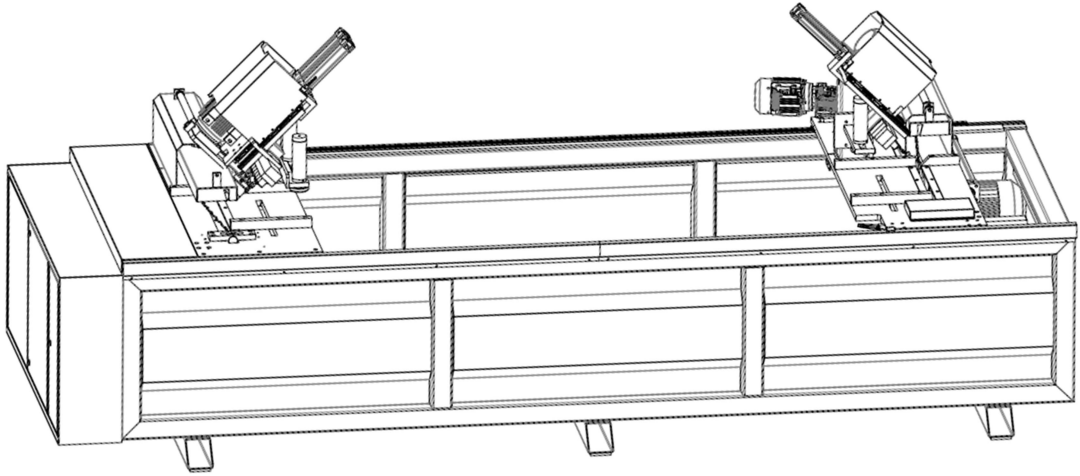


WD 450

“Double Miter 45°/90° Twin Saw & 12 Pin Hole Drilling Unit”

WOOD



WD 450

“ Technical specification “



Automatic double head 45 – 90 degrees wooden door frame cutting and drilling for the connections.
Moving head go to length with digital controller (optional) or manual measurement.

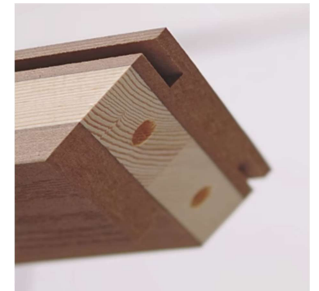
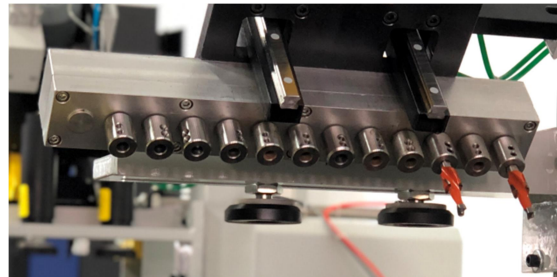
Digital positioning controller



Pneumatical angulations for 45°-90°



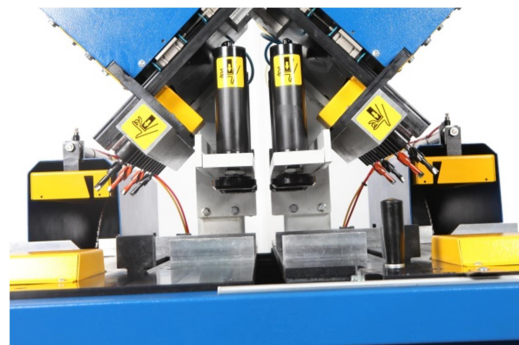
12 pcs drilling



Double Hand Control System

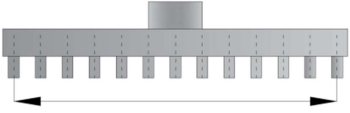
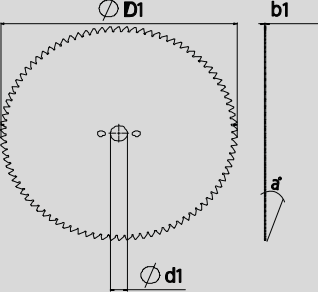
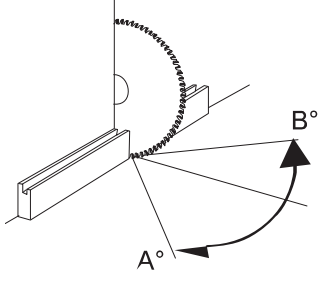
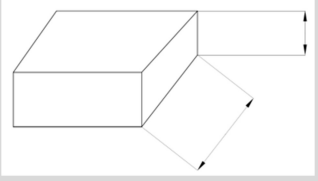



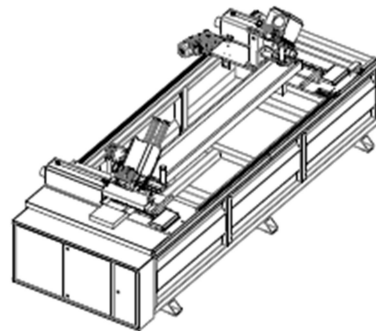
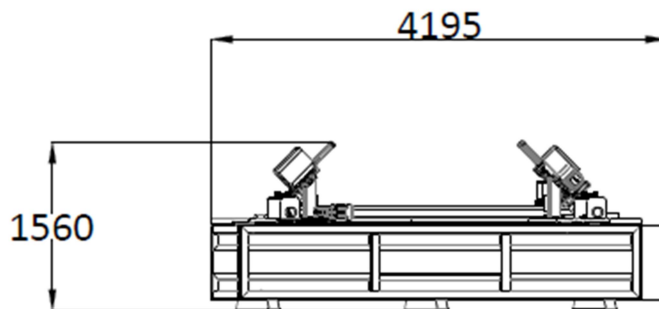
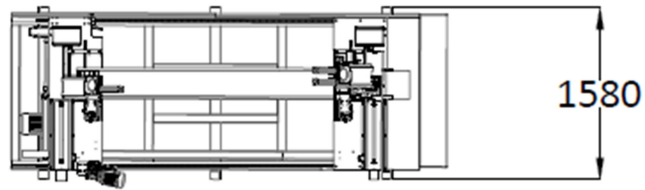
Special Vertical – Horizontal Clamp System



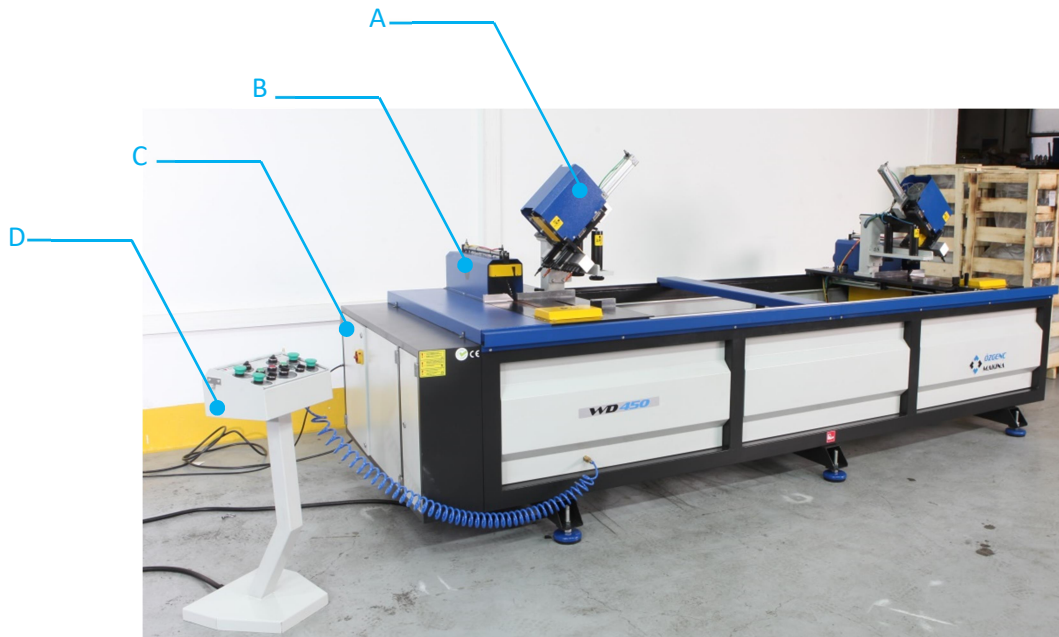


Operating Voltage	380	Volt (V)	
Power	8,5	Kilowatt (Kw)	
Operating Pressure	6-8	BAR	
Total Air Consumption	300	Lt /Min	
Saw Blade Motor Power	3 x 2 = 6	Kilowatt (Kw)	
RPM	4000	Rpm	
Drilling Motor Power	0,75 x 2 = 1,5	Kilowatt (Kw)	
RPM	3000	Rpm	
Digital Positioning Motor Power (Optional)	0,37	Kilowatt (Kw)	
Gear Box Ratio			
Max Cutting Length	2750	Milimeter (mm)	
Min Cutting Length	680	Milimeter (mm)	
Number of Drilling Bits	12	pcs	
Center Distance Between Each Spindle	32	Milimeter (mm)	

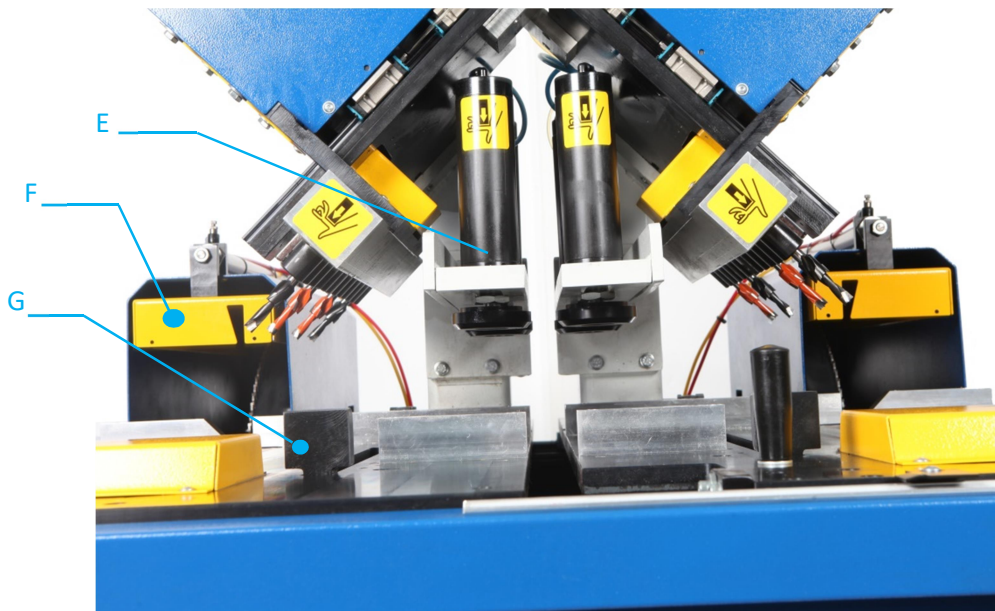
Total centerdistance between first and last spindle	384	Milimeter (mm)	
Saw Blade Dia	450	Milimeter (mm)	
Inner Dia			
Teeth Number			
Turning Degree	45 – 90 °	Degree (°)	
Max Cutting Capacity	Height – Width		
45° Cutting	80 x 250	Milimeter (mm)	
90° Cutting	130 x 300	Milimeter (mm)	
Weight	1200	Kilogram (Kg)	



Length : 4195 mm
Width : 1580 mm
Height : 1560 mm



A. Fix Head Drilling Units (12 pcs)
B. Saw Blade Unit Group (450 mm)
C. Electric Panel
D. Control Unit

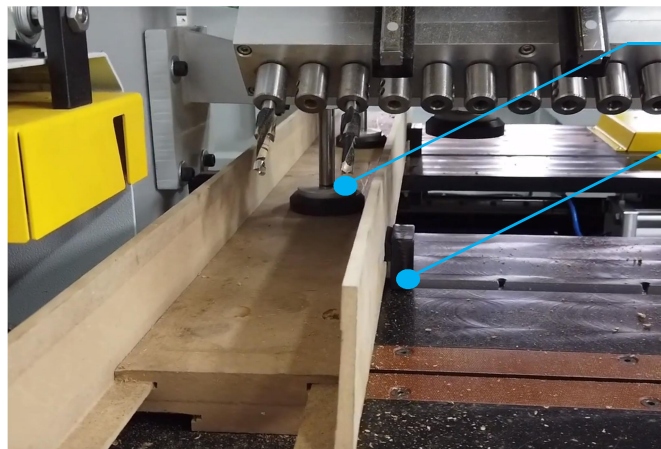
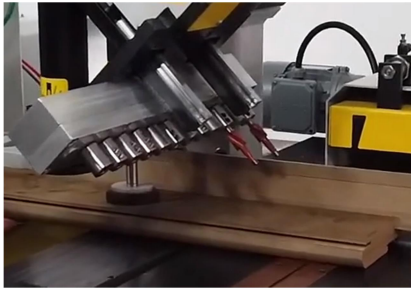


E. Vertical Clamps (4 pcs)
F. Saw Blade Follower Cover
G. Horizontal Clamps (2 pcs)



Machine have totally 6 pcs pneumatic clamps, 4 pcs vertical & 2 pcs horizontal

Horizontal clamps position according the profile type

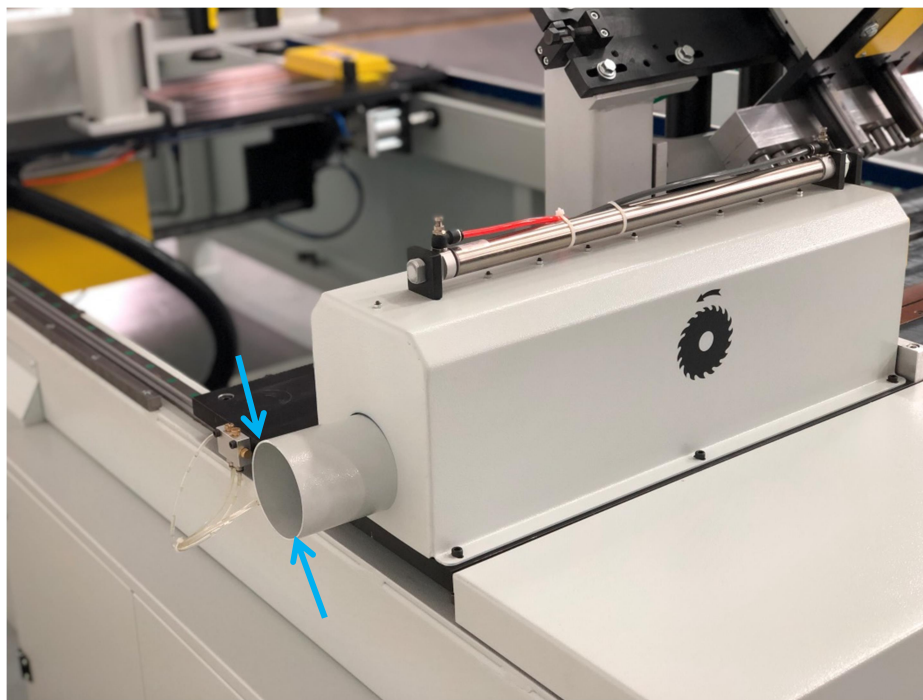
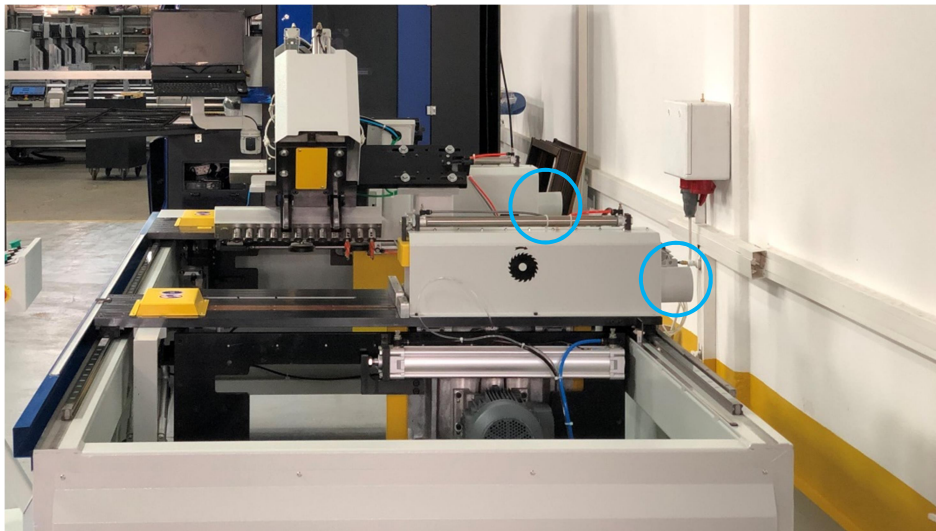


Vertical Clamps

Horizontal Clamps



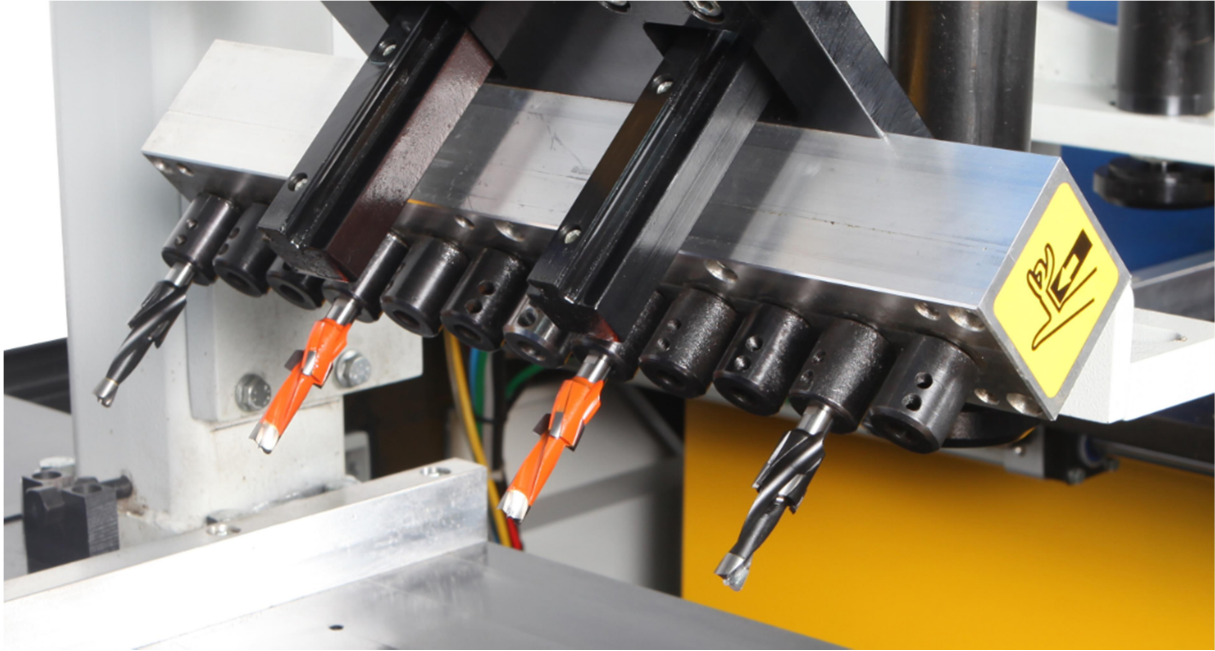
Machine have a 2 vacuum hose behind the saw blades



Vacuum inlet hose dia = $\text{Ø}90$ mm



1-) Insert the milling cutters required for the operation according to the required position.

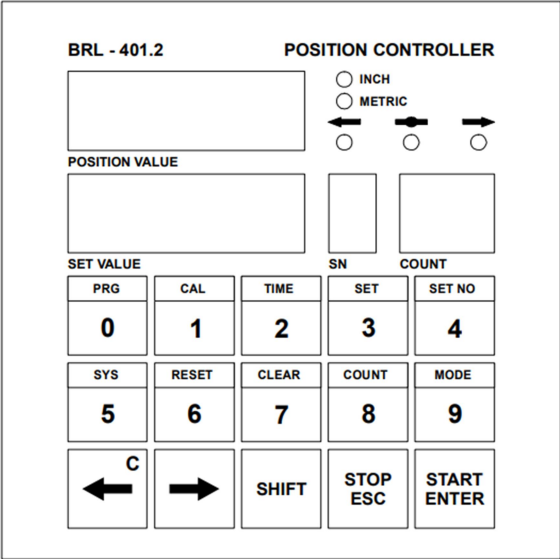


2-)

A. Machines with automatic position controller, enter the cutting length.”(position controller device is optional)”

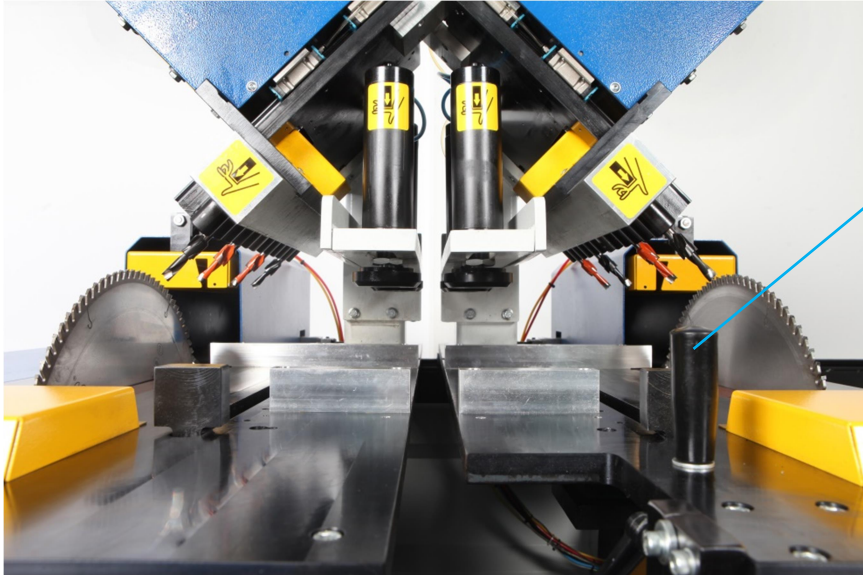


Enter the lengths wit numberpad then press the "START/ENTER" button



Machine will come the length which you enter the position controller device

- B. For standard machines (without position controller) slide the moving head handle according to ruler



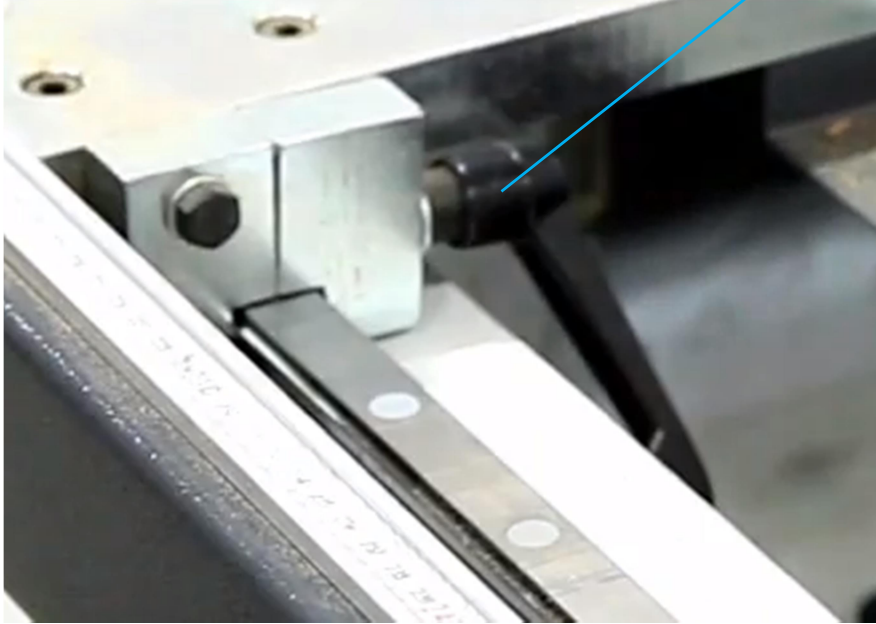
Handle for slide the moving head



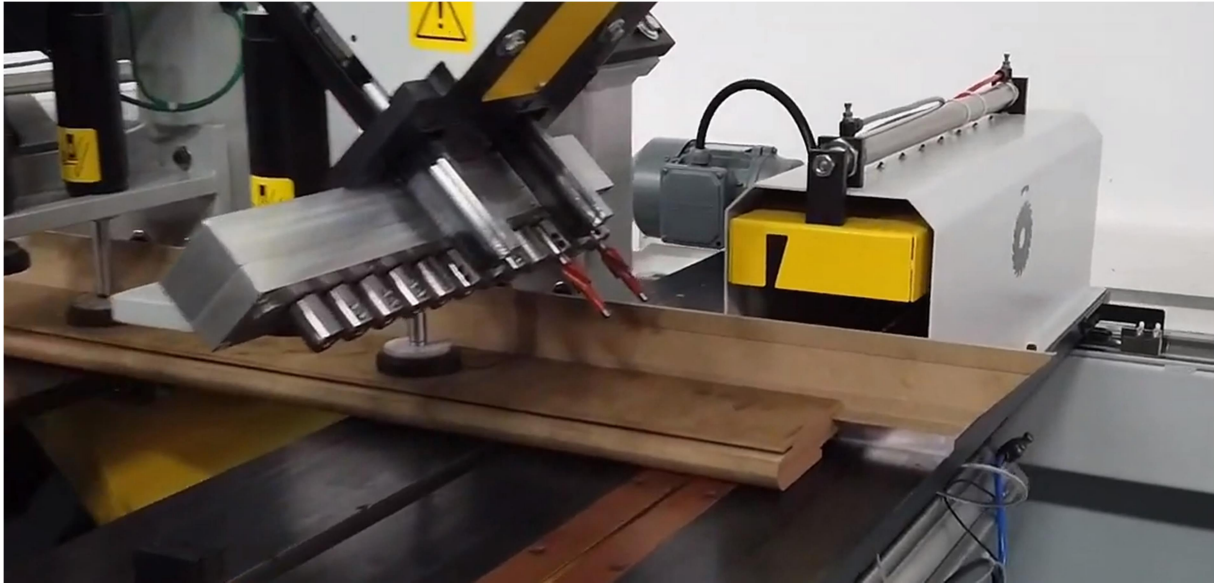
You can check the length from this ruler

Then tight the fixtator

Length fixtator



3-) Put the profile/profiles which you want to cut and drill it



Turn the clamps active button



When you turn the button clamps will be active

4-) Adjust the cutting angles , you can select angle below the buttons



Adjust angle of fix head

When you turn the button machine will turn automatically angles with pneumatic system

Adjust angle of Moving head

When you turn the button machine will turn automatically angles with pneumatic system

5-) Drilling operation , press 2 hand at the same time then drilling operation will start when you remove the hands from buttons drilling units will go back





6-) Turn on the saw blade motors

For turn on the fix head motor start

For turn on the moving head motor start



7-) Press the 2 hand at the same time below the buttons, saw blades and saw blades cover follower will come front and cut the profile when operation done press the "STOP" button, motors will be turn off



When you press the cutting buttons, saw blade follower cover will come first then saw blades cut the profile



Machine standard control panel functions



1. Fix head angle
2. Saw blades motors stop button
3. Moving head angle
4. Cutting operation start buttons
5. Fix head saw blade motor turn on
6. Moving head saw blade motor turn on
7. Drilling operation start buttons
8.2 wooden door frame cutting for active all up clamps
9. Activate for up clamps
10. Horizontal clamps active

Control panel with position controller device

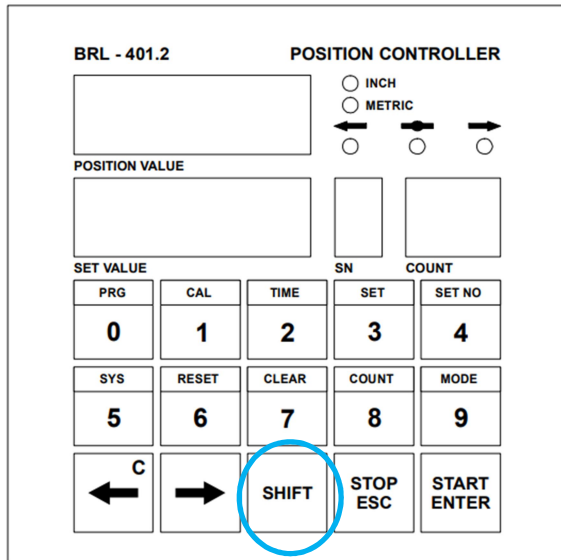


1.Cutting operation start buttons
2. Fix head saw blade motor turn on
3. Saw blades motors stop button
4. Moving head saw blade motor turn on
5. Horizontal clamps active
6.Moving head manual to control left side direction
7.Moving head manual control increase the speed
8. Moving head manual to control right side direction
9. Drilling operation start buttons
10. Activate for up clamps
11. Fix head angle
12. Moving head angle

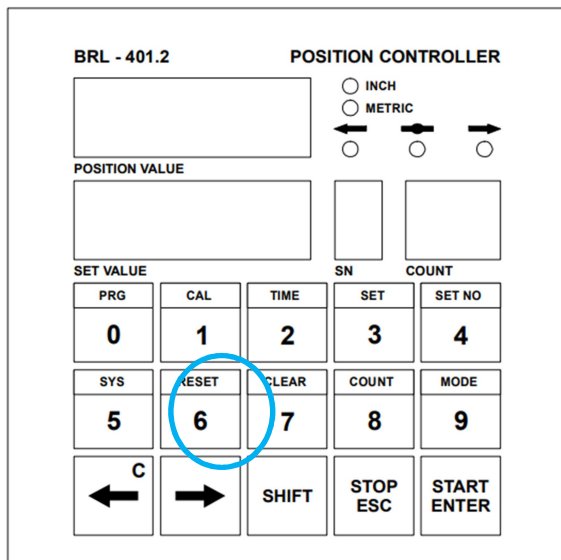
Position Controller Device

a. Calibration Settings

1-) Press the "SHIFT" button



2-) click "RESET" button



3-) Device will ask you password



4-) Enter the password with use numpad then click "START" button

PASSWORD : 7251

BRL - 401.2 **POSITION CONTROLLER**

INCH
 METRIC

← → →

POSITION VALUE

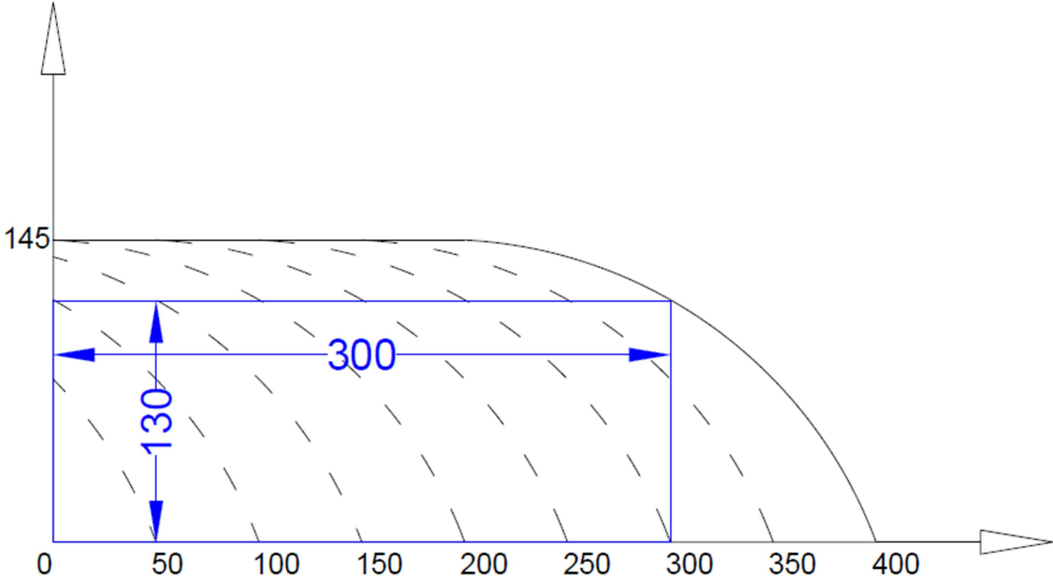
SET VALUE SN COUNT

PRG	CAL	TIME	SET	SET NO
0	1	2	3	4
SYS	RESET	CLEAR	COUNT	MODE
5	6	7	8	9
← C	→	SHIFT	STOP ESC	START ENTER

5-) Enter the actual value of the machine, then click the "START" button again

Saw Blade Cutting Diagram

WD 450
Ø450 mm / 90 °



WD 450

Ø450 mm / 45 °

