

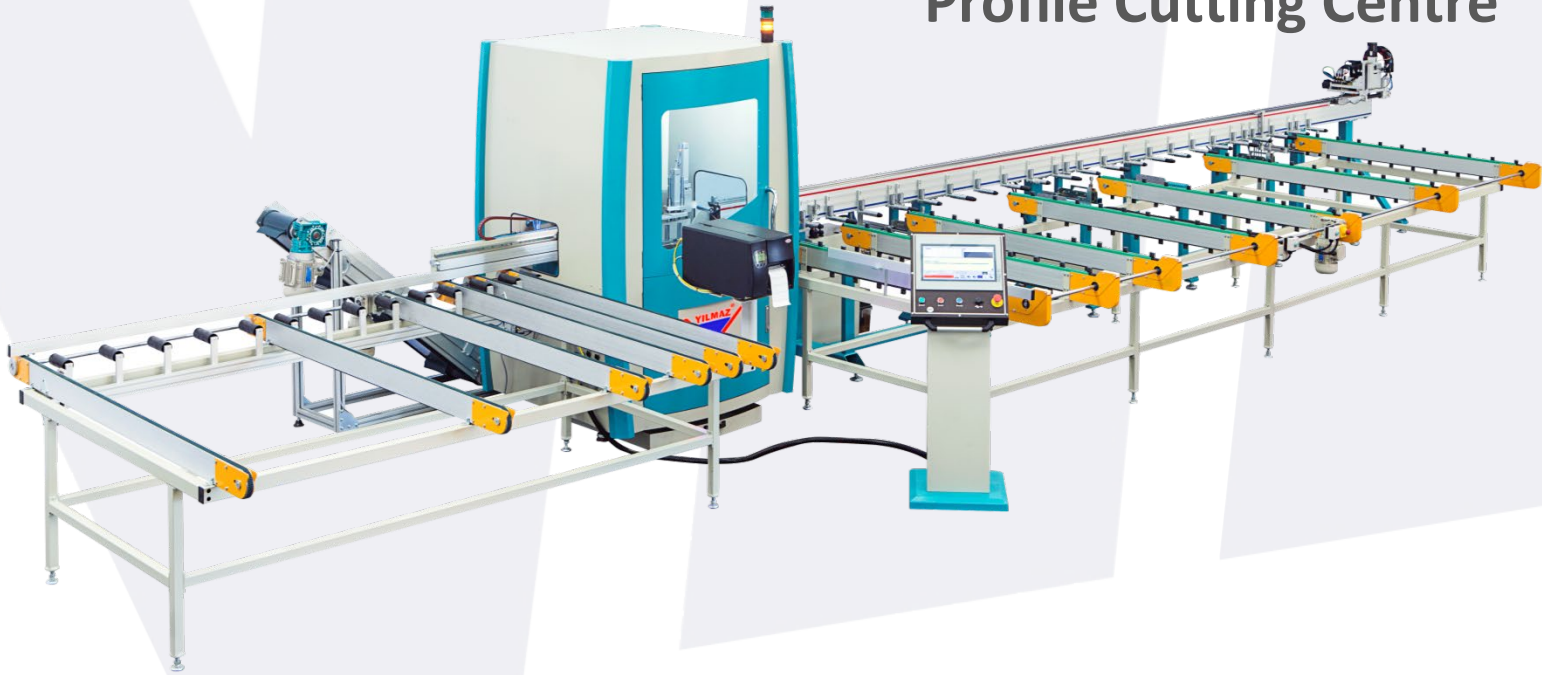
PROSAW

Supplying the World's Finest Machines to UK industry since 1963



PCC 6505

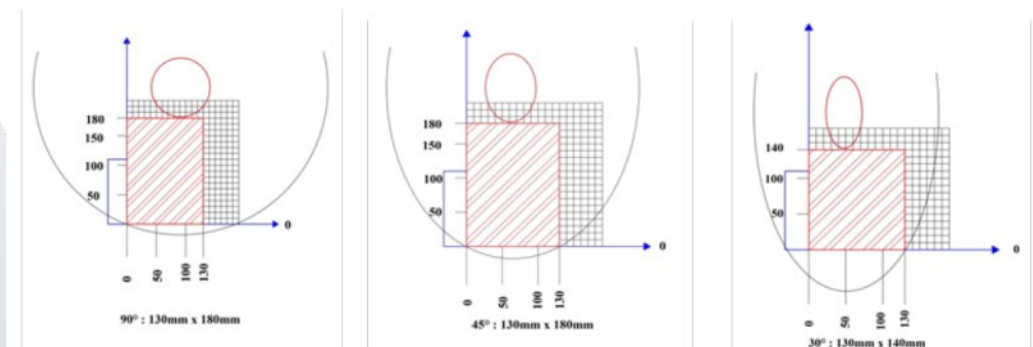
Profile Cutting Centre



FEATURES

- The servo-controlled PCC 6505 machine is specifically designed for the high-capacity cutting of any kind of PVC and aluminium profiles in the market.
- 10 pieces of profile can be loaded onto the input side of the machine at one time, each with a maximum length of 6.5m.
- CNC control allows for pre-programming of all cutting and handling functions. Once loaded, all the operator need do is press the start button!
- The combination of a computer-controlled high performance robot arm with the 500mm Ø saw unit allows for cutting at angles from 30° to 150°. Cut sections are then automatically placed onto the outlet conveyor.

CUTTING CAPACITIES



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MAIN SPECIFICATION

- Ø 500 mm of down-cutting saw blade
- Pneumatic gripper provides accurate positioning of the profile
- Servo-control system provides 5 axis motion control
- The servo-controlled saw blade unit, rotates between the range of 30° and 150° with an accuracy of $\pm 0.1^\circ$
- Single or multi-bar (packed) cutting features (optional extra)
- Horizontal and vertical clamping of workpiece during the sawing operation
- Automatic conveyor unit with a 10 piece loading capacity
- Fully automated feeding, carrying, positioning, cutting and transferring of profile
- Average time for single piece cut: 10-12 sec/pc.
- Windows-based PC with 15" LCD touch-screen HMI
- Cutting options: serial cutting from list or manual
- Interface program easily integrated to all the drawing programs
- Frame and sash recognition system
- Profile width and height dimension control system
- Conveyor belt for chips and scrap profiles
- Automatic mist-spray lubrication system
- Low pressure control for saw blade safety operation
- LED interior lighting
- Network connectivity allows for remote technical support



Available Options:

Integrated barcode printer and conveyor belt for removal of chips and scrap profile



AXIS	
Total axis	5
Max. profile length (mm)	6600
Min. profile length (mm)	700
POSITIONING SPEED	
U-axis profile infeed speed (m/min.)	100
AUTOMATIC CUTTING UNIT	
Saw blade dia. (mm)	500
Min. cutting length at 90° (mm)	400
Min. cutting length at 45° (mm)	400
Min. profile dim. to be hold (HxW) (mm)	40 x 40
Max. profile dim. to be hold (HxW) (mm)	180 x 130
Saw blade cutting range (°)	from 30° to 150°
GENERAL	
Machine net dim. (mm)	12500 x 3800 x 2500
Machine net /gross weight (kg)	1950 x 2170
Saw blade motor power (kW)	2.2
Voltage-frequency-current	400V 3P-50/60Hz,
Total power (kW)	7

Teknik Özellikler Technical Features Спецификации PCC 6505							
	1x3 kW-50/60Hz 2x0.37 kW servo 1x0.55 kW servo	D: 500 max. d: 30 mm	2450 RPM	6 BAR	50 lt./ min.	380 x 250 1250 mm	1950 2170