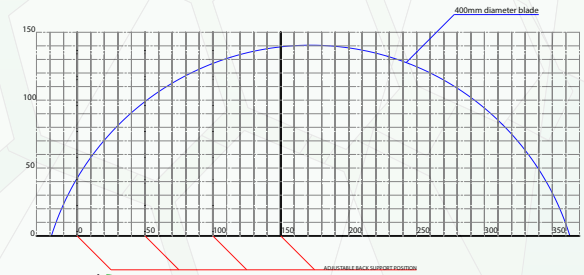


-- EASY LIFE IN WORKSHOP --



DigiSC can be configured at any time to be used left or right



DigiSC 4.0 is a system that integrates a miter saw and an electronic roller conveyor (Length Stop). The saw is an "U-Cut" type saw (blade diameter 400mm). The cutting angle is fixed at 90 ° The mechanical structure is specifically designed for cutting aluminum or PVC profiles. The cutting area can be configured by moving the back square in four different positions in order to modify the cutting diagram and easily work large sections. The bars clamp is ensured by two vertical and two horizontal pneumatic cylinders. The clamping / cutting area is fully protected by a pneumatically operated device with large transparent areas to ensure excellent visibility. DigiSC 4.0 is also equipped with a box into the machine chassis to collect cutting chips. The electronic Length Stop is made with sturdy aluminum profiles that integrate the carriage sliding system. The positioning of the stop is managed by the numerical control and the measurement is verified thanks to a magnetic band system with an error of ± 0.1 mm. This allows you to operate with exceptional precision combined with a high positioning speed.



CLOUD SERVICE FOR OUR MACHINES



WEB BASED MACHINES SUPERVISION

- Industrial PC 15" Touch screen WINDOWS 10 IoT
- Wi-Fi and Ethernet AS STANDARD
- DigiCLOUD Service for a continuous data saving
- Remote service simple and effective.
- The on-line contextual help informs the operator about the machine controls and, in case of failures, offers a troubleshooting service guiding the operator to solve the problem with photos and electrical pneumatic diagrams directly on the screen.

DigiSC 4.0 is controlled by a 15" Touch Screen Industrial PC connected to PLC cards. The Windows 10 IoT Industrial operating system combines the simplicity of the Windows environment with the stability of systems intended for production environments. The DigiBS 4.0 control unit integrates an advanced radio interface that is able to create and manage a robust radio network in the whole workshop. All the products of the **DigiFAMILY** are able to use this network to exchange information. Integration with the **DigiBAR 4.0** electronic gauge is the most common and easiest way to work with the DigiBS4.0: a cutting list is generated in real time on the screen during the measurement cycle. The new color touch screen contains all the information the operator needs during the work cycle, the colored areas clearly and immediately indicate the status of the machine.

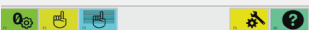
DigiSC 4.0 is a **CONNECTED MACHINE**. Configurations, workshop data, parameters and production data are constantly saved on the new **DigiCLOUD** platform. This service allows you to minimize restart times in the event of hardware and software problems.

The software allows you to:

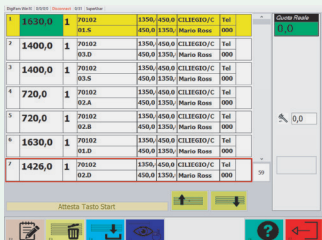
- Manual insertion of measurements from interface (semi-automatic)
 - Automatic removal of the stop after each cut to facilitate the removal of the piece.
 - Receive the cutting / clamping signal (optional) from the miter saw and display its status on the screen.
 - Radio reception of the measurements from the DigiBAR electronic gauge and creation of the cutting list.
 - Perform positioning cycles while receiving measurements
 - Loading of the cutting list via USB memory.
 - Reception from the Ethernet / Wi-Fi network of the cutting list.
 - Add, delete and edit any row at any time.
 - Skip from one line to another
 - Manage the Head cutting
 - Machine data recovery saving on DigiCLOUD platform
 - Consultation / export of production data / machine status (in compliance with Industry 4.0 protocols) *
- (* Requires activation and subscription)

Electronic	
Control unit (HMI)	Indust PC. 15" Touch Screen SSD Win 10 IoT
Radio Interfaces (DigiBAR commun.)	Integrated
USB for external input device / pen drive	Integrated
WI-FI	integrated
Ethernet	integrated

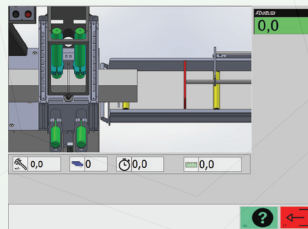
Intuitive software with use of icons and function keys



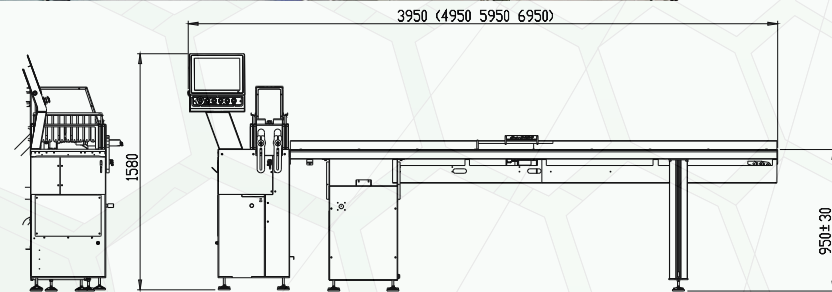
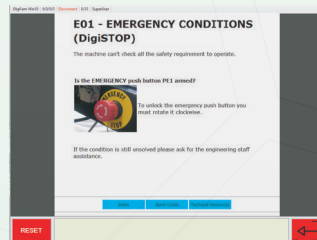
Execution of Cut Lists created with the DigiBAR gauge or received from Network / USB. For each line it is possible to view the order data, bar code, etc.



"Manual" execution of pieces



The contextual help integrates the Troubleshooting function



General Features	
Kind of cut	"up-cut saw"
Cutting angle	Fixed 90°
Blade diameter	Ø 400mm
Blade motor	Three-phase 1.3Kw 2800'
Blade feed	Oleo-pneumatic (ALU vers.) Pneumatic (PVC vers.)
Bars Positioning	Two Vertical Pneumatic Clamps Two Horizontal Pneumatic Clamps
Working Plane height	950mm +/- 30mm
Minimum and Maximum piece measure	140-3000-4000-5000-6000mm
Weight	305 kg
Power supply	Tree phases 400V 50/60Hz
Carriage Movement	Stepper motor, magnetic encoder feedback
Accuracy	±0,1 mm
Positioning speed	Up to a 50 m/'

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