

# DIGIX

## -- INTEGRATED SAW SYSTEM --



DigiX is the integration of a saw and a length stop.  
The saw is the type "fixed 45° blades" (diameters 250 mm + 155mm) for bead cutting.  
The mechanical structure is specifically designed for the cutting of two glazing beads together with an innovative system that allows to cut any type of bead without dedicated counterblocks  
An exclusive bead guiding system for easier positioning, works together with a pneumatic glass simulator with 8 manually selectable presets and four pneumatic clamps to perform a fast and reliable working cycle.  
The length stop is made of aluminum structural profiles which integrate the carriage sliding system, the positioning of the fence is managed by the control unit and the measurement is verified with a magnetic measurement system.  
The mechanism allows optimal positioning speed and high precision.

### INTEGRATION

There are many advantages with a machine that integrates a miter saw and a length stop:

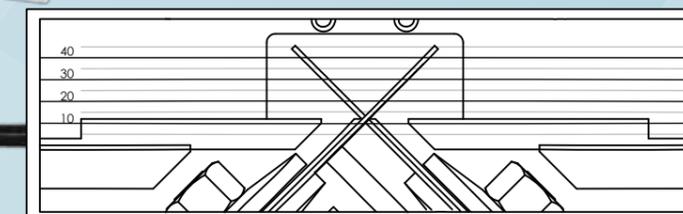
- Unique control system which manages all the functions of the "two" machines
- Easier to operate, a single screen with few buttons to control both units
- No need for interconnection between the two units, the control system knows both the position of the blade and the position of the fence.

### CONNECTIVITY

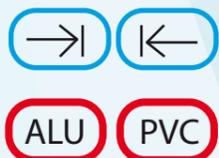
The new control unit of DigiX integrates an USB port, Ethernet port and a radio interface used for the reception of measures from DigiFAMILY devices.

It offers multiple solutions to compile / get the list of measures to be cut as:

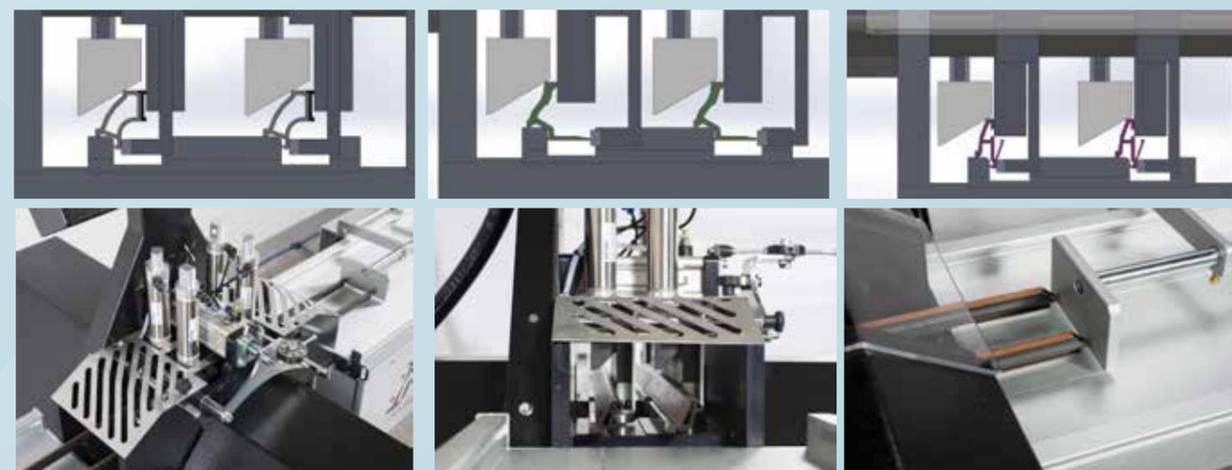
- Reception via radio of measurements from DigiBAR electronic caliper
- Reception via radio of measurements from DigiBARCODE bar code reader
- Reading from USB memory a cutting list
- Receive via Ethernet of cutting lists
- Receive via WI-FI of the cutting lists (optional)



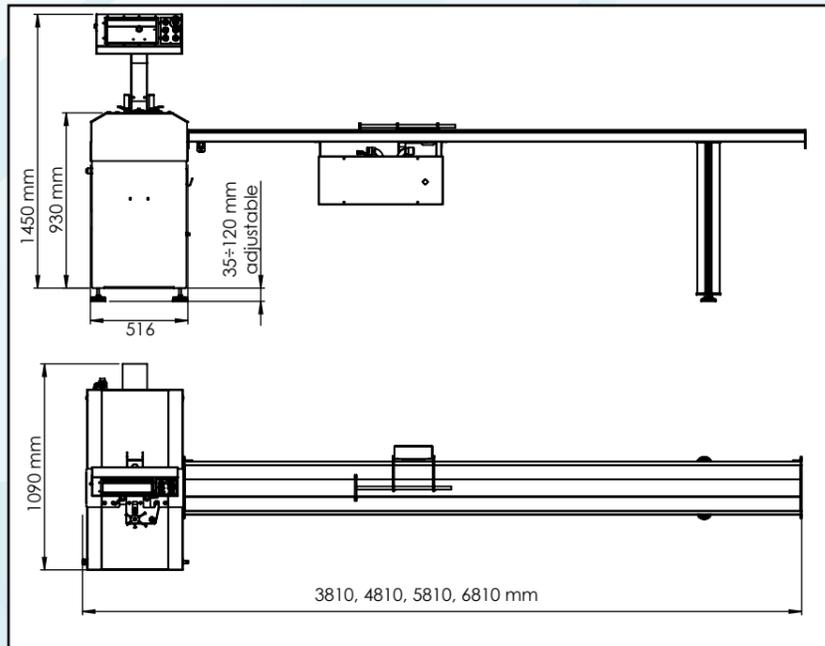
DigiX is configurable any time  
LH to RH or RH to LH



Images and data are indicative  
P.M.S. reserves the right to make changes at any  
time, without notice



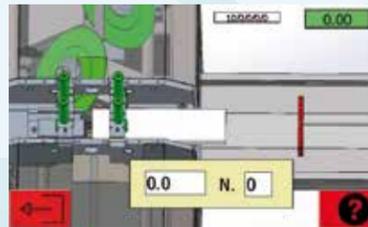
<b>Cutting Unit</b>	
Kind of cut	2 bars together Radial blades feeding
Cutting angles	blades fixed at 45 degrees
Blades	2 250 mm Carbide saw blades for 45° cut 2 155 mm Carbide saw blades for internal beveling
Blade Motors	2 triphase 0.75 kW motors
Cutting carriage feeding	Pneumatic feed, speed adjustment by external knob
Bars positioning	exclusive system that allows to cut any type of bead without dedicated counterblocks  exclusive bead guiding system for easier positioning, loading and unloading of the beads  pneumatic glass simulator with 8 presets manually selectable
Clamping	Two pneumatic clamps for each bead with PVC pressure pads
<b>Positioning Unit (Length stop)</b>	
Minimum piece measure	170 mm
Maximum piece measure	3170mm
Carriage movement	stepper Motor, Magnetic encoder feedback
Accuracy	+/- 0.1 mm
Positioning speed	50 m/min
<b>Electronic</b>	
Control unit	HMI 7" colour touch screen + plc cards
Radio Interfaces	Integrated
Usb for external Keyboard / mouse / usb flash drive	Integrated
Ethernet	integrated



Intuitive software with the use of icons and function keys



Execution of a manual measurement



Cutting list page where you can see every details / reference for every single line, you can edit, delete or jump to different line

459.8	3	ABCD E1234567890	90.0	90.0	0
2000.0	4	ABCD E1234567890	135.0	45.0	0
800.0	5	ABCD E1234567890	135.0	45.0	0
265.7	99	ABCD E1234567890	135.0	45.0	0

Contextual Help available in every page  
On screen trouble shooting with pictures, electric and pneumatic diagram for a quick restart of working cycle



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## --- EASY LIFE IN WORKSHOP ---



**DIGISTOP**  
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