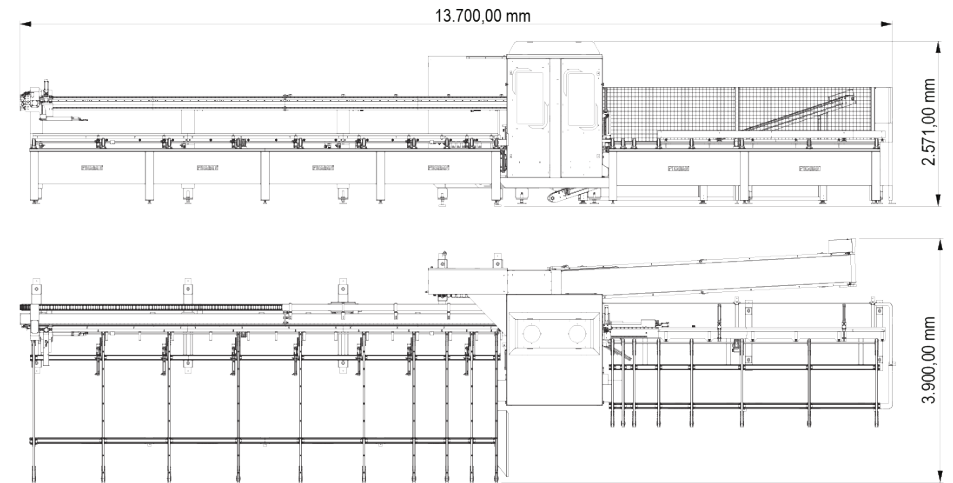












### General Features

- It performs the milling and cutting operations of the profiles.
- There is a SERVO motor-controlled processing unit that allows all desired operations on the part.
- Stress relieving method has been applied in casting and aluminum parts to ensure continuous precision.
- Waste can be automatically optimized and evaluated within the cut lists sent.
- There is a working algorithm in accordance with the principle of minimum waste and maximum production.
- It has profile moving and positioning, automatic profile recognition feature.
- Tool cooling system with oil-air mixture spraying speed adjustment, liquid level sensor. It has a periodic maintenance reminder function.
- Parameter settings can be made easily.
- ROBUST mechanical system suitable for high speed.
- It has an automatic lubrication system.
- Production capacity can be planned.
- 19" Kiosk, USB, Com port input, Service support with remote connection.

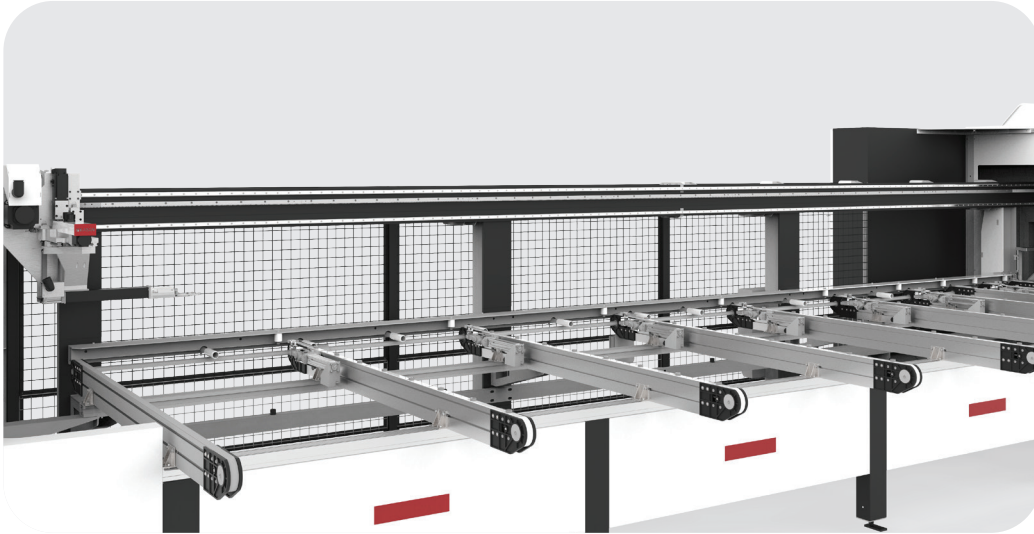
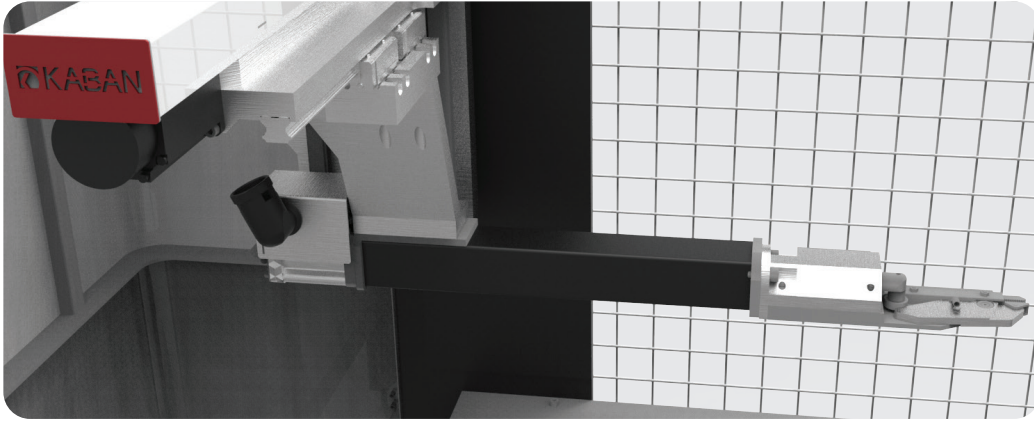


### FA 2010

 400 V (50-60 Hz) (kW)	 6-8 bar (t/dk)	 kg	 L x W x H (mm)	 L (min.) x L (max.) (mm)	 a x h (mm) (min.)	 a x h (mm) (max.)	 ØD x Ød x b (mm)
12,50	300	4840,00	13700 x 3900 x 2571	900 x 6500	25 x 10	150 x 190	Ø550 x Ø40 x 4,4

## Loading Unit

- 8 profiles can be loaded on the input conveyor.
- Maximum profile length that can be loaded on the input conveyor is 6500; the minimum profile length is 900 There
- is a warning system that prevents putting the wrong profile.

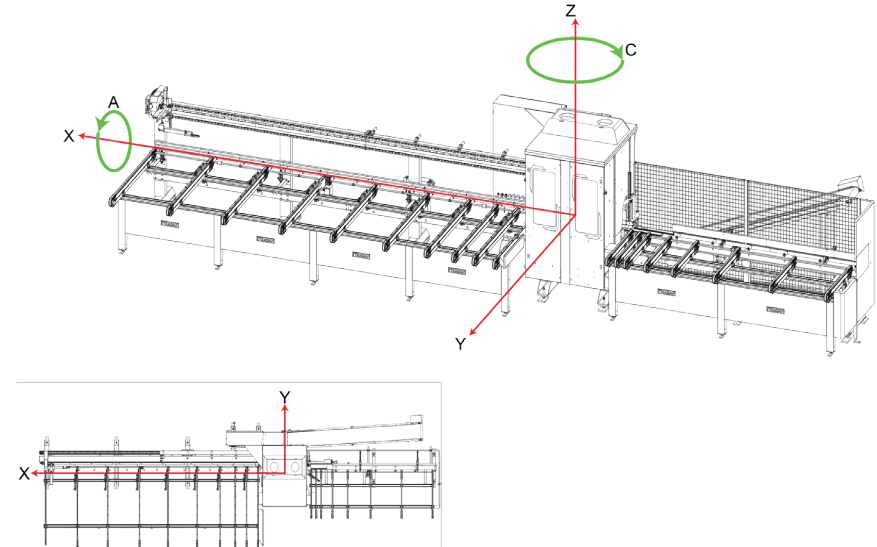


## Control Unit

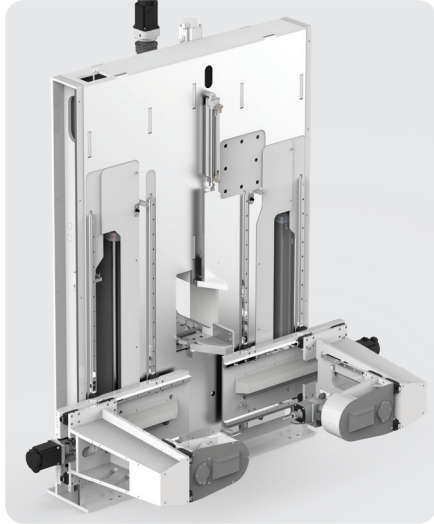
- Thanks to its easy to use and flexible operating system, it works compatible with all profile and optimization programs.
- Parameters of all units can be adjusted independently from each other easily.



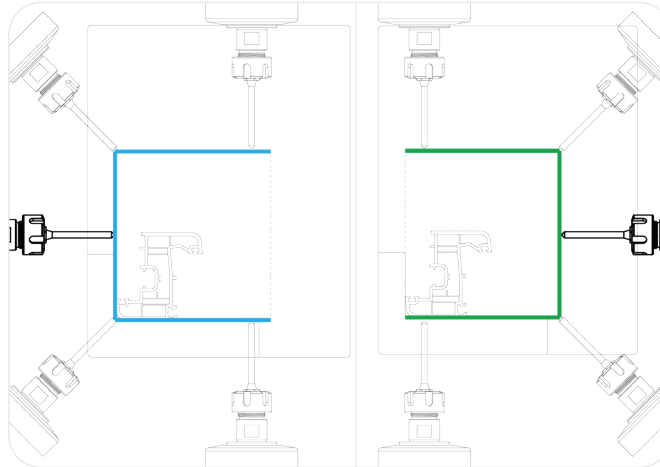
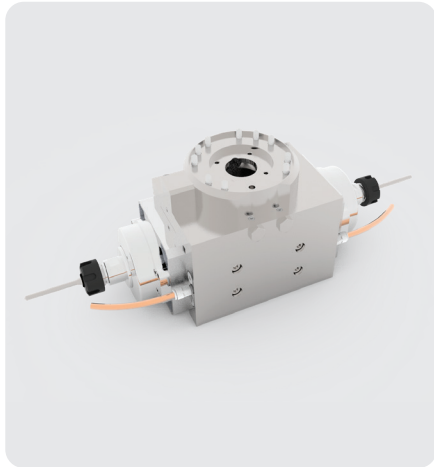
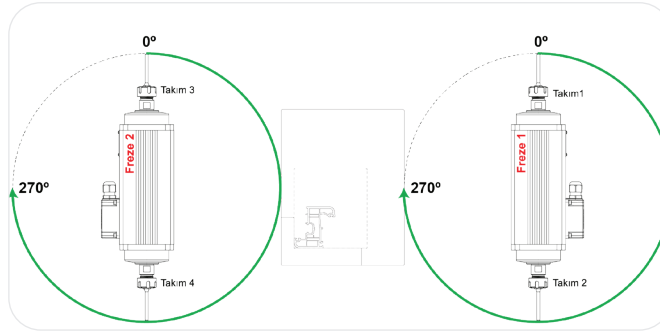
## Axis



## Routing Unit

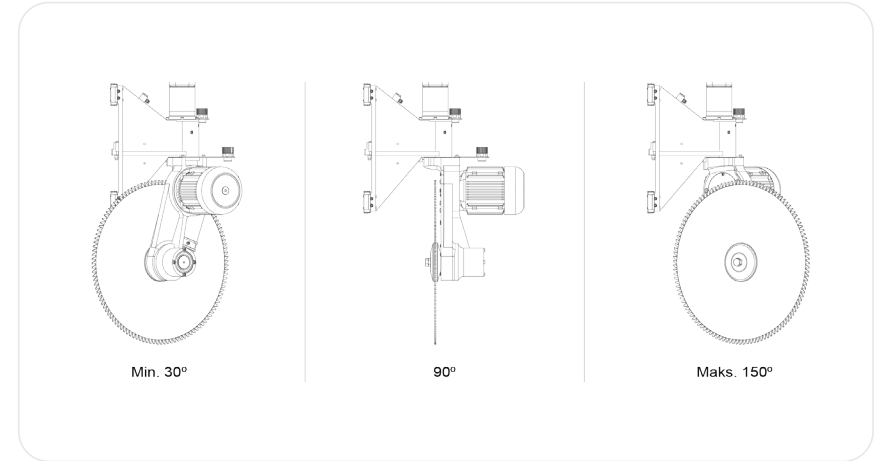
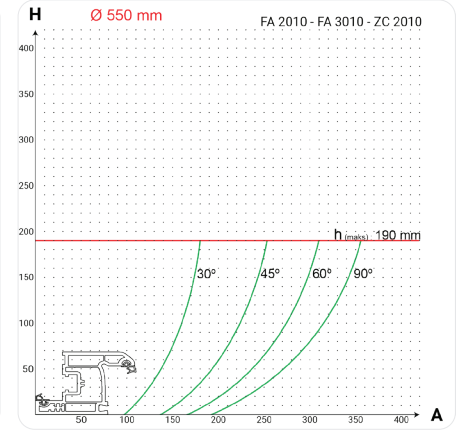
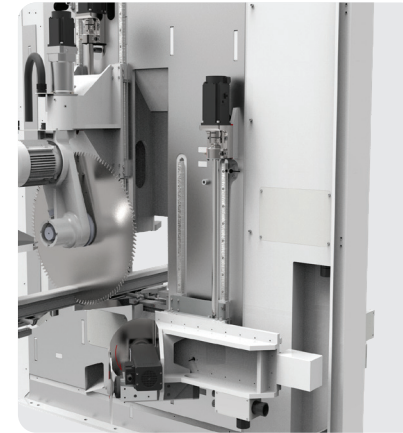


- There are SERVO controlled 2 separate processing groups, double milled hertz motor.
- Milling group angles move 270°.
- Thanks to the mutual SERVO motors in the milling unit, it has the opportunity to do double-sided processing.



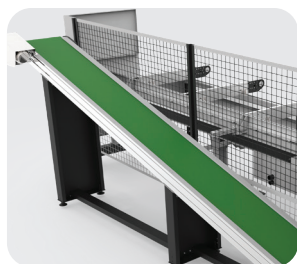
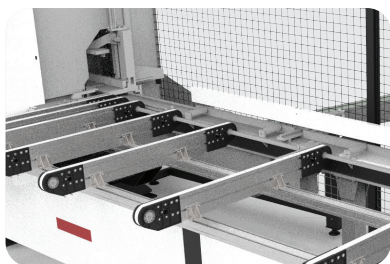
## Cutting Unit

- There is 1 vertically positioned 30-150° rotating saw.
- The PVC profile is transported and cut by a SERVO controlled robot.
- Saw speed can be adjusted.
- Standard saw diameter is Ø550 mm.



## Exit Conveyor and Sawdust Conveyor

- The maximum profile length of the exit conveyor is 4 meters.
- The label of each finished piece can be obtained from the barcode printer, and convenience can be provided for the production organization.
- The exit robot automatically transfers the cut parts onto the conveyor.
- With 1 chip conveyor, profile chips are removed from the system with maximum time savings.



## Options

• HA 1010  
Profile Trolley



• H 500  
Screwing and Drilling Unit



• H 100  
Screwing Unit



## Technical Features

Technical Specifications							
Description			FA 2010	ZC 2010	FA 3010		
Loading	Conveyor	Motor power	kW	0.37	0.37	0.37	
		Axis Speed	m/min	9.00	9.00	9.00	
Robot	X Axis	Motor power	Kw	1.50	1.50	1.50	
		Axis Speed	m/min	210.00	210.00	210.00	
		Part Processing	mm	6500.00	6500.00	6500.00	
	Y Axis	Motor power	kW	0.40	0.40	0.40	
		Axis Speed	m/min	90.00	90.00	90.00	
		Part Processing	mm	130.00	130.00	130.00	
	Z Axis	Motor power	kW	0.40	0.40	0.40	
		Axis Speed	m/min	90.00	90.00	90.00	
		Part Processing	mm	230.00	230.00	230.00	
	Milling 1	Router	Motor power	kW	0.75	1.50	0.75
			Maximum	rpm	18000.00	12000.00	18000.00
			Motor power	kW	0.40	0.40	0.40
X Axis		Axis Speed	rpm	90.00	90.00	90.00	
		Part Processing	mm	260.00	260.00	260.00	
		Motor power	Kw	0.75	0.75	0.75	
Y Axis		Axis Speed	m/min	90.00	90.00	90.00	
		Part Processing	mm	140.00	140.00	140.00	
		Motor power	kW	0.75	0.75	0.75	
Z Axis		Axis Speed	m/min	45.00	45.00	45.00	
		Part Processing	mm	220.00	220.00	220.00	
		Motor power	kW	0.40	0.40	0.40	
A Axis	Axis Speed	/sn	285.00	285.00	285.00		
	Pain	°	0 - 270	0 - 270	0 - 270		
	Motor power	kW	0.75	1.50	0.75		
Milling 2	Router	Maximum	rpm	18000.00	12000.00	18000.00	
		Motor power	kW	0.40	0.40	0.40	
		Axis Speed	rpm	90.00	90.00	90.00	
	X Axis	Part Processing	mm	260.00	260.00	260.00	
		Motor power	Kw	0.75	0.75	0.75	
		Axis Speed	m/min	90.00	90.00	90.00	
	Y Axis	Part Processing	mm	140.00	140.00	140.00	
		Motor power	kW	0.75	0.75	0.75	
		Axis Speed	m/min	45.00	45.00	45.00	
	Z Axis	Part Processing	mm	220.00	220.00	220.00	
		Motor power	kW	0.40	0.40	0.40	
		Axis Speed	/sn	285.00	285.00	285.00	
A Axis	Axis Speed	/sn	0 - 270	0 - 270	0 - 270		
	Motor power	kW	1.50	1.50	1.50		
	Maximum	rpm	2850.00	2850.00	2850.00		
Saw	Saw	Saw Diameter	mm	Ø550	Ø550	Ø550	
		Motor power	kW	0.75	0.75	0.75	
		Axis Speed	m/min	45.00	45.00	45.00	
	Z Axis	Part Processing	mm	Cutting Diagram	Cutting Diagram	Cutting Diagram	
		Motor power	kW	0.75	0.75	0.75	
		Axis Speed	/sn	900.00	900.00	900.00	
C Axis	Pain	°	30 - 150	30 - 150	30 - 150		
	Motor power	kW	-	-	2 x 1.1		
	Maximum	rpm	-	-	6000.00		
V Cutting	Saw	Saw Diameter	mm	-	-	Ø250	
		Motor power	kW	-	-	0.40	
		Axis Speed	m/min	-	-	90.00	
	Y Axis	Part Processing	mm	-	-	62.00	
		Motor power	kW	-	-	0.75	
		Axis Speed	m/min	-	-	45.00	
Z Axis	Part Processing	mm	-	-	95.00		
	Chip Conveyor	kW	0.37	0.37	0.37		
	Output Conveyor	kW	0.37	0.37	0.37		
Exit	Conveyor	Pressure	bar	6 - 8	6 - 8	6 - 8	
		Consumption	l/min	300.00	300.00	300.00	
Air	Power	Voltage	V	400	400	400	
		Power	kW	12.50	14.00	16.00	
			A	28.00	28.00	32.00	
Profile Dimensions	Profile Max. (axhxl)	mm	150x190x6500	150x190x6500	Without V cut (150x190x6500) With V cut (62x95x6500)		
		Profile Min. (axhxl)	mm	25 x 10 x 900	25 x 10 x 900	25 x 10 x 900	
	Weight	Net	kg	4840.00	5010.00	5000.00	
		Width	mm	13.700	14.700	13.700	
		Length	mm	3.900	3.900	3.900	
Dimensions	Height	mm	2.571	2.571	2.571		