

SA 3030

PVC Angled Super Cutting Center



Kaban Makina Sanayi ve Tic. Ltd. Şti.

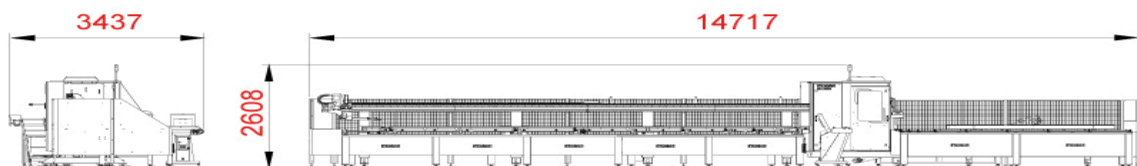
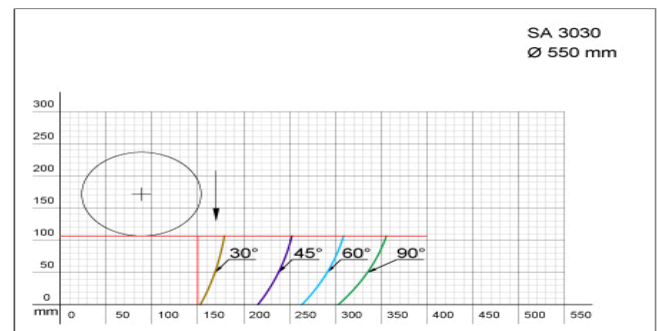
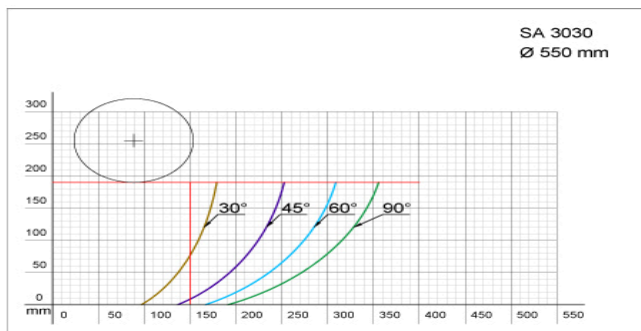
Hadımköy Atatürk Sanayi Bölgesi, Ömerli Mahallesi, 75.Yıl Caddesi, Uzunçayır Sokak, No:12, P.K. 34555 Arnavutköy İstanbul

www.kaban.com.tr

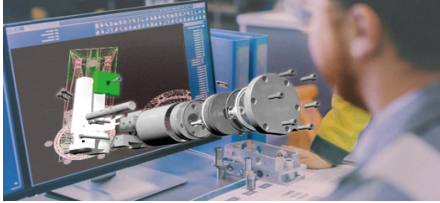
SA 3030 PVC Angled Super Cutting Center



- Precise cutting of PVC profiles at angles between 30° - 150°
- Robust mechanical system suitable for high speed
- The profile is transported and cut by servo controlled robot.
- Capacity to load up to 8 profiles at a time
- 7,500 mm profile length
- Saw speed 2.850 rpm.
- Saw Diameter 550 mm
- Mitsubishi PLC control system
- Reöte service support
- Adjustable parameter
- Automatic profile recognition
- Automatic lubrication system



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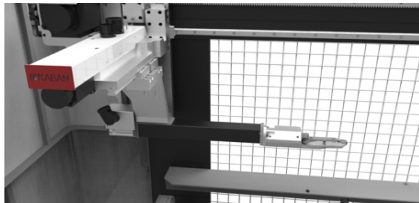


Design

- Performs precise cutting operations of profiles between 30°-150°
- The profile is transported and cut by a servo-controlled robot
- Saw feed speed adjustable
- Stress relieving of cast and aluminium parts to ensure continuous accuracy
- The profile can be maximum (a x h) 150 x 190, minimum (a x h) 25 x 10
- Profile handling and positioning, automatic profile recognition
- Tool cooling system with oil-air mixture spray speed adjustment, liquid level sensor
- Periodic maintenance reminder function
- Easy parameter settings can be made
- ROBUST mechanical system suitable for high speed
- Automatic lubrication system
- Production capacity can be planned

Control Panel

- Easy-to-use and flexible operating system compatible with all profile and optimisation programs
- The parameters of all units can be easily set independently of each other
- 19" Kiosk
- USB Com port input

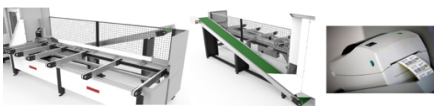
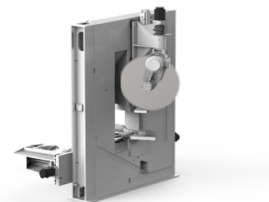


Input Unit

- 8 profiles can be loaded on the inlet conveyor
- The maximum profile length that can be loaded on the inlet conveyor is 7500; the minimum profile length is 900 millimetres
- There is a warning system that prevents incorrect profiling
- 3 axis servo controlled profile driving robot

Cutting Unit

- Vertically positioned saw rotatable between 30° and 150°
- Adjustable saw feed speed
- Ø 550 mm saw
- The profiles are transported and cut by a servo-controlled robot.



Exit Conveyor and Chip Conveyor

- Profile length up to 4 m
- Conveyor where the cut pieces are transferred automatically
- Barcode printer
- Chip conveyor for waste parts

Safety

- In the event of a power outage, the UPS system ensures that the machine computer does not shut down.





Technical Support

- Periodic maintenance reminder function
 - Remote service support
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Input Group	Conveyor	Axis Speed	0,37	m/min
	Profile Holder	Axis Speed	9	m/min
	Z Axis	Axis Speed	130	m/min
Exit	Profile Holder	Parts Machining Length	1,5	mm
	Saw	Motor Power	210	kW
	Saw	Max. Rotation Speed	7500	cycle/min
	Saw	Saw Diameter	0,4	mm
	Z Axis	Motor Power	90	kW
	C-Axis	Motor Power	0,4	kW
	C-Axis	Axis Speed	90	°/sec
	Conveyor	Axis Speed	230	m/min
Machine Dimensions	Conveyor	Pressure	1,5	bar
	Conveyor	Consumption	2850	Lt/min
	Conveyor	Voltage	550	V
	Conveyor	Power	0,75	kW
	Conveyor	Net	45	kg
	Conveyor	Sound	0,4	d(b)
	Conveyor	Length(L)	900	°/sec
	Conveyor	Width(W)	°	mm
Machine Dimensions	Conveyor	Height(H)	0,37	mm
Technical Specifications	Air	Pressure	6-8	bar
	Air	Consumption	350	l/min
	Feed	Voltage	400	V
	Feed	Power	6	kW
	Feed	Current	12	A
	Profile Dimensions That Can Be Processed	Profile Max.	150x190x7500	mm
	Profile Dimensions That Can Be Processed	Profile Min.	25x10x900	mm
	Weight	Net Machine Weight	3436	kg
	Weight	Gross weight	4251	kg
	Sound	Noise	d(B)	96
	Machine Dimensions	Length	14717	mm
	Machine Dimensions	Width	3437	mm
	Machine Dimensions	Height	2608	mm

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PTR 200 Shelf-Type Profile Transport Cart

Multi-compartment cart that supports workflow optimization