-- EASY LIFE IN WORKSHOP --

DIGISTOP.IT 4.0 IoT

-- EASY LIFE IN WORKSHOP --

ALU PVC

DigiSTOP can be configured at any time to be used on the right or left of the miter saw

DigiSTOP4.0 is a technologically advanced **ELECTRONIC LENGTH STOP** that allows precise positioning of aluminium, wood and PVC bars
The positioning of the fence is carried out by a stepper motor integrated in the carriage and is managed by an electronic control unit which allows a fast and accurate positioning.
Availables Length 3000 /4000 /5000 / 6000 mm

The machine is " reversible ", can be installed on the left or right side of the mitre 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

DIGICLOUD -- EASY LIFE IN WORKSHOP -- 4.0

CLOUD SERVICE FOR OUR MACHINES

4.0 IoT

DIGIINDUSTRY 4.0

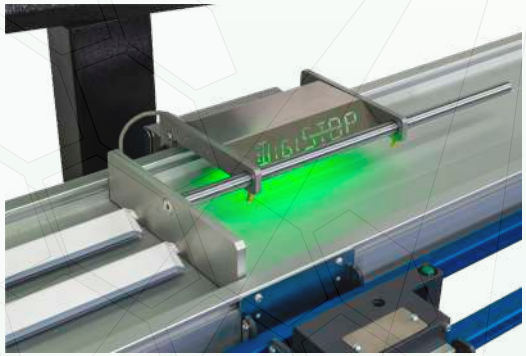
WEB BASED MACHINES SUPERVISION

- **Industrial PC 15" Touch screen** WINDOWS 10 IoT
- **Wi-Fi and Ethernet AS STANDARD**
- **DigiCLOUD** Service for a continuos data saving
- **Remote service** simplex and effictive.
- **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.

:: EASY LIFE IN WORKSHOP ::

DigiSTOP 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 DigiSTOP 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 family 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 DigiSTOP4.0 length stop: 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.

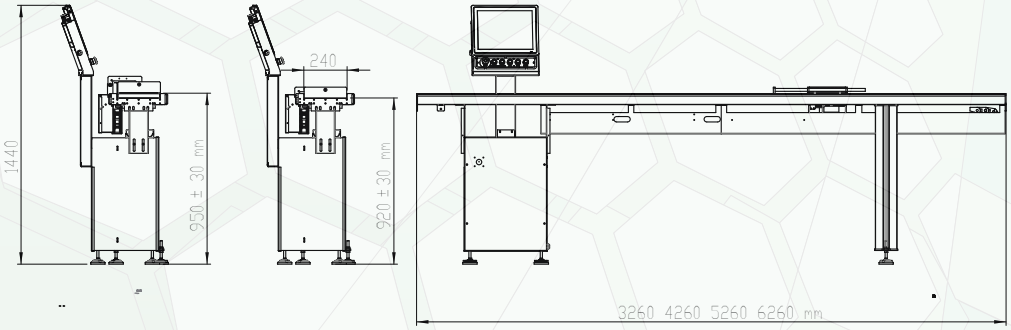
DigiSTOP 4.0 is a CONNECTED MACHINE. Configurations, workshop data, parameters and production data are constantly saved on the new DigiCLOUD platform. This service allows you to minimize restart times in the event of hardware and software problems.



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 (Automatic).
- 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)

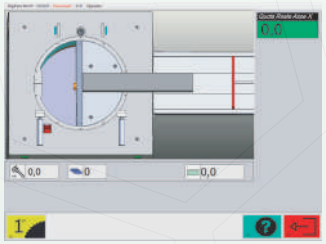
Electronic	
Control unit (HMI)	*Indust PC. 15" Touch Screen SSD Win 10 IoT*
Radio Interfaces (DigiBAR commun.)	*Integrated*
USB for external input device / pen drive	*Integrated*
WI-FI	integrated
Ethernet	integrated
Cut signal (from Saw)	*(opt)*
Clamp signal (from Saw)	*(opt)*



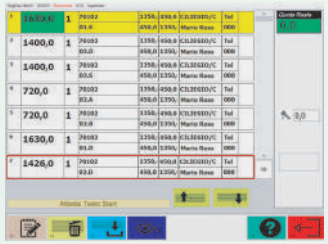
Configuration	*To the left or to the right of Mitre Saw*
Working plane height	*920mm +/-30mm(950mm+/- 30m "R")*
Maximum and minimum measure adjustable	*0-3000/4000/5000/6000 mm*
Weight	*105 Kg* *121 Kg3000 mm "R"*
Power supply	*Single phase 230 V 50/60 Hz*
Carriage movement	*Stepper motor* *(magnetic encoder feedback on "M" version)*
Carriage speed	*50 mt/min*
Accuracy	*+/- 0.3mm* *+/- 0.1mm M Version*

Intuitive software with use of icons and function keys

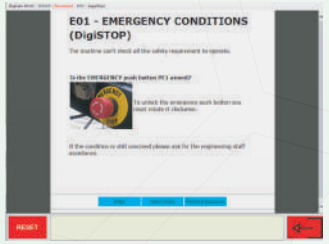
"Manual" execution of pieces



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.



The contextual help integrates the Troubleshooting function



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:: EASY LIFE IN WORKSHOP ::

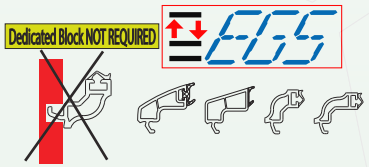
Glass Beading Saw with variable cutting angle (single bar) integrated with electronic Length Stop

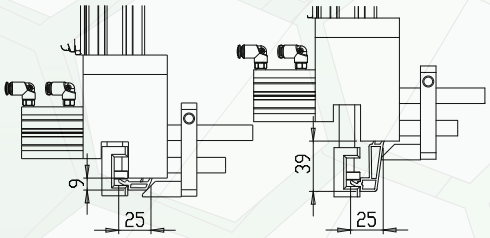
DIGIBS 4.0 IoT

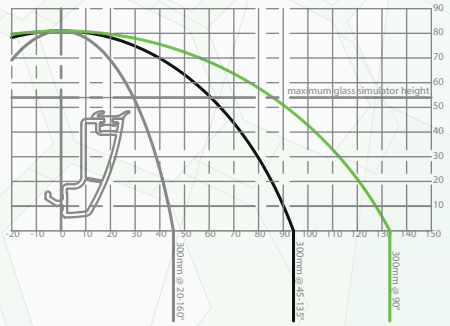
-- INTEGRATED SAW SYSTEM --

PVC

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







DigiBS 4.0 is a system that integrates a **Bead Saw** and an electronic **Length Stop**.
The saw is an "up-cut" type (blade diameter 300mm), the positioning of the rotary table (cutting angle) is managed by the numerical control and varies between 20 ° and 160 °.
The **DigiBS4.0** is specifically designed for cutting glazing beads and for this reason the DigiBS4.0 includes a quick-adjusting device for the blocks. This innovative system allows you to work a wide varied range of beads **without the additional need for profile specific bead blocks**, the design of the machine also allows you to make the 'arrow cut' (typical of PVC glazing beads) by making the two cuts required in one programmed operating sequence.
The type of cut allows a very rapid cycle thanks to the reduced stroke of the blade.
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.

DIGICLOUD -- EASY LIFE IN WORKSHOP -- 4.0

CLOUD SERVICE FOR OUR MACHINES

4.0 IoT

DIGIINDUSTRY 4.0

WEB BASED MACHINES SUPERVISION

- **Industrial PC 15" Touch screen** WINDOWS 10 IoT
- **Wi-Fi and Ethernet AS STANDARD**
- **DigiCLOUD** Service for a continuos data saving
- **Remote service** simplex and effictive.
- **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.

:: EASY LIFE IN WORKSHOP ::

DigiBS 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.

DigiBS 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.

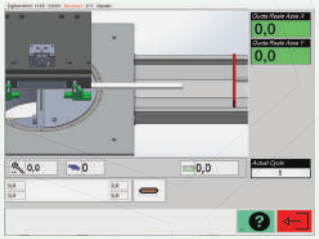
The software allows you to:
- Manual insertion of measurements from interface (semi-automatic)
- Automatic removal of the stop after each cut to facilitate the removal of the piece.
- Receive the cutting / clamping signal (optional) from the miter saw and display its status on the screen.
- Radio reception 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

"Manual" execution of pieces



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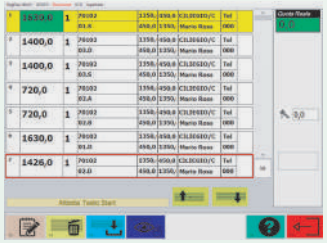

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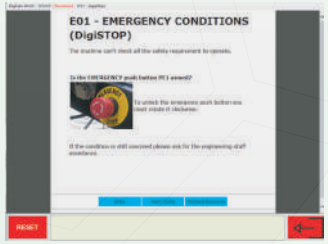

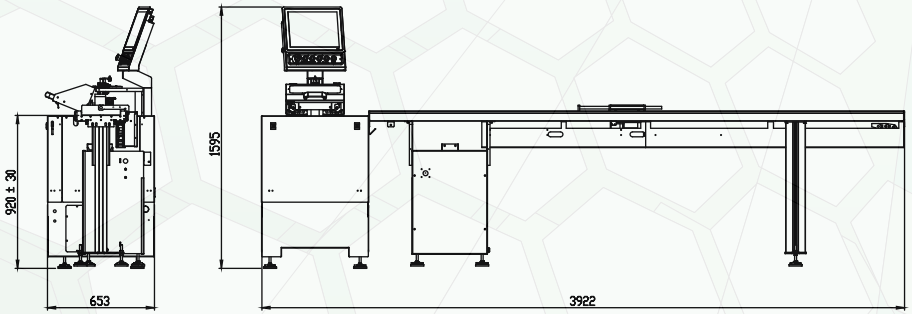

General Features	
Kind of cut	*Single Bar Up cut saw*
Cutting angles	*CNC controlled "arrow cut" from 20 to 160 degrees*
Blades	*D 300 mm*
Blade Motors	*Tree-phases 0.75 kW 2800 rpm*
Cutting feeding	*Pneumatic feed, speed adjustment by external knob*
Bars positioning	*Exclusive system that allows to cut any type of bead without dedicated counter blocks Pneumatic glass simulator with 12 presets manually selectable or Electronic Glass Simulator for an "infinite" number of profiles*
Working plane height	*920mm +/-30mm*
Minimum and maximum piece measure	*180 -3180 mm*
Weight	*300 Kg*
Power Supply	*Tree phases 400V 50/60Hz*
Carriage movement	*Stepper Motor, Magnetic encoder feedback*
Accuracy	*±0,1 mm*
Positioning speed	*50 m/min*

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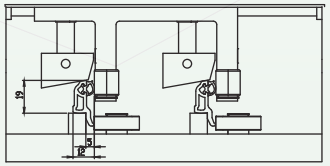
-- EASY LIFE IN WORKSHOP --

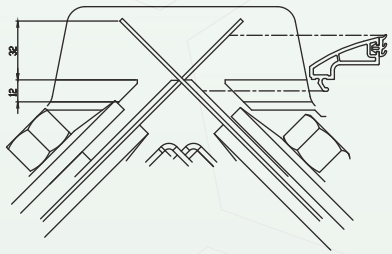
Bead Saw 2 x45° (double bar) integrated with an electronic length stop

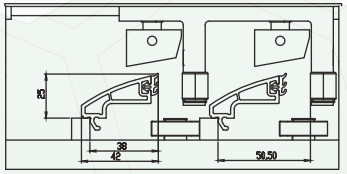
DIGIX 4.0 IoT
-- INTEGRATED SAW SYSTEM --

PVC

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







DigiX is the integration of a **Bead Saw** and an electronic **Length Stop**.
The cutting unit is the type with fixed X-shaped blades at 45 °.
The mechanical structure is expressly designed for cutting two glazing beads simultaneously with an innovative system that allows the cutting of a**ny type of glazing bead without the need for dedicated counter blocks**.
An exclusive guide and support system for the glazing bead facilitates its loading while its correct positioning and clamping is delegated to the glass simulator with pneumatic piston and 12 manually selectable settings and to the four pneumatic locks, so as to obtain a rapid work cycle.
The **EGS Electronic Glass Simulator** is available as an option, which allows you to set an "infinite"number of glazing beads
The electronic Length Stop is made with sturdy aluminium 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 for exceptional precision combined with a high positioning speed

DIGICLOUD -- EASY LIFE IN WORKSHOP -- 4.0
CLOUD SERVICE FOR OUR MACHINES

4.0 IoT

DIGIINDUSTRY 4.0
WEB BASED MACHINES SUPERVISION

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:: EASY LIFE IN WORKSHOP ::

DigiX 4.0 is controlled by a 15" Touch Screen Industrial PC connected to PLC cards.
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The DigiX 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 DigiX4.0: 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.

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The software allows you to:
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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*
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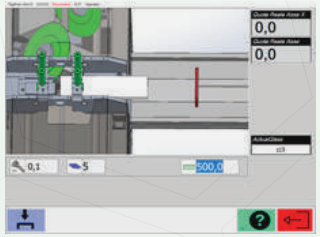
Ethernet	integrated

Intuitive software with use of icons and function keys

"Manual" execution of pieces



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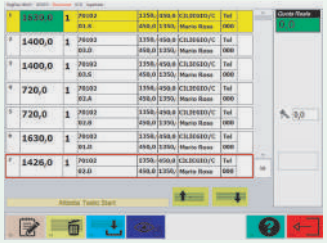

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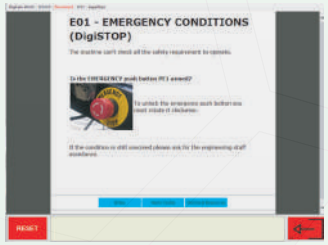
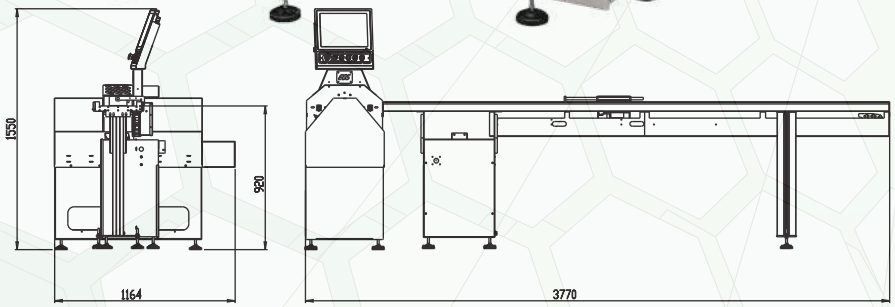


DigiX 4.0 IoT
-- INTEGRATED SAW SYSTEM --



General Features	
Kind of cut	*2 bars together* *Radial blades feeding*
Cutting angles	*blades fixed at 45 degrees*
Blades	*2 x D 250 mm +2 X D 155 mm*
Blade Motors	*2 Tree-phases 0.75 kW 2800 rpm*
Cutting carriage feeding	*Pneumatic feed, speed adjustment by external knob*
Bars positioning	*Exclusive system that allows to cut any type of bead without dedicated counter blocks* *Pneumatic glass simulator with 12 presets manually selectable or Electronic Glass Simulator for an "infinite" number of profiles*
Working plane height	*920mm +/-30mm*
Minimum and maximum piece measure	*180 -3180 mm*
Weight	*320 Kg*
Power Supply	*Tree phases 400V 50/60Hz*
Carriage movement	*Stepper Motor, Magnetic encoder feedback*
Accuracy	*±0,1 mm*
Positioning speed	*50 m/min*

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-- Easy Life in Workshop --

DigiBAR 4.0 IoT

Wireless Electronic Gauge (for glass beading)

SPECIAL FEATURE FOR OUT OF SQUARE

The DigiBAR can be used also in the production of windows out of square. With a special set of blocks designed to be inserted in the vertex of the window with every angle it's easy to find the real lenght of the bead needed.
The blocks are able to rotate to let the operator take the measure in the easiest way.

DigiBAR4.0 is an Electronic Measuring Instrument designed and produced to take measurements of glazing beads. It is made with an aluminum profile on which slides a plastic cursor containing the electronics and batteries.

DigiBAR4.0 can take measurements from **140mm to 1600mm** with the accuracy of 0.1mm and by installing the extension bar can measure up to **3000mm**

The electronic control unit is equipped with an absolute magnetic measuring system (no need zero setting), an advanced radio interface and internal memory, measurements can be stored on board or sent to the electronic Length Stop **DigiSTOP4.0** or to any other **DigiFAMILY** device

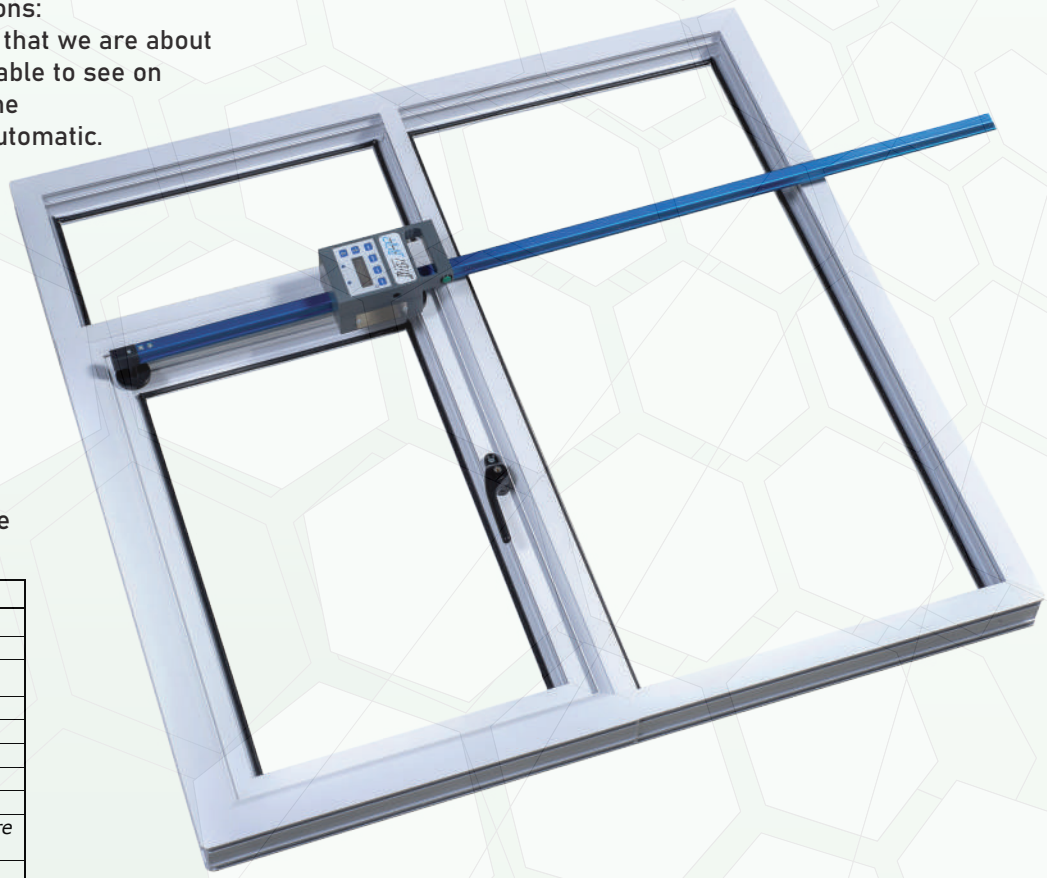
The battery lasts up to at least 8/9 consecutive hours, to recharge **DigiBAR4.0** simply insert it into the **DigiCHARGER** docking station (option) or connect the appropriate power supply to the cursor without removing the batteries

The **4.0** version is the last evolution, we have now introduced new software functions:

-- **Profiles Archive** - now it is possible to set on **DigiBAR4.0** the code of the profile that we are about to measure in such a way as to transmit it to the machine, the operator will be able to see on the screen the code of the bead to be cut and, if the machine is equipped with the EGS system the machine Set UP (to hold the profile in position) is completely automatic.

-- **Cut cycles Archive**- We have introduced the cutting cycles archive, the operator of the DigiBAR4.0 will be able to set the cutting cycle necessary for the bead that must be measured. Together with the detected measure, the caliber will also transmit the cutting cycle code, in the event that the machine is the DigiBS, this will automatically set the cutting cycle (45=45 or 90=90 etc ...)

-- **Saving the data on the machine PC**- The new DigiBAR 4.0 software offers the possibility to send and receive all the data saved on it to the connected machine. This function has been designed to minimize inconvenience in case of replacement of hardware or data loss on the DigiBAR4.0, if the replacement of it is necessary or if you want to introduce a new DigiBAR4.0 in the same production line, it will be sufficient to send all the archives saved on the machine to the caliber itself to make it operational in a few minutes



SPECIFICATIONS	
Minimum measure	*140 mm*
Maximum measure (without extension)	*1600 mm*
Maximum measure (with extension)	*3000 mm*
Weight	*2190 gr*
Power supply	*4 AAA rechargeable batteries*
Measuring system	*Absolute magnetic (no zero setting needed)*
Display	*2 lines, 16 characters LCD*
Keyboard	*Industrial protected 6 keys*
Indications	*2 LED (green for power on and charging , orange for measure in memory)*
Aerial	*Internal integrated*
Handle	*Integrated handle with double industrial button to send sizes*
SOFTWARE FEATURES	
Real time radio transmission to any DigiFAMILY device	
DigiBAR4.0 is able to store up to 100 measure when is out of radio range	
You can use 30 different correction values (for cutting beads at 90° or overlap)	
You can use 30 different alphanumeric reference to be associated to measurement	
Up to 30 alphanumeric profiles codes the (with automatic link to cutting cycle reference and correction)	
Up to 30 cutting cycles to be associated to the measures	
You can set a proportional correction factor as a function of the measured reading.	
The software handles 3 different extension bars. (as a standard we supply one extension bar)	
SLEEP function to save batteries and a quick return to work	

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