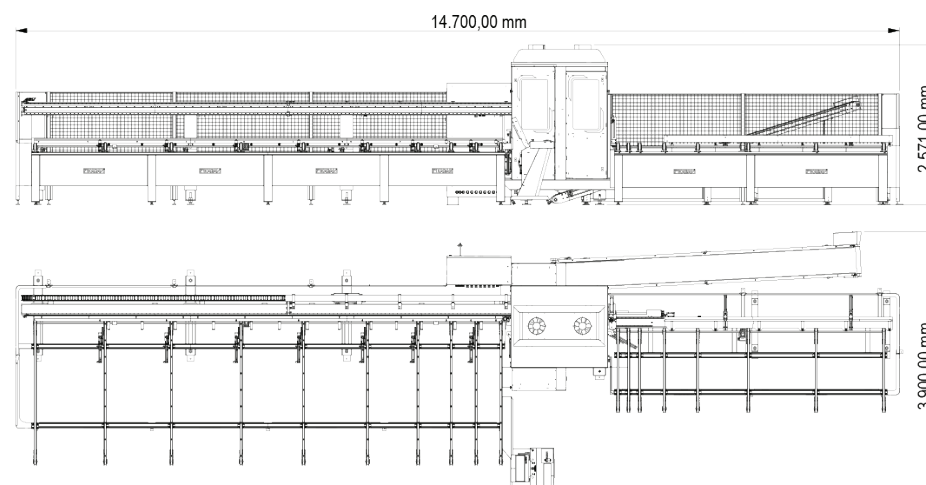




General Features

- 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.
- Profile dimensions of maximum (a x h) 150 x 190, minimum (a x h) 25 x 10.
- 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.

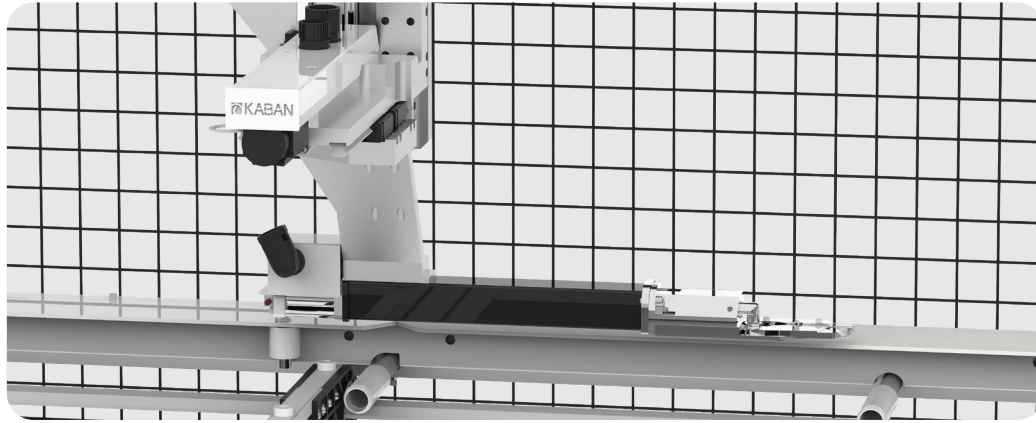


ZC 2010

							
400 V (50-60 Hz) (kW)	6-8 bar (t/dk)	kg	W x L 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)
14	350	5320	14700 x 3900 x 2571	900 x 6500	25 x 10	150 x 190	Ø 550 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 millimeters.
- There is a warning system that prevents putting the wrong profile.

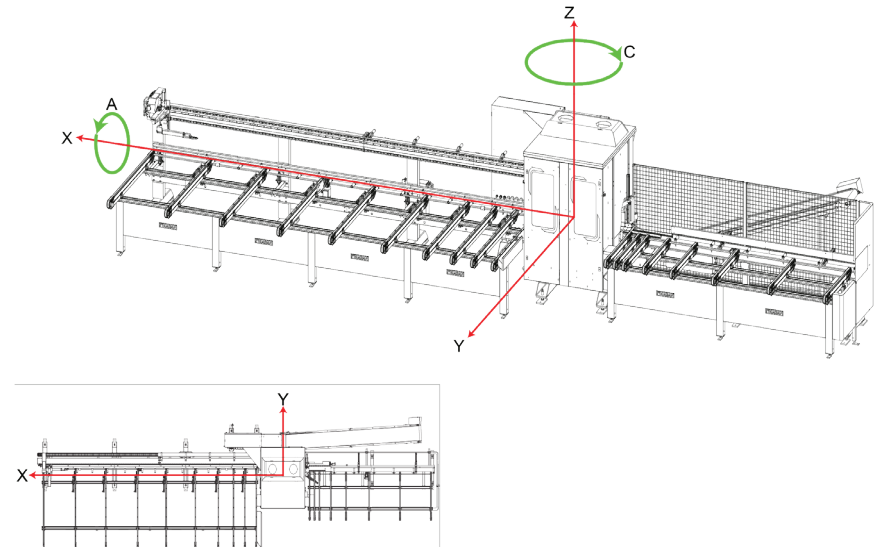


Control Unit

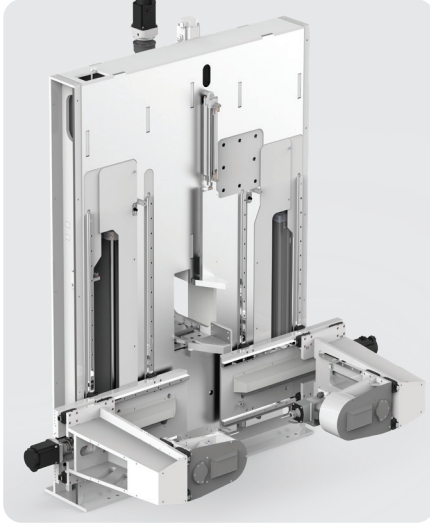
- Thanks to its easy to use and flexible operating system, it works compatible with all profile and optimization programs.
- Parameters of all units can be adjusted independently from each other easily.
- It has a periodic maintenance reminder function.



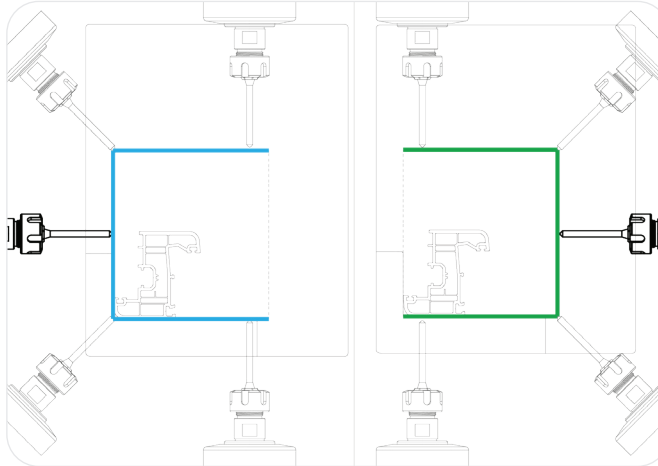
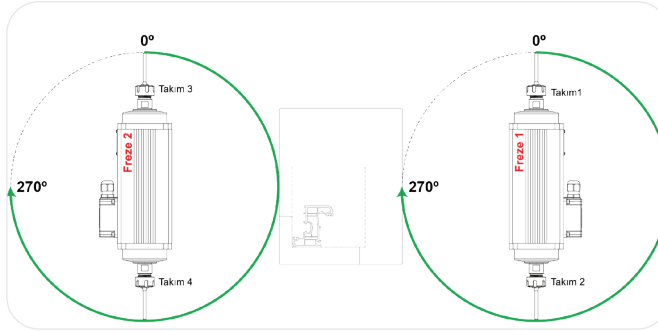
Axis



Routing Unit

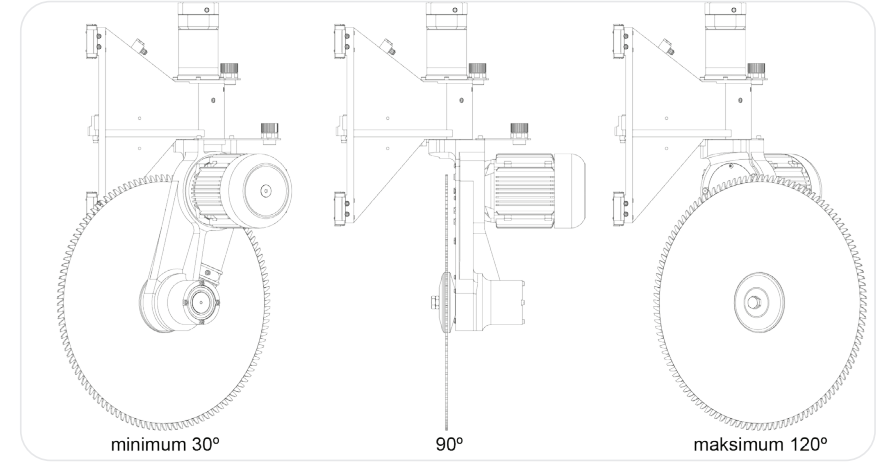
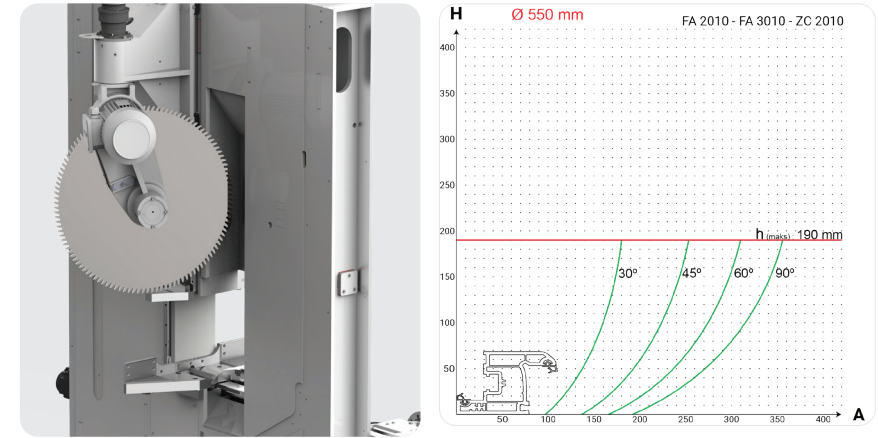


- There are SERVO controlled 2 separate processing groups, double milled hertz motor.
- Milling group angles move 270°.
- Thanks to the mutual SERVO motors in the milling unit, it has the opportunity to do double-sided processing.



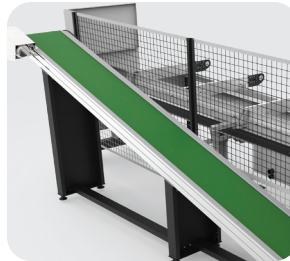
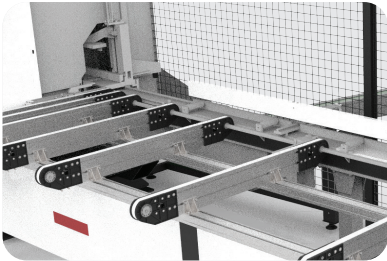
Cutting Unit

- 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

- **PTR 200**
Profile Trolley



- **H 500**
Screwing and Drilling Unit



- **H 100**
Screwing Unit



Technical Features

		Description		FA 2010	ZC 2010	FA 3010
Loading	Konveyör	Motor power	kW	0.37	0.37	0.37
		Axis Speed	m/dk	9.00	9.00	9.00
		Motor power	Kw	1.50	1.50	1.50
Robot	X Axis	Axis Speed	m/dk	210.00	210.00	210.00
		Part Processing Length	mm	6500.00	6500.00	6500.00
		Motor power	kW	0.40	0.40	0.40
	Y Axis	Axis Speed	m/dk	90.00	90.00	90.00
		Part Processing Length	mm	130.00	130.00	130.00
		Motor power	kW	0.40	0.40	0.40
	Z Axis	Axis Speed	m/dk	90.00	90.00	90.00
		Part Processing Length	mm	230.00	230.00	230.00
		Motor power	kW	0.75	1.50	0.75
Milling 1	Router	Maximum Rotation Speed	d/dk	18000.00	12000.00	18000.00
		Motor power	kW	0.40	0.40	0.40
		Axis Speed	d/dk	90.00	90.00	90.00
	X Axis	Part Processing Length	mm	260.00	260.00	260.00
		Motor power	Kw	0.75	0.75	0.75
		Axis Speed	m/dk	90.00	90.00	90.00
	Y Axis	Part Processing Length	mm	140.00	140.00	140.00
		Motor power	kW	0.75	0.75	0.75
		Axis Speed	m/dk	45.00	45.00	45.00
	Z Axis	Part Processing Length	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
Milling 2	Router	Pain	°	0 - 270	0 - 270	0 - 270
		Motor power	kW	0.75	1.50	0.75
		Maximum Rotation Speed	d/dk	18000.00	12000.00	18000.00
	X Axis	Motor power	kW	0.40	0.40	0.40
		Axis Speed	d/dk	90.00	90.00	90.00
		Part Processing Length	mm	260.00	260.00	260.00
	Y Axis	Motor power	Kw	0.75	0.75	0.75
		Axis Speed	m/dk	90.00	90.00	90.00
		Part Processing Length	mm	140.00	140.00	140.00
	Z Axis	Motor power	kW	0.75	0.75	0.75
		Axis Speed	m/dk	45.00	45.00	45.00
		Part Processing Length	mm	220.00	220.00	220.00
Saw	Router	Motor power	kW	0.40	0.40	0.40
		Axis Speed	°/sn	285.00	285.00	285.00
		Pain	°	0 - 270	0 - 270	0 - 270
	Saw	Motor power	kW	1.50	1.50	1.50
		Maximum Rotation Speed	d/dk	2850.00	2850.00	2850.00
		Saw Diameter	mm	Ø550	Ø550	Ø550
	Z Axis	Motor power	kW	0.75	0.75	0.75
		Axis Speed	m/dk	45.00	45.00	45.00
		Part Processing Length	mm	Cutting Diagram	Cutting Diagram	Cutting Diagram
	C Axis	Motor power	kW	0.75	0.75	0.75
		Axis Speed	°/sn	900.00	900.00	900.00
		Pain	°	30 - 150	30 - 150	30 - 150
V Cutting	Saw	Motor power	kW	-	-	2 x 1.1
		Maximum Rotation Speed	d/dk	-	-	6000.00
		Saw Diameter	mm	-	-	Ø250
	Y Axis	Motor power	kW	-	-	0.40
		Axis Speed	m/dk	-	-	90.00
		Part Processing Length	mm	-	-	62.00
Exit	Conveyor	Motor power	kW	-	-	0.75
		Axis Speed	m/dk	-	-	45.00
		Part Processing Length	mm	-	-	95.00
	Chip Conveyor Motor	Motor power	kW	0.37	0.37	0.37
		Pressure	bar	6 - 8	6 - 8	6 - 8
		Consumption	lt/dk	280.00	350.00	280.00
Profile Dimensions	Air	Power	kW	12.50	14.00	16.00
		Voltage	V	400.00	400.00	400.00
		Without V-Cutting (150 x 190 x 6500)				
	Profile Dimensions	Profile Max. (axhxl)	mm	50 x 190 x 650	50 x 190 x 650	25 x 10 x 900
		Profile Min. (axhxl)	mm	25 x 10 x 900	25 x 10 x 900	25 x 10 x 900
		Weight	kg	4750.00	5320.00	4900.00
	Dimensions	Width	mm	13700.00	14700.00	13700.00
		Length	mm	3900.00	3900.00	3900.00
		Height	mm	2571.00	2571.00	2571.00