

DigiSTOP

DigiSTOP is a technologically advanced electronic length stop out-feed side, connected to a miter saw allows precise positioning of aluminum, wood and PVC bars

The length stop is made of robust aluminum structural profiles with a stepper motor controlled integrated carriage positioning system, this positioning system is managed by the control unit and the measurement is verified with a magnetic measurement system with a very impressive accuracy of + or - 0.1mm (M Version). This allows the length stop to achieve optimal positioning speeds with high precision.

The stroke of the carriage is 3000/4000/5000/6000 mm.

The machine is " reversible " , by sliding the electrical panel from one side to the other of the structural profile and can be installed on the left or right side of the miter saw.

DigiSTOP is available in R version with rollers on the working plane

DigiSTOP "M" is the version with magnetic measurement system that allows a " closed loop positioning of the fence " and with the highest precision

CONTROL UNIT / CONNECTIVITY

The new control unit of DigiSTOP is composed by an advanced HMI, and a PLC. The colour touch screen gives to the operator all the needed information during the working cycle, coloured drawings areas on the screen are a very clear indication of the machine state.

A big work has been made, during the years, to improve the software and offer the easier and most complete command set to the operator during the execution of working cycle.

The most used way to work with DigiSTOP is with DigiBAR electronic bead measuring system.

The new DigiSTOP control unit integrates an advanced radio interface that is able to create and manage a strong radio net in the workshop. Every DigiFAMILY product will be able to use this net to exchange information.

Working with DigiSTOP and DigiBAR is really simple, a cutting list is real time generated on DigiSTOP's screen while measuring.

The powerful software allows to the operator to:

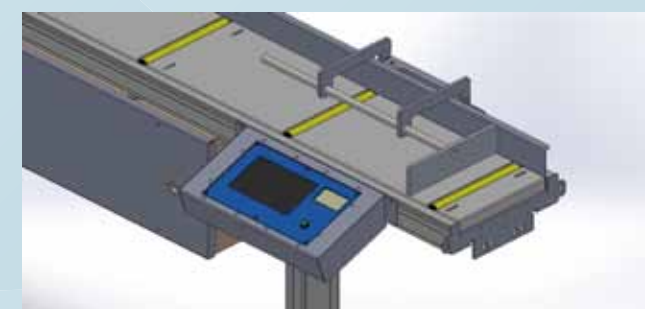
- Perform positioning cycles while receiving measures
- Add, delete and modify every line in every moment
- Jump to different lines
- Manage the head cut
- Receive cutting / clamping signal from the connected saw (option) and show the machine state on screen

The control unit offers multiple solutions to compile / get the list of measurements to be cut as:

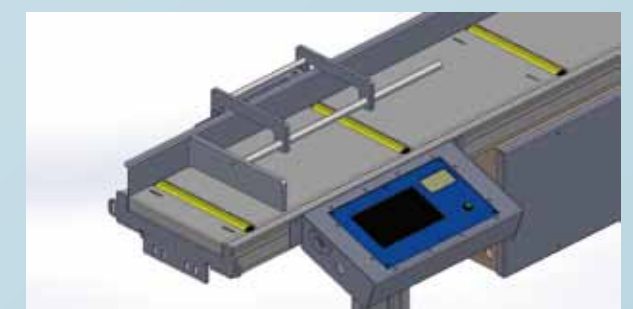
- Manual input of measurements
- Reception via radio of measurements from Digi-BAR electronic caliper
- Reception via radio of measurements from Digi-BARCODE bar code reader
- Reading from USB memory a cutting list
- Receive via Ethernet of cutting lists
- Receive via WI-FI of the cutting lists (optional)



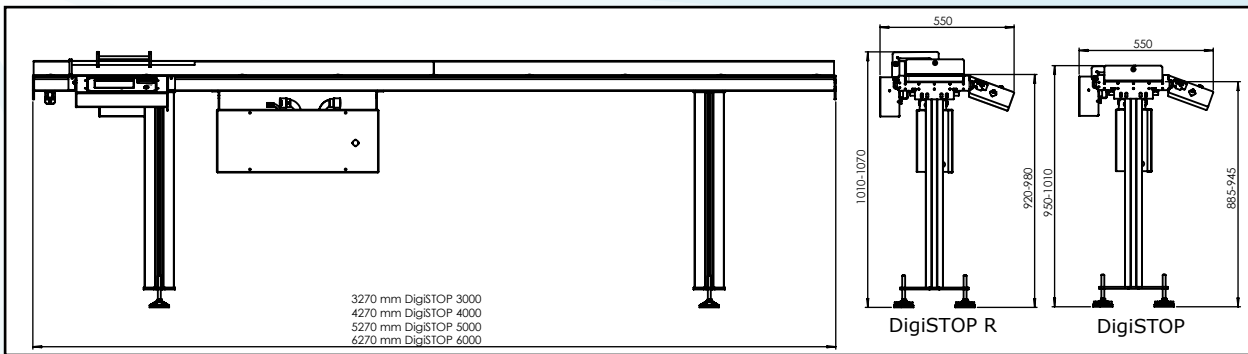
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DigiSTOP "R" Left



DigiSTOP "R" Right

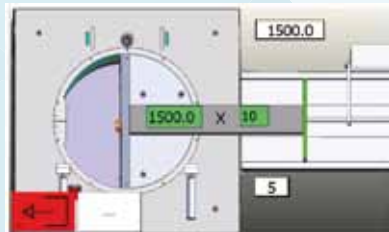


Maximum and minimum measure adjustable	0-3000/4000/5000/6000 mm
Weigth	85 Kg
Power supply	Single phase 230 V 50/60 Hz
Carriage movement	Stepper motor (magnetic encoder feedback on "M" version)
Electronic	
Control unit	HMI 7" colour touch screen + plc cards
Radio Interfaces	Integrated
Usb for external 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

1	459.8	3	ALCDE1234567890	90.0	90.0	0
2	2000.0	4	ALCDE1234567890	135.0	45.0	0
3	800.0	5	ALCDE1234567890	135.0	45.0	0
4	265.7	99	ALCDE1234567890	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



DIGISTOP .IT



--- EASY LIFE IN WORKSHOP ---