	X	X	✓
Air - (Pressure -6-8 Bar)	X	X	✓
Electrical System (Standard)	Single phase	Single phase	Single phase



GALAXY - I	GALAXY - II	GALAXY - III	GALAXY - IV
Alm/Pvc	Alm/Pvc	Pvc	Alm/Pvc
1,1	1,1	1,1	1,1
1	2	3	3
Asynchronous / Belt System	Asynchronous / Belt System	Asynchronous / Belt System	Spindle
X	✓	✓	X
X	X	✓	X
Ø5	Ø5	Ø5	Ø8
50 hz = 11.500 60 hz =14.000	50 hz = 11.500 60 hz =14.000	50 hz = 11.500 60 hz =14.000	12.000
250	250	250	460
115	115	115	210
110	110	110	210
X	X	X	Pneumaic
Pneumaic	Pneumaic	Pneumaic	Pneumaic
Profile Support	Profile Support	Profile Support	Conveyor
✓	✓	X	✓
✓	✓	✓	✓
Three phase	Three phase	Three phase	Single phase



# CORNER WELDING & CLEANING

The Secret to Seamless Connections. In the aluminum and PVC profile processing industry, corner welding and cleaning machines are indispensable for creating durable and aesthetically pleasing window and door systems.

These machines deliver precision welding at the joints and remove excess material for a flawless finish.



# ORION SERIES



The ORION family of welding machines streamline the welding process for four corners of your PVC profiles.

Its pneumatic motion ensures smooth operation, while the automatic frame output unit optimizes efficiency.

## ORION I SN

Automatic Single Head Seamless /  
Standard PVC Welding Machine



WEB

## ORION II SN

Automatic Double Head Seamless /  
Standard PVC Welding Machine



WEB

## ORION IV

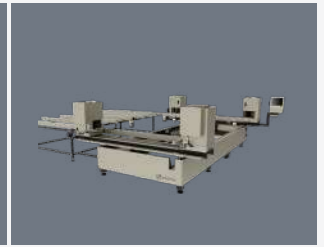
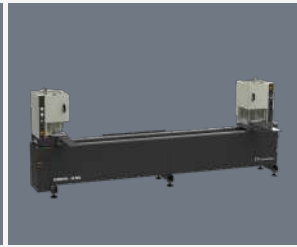
Automatic Four Head Seamless /  
Standard Servo Actuated Welding Machine



WEB

# ORION SERIES

## COMPARISON TABLE



	ORION - I SN	ORION - II SN	ORION - IV
Material (PVC Profile)	✓	✓	✓
Profile Combination Structure	Single Corner	Double Corner	Double Corner
Placeable Min/Max.Profile Width (mm)	140	150	150
Placeable Min/Max.Profile Height (mm)	40 / 120	40 / 205	40 / 200
Welding Angle (°)	60° - 180°	60° - 180° Moving Head	✗
Welding Seam - Zero / Normal	0,2 - 4	0,2 - 4	0,2 - 4
Welding Seam - Zero / Normal (C°)	0°-350°	0°-350°	0°-350°
Frame Size (min)	–	385	350 x 410 Frame Size
Frame Size (max)	–	3400	2650 x 4110
Barcode Reader	✗	✗	✓
Gasket Pressing System	✗	✗	✓
Special Mold	Opt.	Opt.	Opt.
Profile Support( Right and Left)	✓	✓	✗
Profile Holding and Cooling Unit	✗	✗	✓



## ORBIT SERIES

These are automatic PVC cleaning machines developed for post-welding corner and surface cleaning of PVC profiles. They clean the bottom, top, inner, and outer surfaces of 90° welded window

sashes, doors, frames, and similar profiles using their special blades, while their high capacity provides users with ease and time savings.



WEB



### ORBIT III

Semi-Automatic PVC Corner and Surface  
Cleaning Machine (Single Cutter Set)

### ORBIT IV SA

Automatic PVC Corner and Surface  
Cleaning Machine (3 Surfaces)



WEB

### ORBIT V

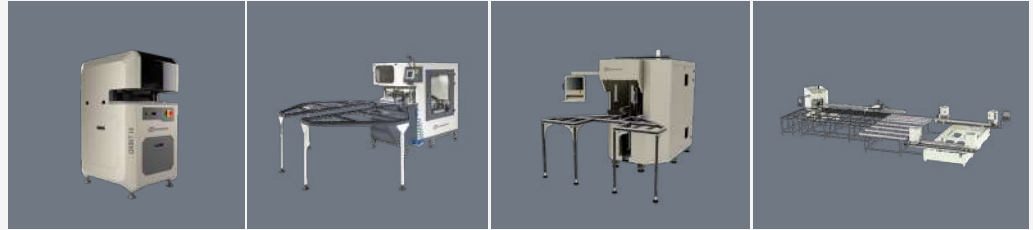
Full Automatic PVC Corner and Surface  
Cleaning Machine (4 Surfaces)



WEB

# ORBIT SERIES

## COMPARISON TABLE



	ORBIT - III	ORBIT - IV SA	ORBIT - V	SIRIUS
Material (PVC Profiles)	✓	✓	✓	✓
Machine Function	Cleaning	Cleaning	Cleaning	Welding+ Cleaning
Placeable Min/Max.Profile Width (mm)	30 / 130	30/ 155	30 / 150	30 / 150
Placeable Min/Max.Profile Height (mm)	30 / 180	30 / 150	25 / 200	40 / 200
Connectable Cleaning Blade / Saw Diameter (mm)	Min : Ø80 / Max : Ø180 Cleaning Blade	Ø 230 Saw	Ø 300 Saw	Ø 300 Saw
Machinable Surfaces	Top / Bottom / External Surface	Top / Bottom / External Surface	Top / Bottom / External Surface / Inside Profile / Wick Slot	Top / Bottom / External Surface / Inside Profile / Wick Slot
Frame Size (min)	–	350 x 350	350 x 400	350 x 410
Frame Size (max)	–	–	–	2650 x 4110
Barcode Reader	X	X	X	✓
Gasket Pressing System	X	X	X	Opt. (Welding Unit)
Special Mold	X	X	X	Opt. (Welding Unit)
Conveyor / Profile Support Unit	Ops.	Ops.	✓	✓
Profile Holding and Cooling Unit	X	X	X	✓



# CORNER CRIMPING

The APEX family of corner crimping machines tackles corner crimping for your aluminum profiles with unmatched efficiency and control.

Its high-pressure resistant steel plate ensures durability, while the servo-driven automatic positioning guarantees precise crimping every time. Enjoy user-friendly operation with the intuitive touchscreen interface and adapt to various profile sizes with the adjustable clamping system and configurable crimping blades.



# APEX SERIES

## APEX I

Automatic Hydraulic Aluminum  
Corner Crimping Machine



## APEX I A

Automatic Hydraulic Aluminum Corner  
Crimping Machine with Rising Miter



## APEX I MULTI

Automatic Hydraulic Multiple Aluminum  
Corner Crimping Machine with Rising Miter



## APEX AUTO

Automatic Servo Controlled  
Aluminum Corner Press



## APEX II

Automatic Hydraulic Double Head  
Aluminum Corner Crimping Machine



## APEX IV

Automatic Hydraulic Servo Actuated  
Four Head Corner Crimping Machine



# APEX SERIES

## COMPARISON TABLE



	APEX - I	APEX - I A	APEX I MULTI	APEX AUTO	APEX - II	APEX - IV
Material (Aluminum Profile)	✓	✓	✓	✓	✓	✓
Operating Type	Hydraulic	Hydraulic	Hydraulic	Servo	Hydraulic	Hydraulic
Blade Adjustment	Manual	Manual	Manual	Automatic	Manual	Manual
Profile Merge Structure	One Corner	One Corner	One Corner	One Corner	Two Corner	Four Corner
Placeable Min./Max.Profile Width (mm)	20 / 120	20 / 120	- / 90	20 / 150	20 / 95	20 / 95
Placeable Min./Max.Profile Height (mm)	150	200	150	250	150	150
Frame Dimensions (min)	—	—	—	—	495	500 x 500
Frame Dimensions (max)	—	—	—	—	3500	2000 x 3400
Crimping Pistons (pcs.)	2	2	1	2	4	8
Crimping Blade Thickness (mm)	5 mm (2 pcs.) 7 mm (2 pcs.)	5 mm (4 pcs.) 7 mm (4 pcs.)	5 mm (6 pcs.) 8 mm (6 pcs.)	5 mm (2 pcs.) 7 mm (2 pcs.)	5 mm (4 pcs.) 7 mm (4 pcs.)	5 mm (8 pcs.) 7 mm (8 pcs.)
Different profile placement (pcs.)	1	1	3	Unlimited	1	1
Oil Pressure (bar)	120-150	120-150	120-150	-	120-150	120-150
Crimping Set for Special Profiles	Opt.	Opt.	Opt.	Opt.	Opt.	Opt.
Control Panel	-	-	-	LS	-	-
Screen	Button Control	Button Control	Button Control	10" Touch Screen	Button Control	12" Touch Screen
Profile Support (Right and Left)	✓	✓	✓	✓	✓	X



## END MILLING & NOTCHING

The POLAR family of end milling machines tackle end milling for your aluminum and vinyl profiles with ease, thanks to its efficient hydro-pneumatic motion.

Secure your profiles during operation with pneumatic vertical and horizontal clamps and prioritize safety with the cover and its integrated safety sensor.

# POLAR SERIES

## POLAR V

Automatic End Milling Machine



WEB



## POLAR I

Portable End Milling Machine



WEB



## POLAR II

End Milling Machine



WEB



## POLAR III

Automatic End Milling Machine



WEB



## POLAR IV

Automatic End Milling Machine -  
Pneumatic Blade Replacement



WEB



# POLAR SERIES

## COMPARISON TABLE



	POLAR - I	POLAR - II	POLAR - III	POLAR - IV	POLAR - V
Material (Alm / Pvc)	✓	✓	✓	✓	✓
Working Method - (Manual / Automatic)	Manual	Manual	Automatic (Hydropneumatic)	Automatic (Hydropneumatic)	Automatic (Hydropneumatic)
Engine Power - (Kw)	1,1	1,1	1,1	2,2	2,2
Cutter Blade Diameter - Max.(mm)	Ø140	Ø140	Ø140	Ø160	Ø270
Cutter Blade Diameter - Min.(mm)	Ø30	Ø30	Ø30	Ø30	Ø30
Profile Width - Max.(mm)	125	160	210	210	275
Profile Height - Max.(mm)	70	90	90	160	180
Angled Miter	✓	✓	✓	✓	✓
Vertical Clamp - (Manual / Automatic)	Manual	Manual	Automatic (Pneumatic)	Automatic (Pneumatic)	Automatic (Pneumatic)
Horizontal Clamp - (Manual / Automatic)	Manual	Manual	Automatic (Pneumatic)	Automatic (Pneumatic)	Automatic (Pneumatic)
Profile Support Unit	X	✓	✓	✓	X
Conveyor Type Profile Support Unit	X	X	X	X	✓
Extra Blade Station	X	✓	✓	✓	✓
Blade Adapter	X	X	X	✓	✓
Pneumatically one-touch tool changing	X	X	X	✓	✓
Spray Blade Cooling System	X	X	X	✓	✓
Safety (Protection)	Blade group protection	Cabin Manual Open/Close	Cabin Manual Open/Close	Cabin Manual Open/Close	Cabin Manual Open/Close
Safety Key in Enclosure	Start/Stop button	✓	✓	✓	✓
Air - (Pressure -6-8 Bar)	X	X	✓	✓	✓
Electrical System (Standard)	Single phase	Single phase	Three phase	Three phase	Three phase



## COMET M

Manual Conveyor



WEB

## COMET MD

Manual Conveyor with Digital Measurement Display



WEB

## COMET GM

Conveyor with Profile Gauge (Servo Controlled)



WEB

## COMET DD

Digital Conveyor with Profile Gauge



WEB

## COMET PLUS

Semi-Automatic Servo Controlled Automatic Profile Feeding



WEB

## K 300 / K 6000

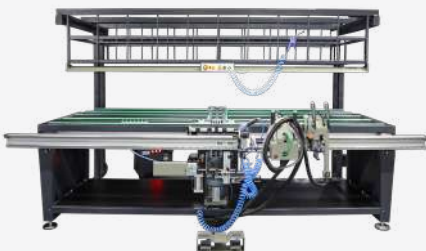
Conveyor - 3 m / 6 m



WEB

## SAS III

Sash Assembling Station



WEB

## SPACER

Automatic Reinforcement Steel Screwdriver



WEB

# CARTS

## WT II

Assembly Table



WEB

## CART C

Window Trolley



WEB

## CART V

Vertical Profile Transport Trolley



WEB

## CART V D

Vertical Profile Transport Trolley



## CART W

Door and Window Trolley



WEB

## CART H

Horizontal Profile Transport Trolley



WEB

## CART G

Gasket Transport Trolley



WEB

## SID/SIID

Gasket Knockdown Stand



WEB

## VELA

Dust Vacuuming System



WEB

## PLANET

Hinge Slot Milling Machine



WEB

# SOLUTION PARTNERS

**FANUC**

**FESTO**

**hertz**

**HITECO**  
HIGH TECHNOLOGY COMPONENTS

**HSD**  
MECHATRONICS

**igus**

**LS ELECTRIC**

**OMRON**

**Pemaks**  
Pneumatik

**SICK**  
Sensor Intelligence.

**SPINEA**  
BY TIMKEN

**THK**  
The Mark of Linear Motion



## ÖZÇELİK MAKİNA SAN. VE TİC. A.Ş.

Anadolu Mh. Kanuni Cd. No.8 34956 Orhanlı, Tuzla, İstanbul / TÜRKİYE

T: +90 216 304 20 10 | F: +90 216 304 19 88

[www.ozcelik.com](http://www.ozcelik.com)

[info@oz-machine.com](mailto:info@oz-machine.com) / [info@ozcelik.com](mailto:info@ozcelik.com)



[ozmachine1980](https://www.youtube.com/channel/UCzma1980)



[ozcelikmakine](https://www.instagram.com/ozcelikmakine)



[ozcelikmakine](https://www.facebook.com/ozcelikmakine)

