

NEW AUTOMATIC CARIF 260 AUTO 4.0

The idea:

- Re-engineer the previous model 260 BA CNC produced for over 20 years.
- Design a compact and versatile machine, adding the Automatic feed on a Semi_automatich 260BSA



NEW AUTOMATIC CARIF 260 AUTO 4.0

- Carif 260 AUTO is the most compact universal automatic bandsaw, with less than 1.5m² footprint.
- The 260 AUTO is the perfect solution for any workshop/welding shop, handling a wide variety of jobs—from small quantities to larger production batches
- Double miter +60°, -45°. In automatic mode +45°/-45°
- Designed to minimize setup time and be easy to operate, quick to switch between semi-automatic and automatic cutting mode.
- Heavy duty construction cutting solid up to 220mm diameter.
- Hydraulic cycle with feed and cutting pressure + electronic step motor with screw.
- Import/export Cutting programs through USB or LAN cable connection to the company network. Software 4.0 integrated
- Competitive price for an outstanding and high robust construction

CUTTING CAPACITY

								 L x H			
90°	-45°	+45°	[*]+60°	+90°	-45°	+45°	[*]+60°	+90°▲	-45°	+45°	[*]+60°
220	130	150	90	205	100	150	80	260 x 150	120 x 100	150 x 150	90 x 60

NOTE: The maximum dimensions indicated can decrease for automatic cutting cycle , moving long and non-linear bars.

* MITER CUT +60° ONLY IN SEMI_AUTOMATIC MODE



Example of cutting typical jobs:

https://drive.google.com/file/d/1cHlQWk_YpaUuJe4hXAsaQ128YwxNAc3j/view?usp=drive_link

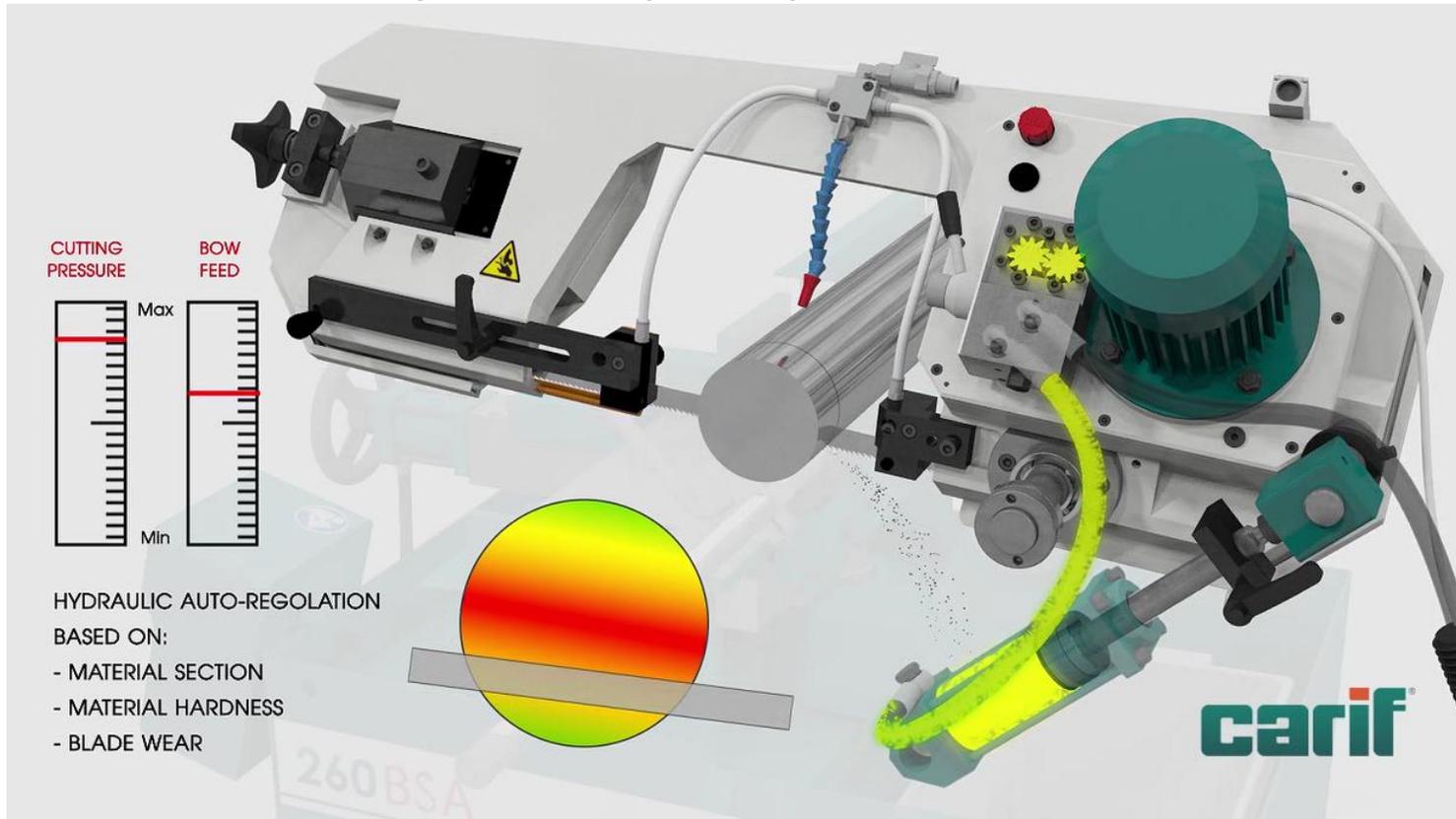
- The 260 AUTO is mainly addressed to customers that cuts smaller parts in automatic mode.
- Typical customer can be a welding/mechanical shop that cut different profiles/solid up to 100-150mm
- Customer that cut lots in semi-automatic and miter, However, they also need automatic.
- Customer with a limited budget , so they do not need the 320 or 450 machine, however few times they cut large batches.

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SAME CONCEPT TO THE 260BSA:

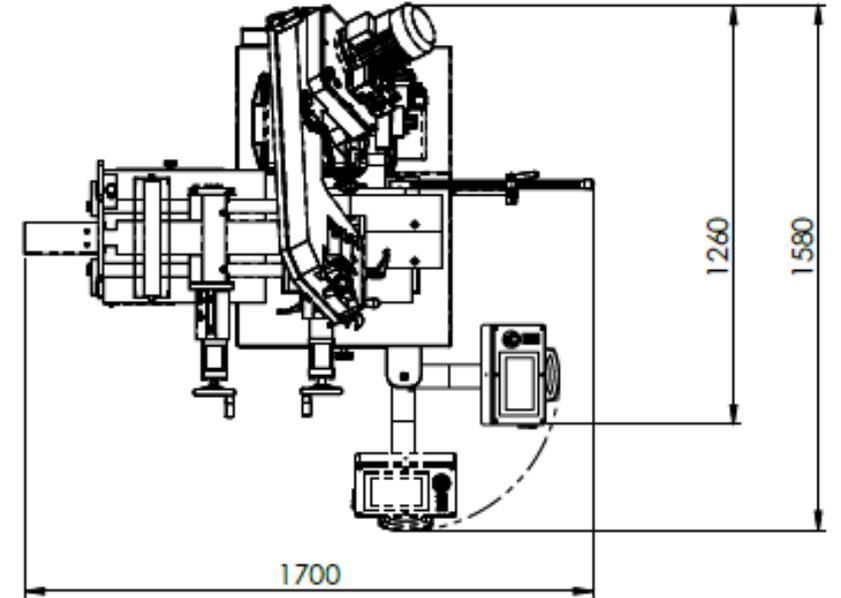
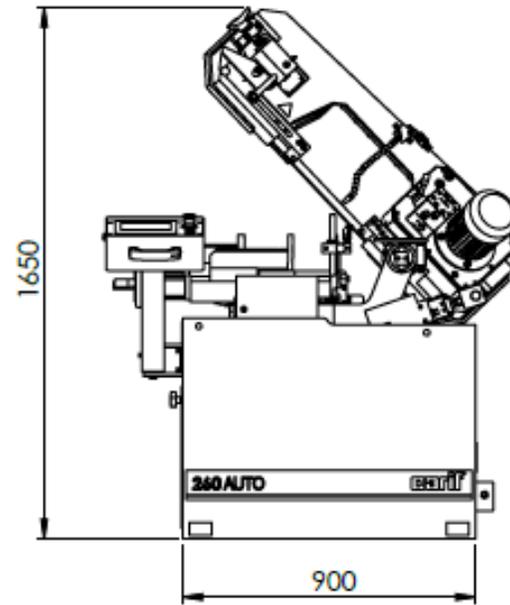
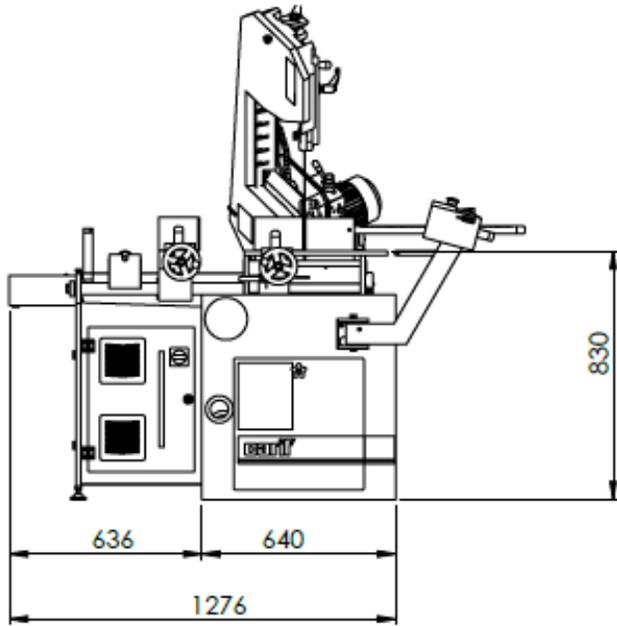
- *THE FRAME WITH THE SAME BLADE LENGTH (mm 2450x27x0,9)*
- *PATENTED GEAR PUMP with REGULATION of CUTTING FEED and PRESSURE*
- *SEMI-AUTOMATIC CUTTING CYCLE (vice close the material with pressure, arm descends for cutting, vice open after the cut and the arm return to the start position)*

click on the image below for hydraulic patented feed video :



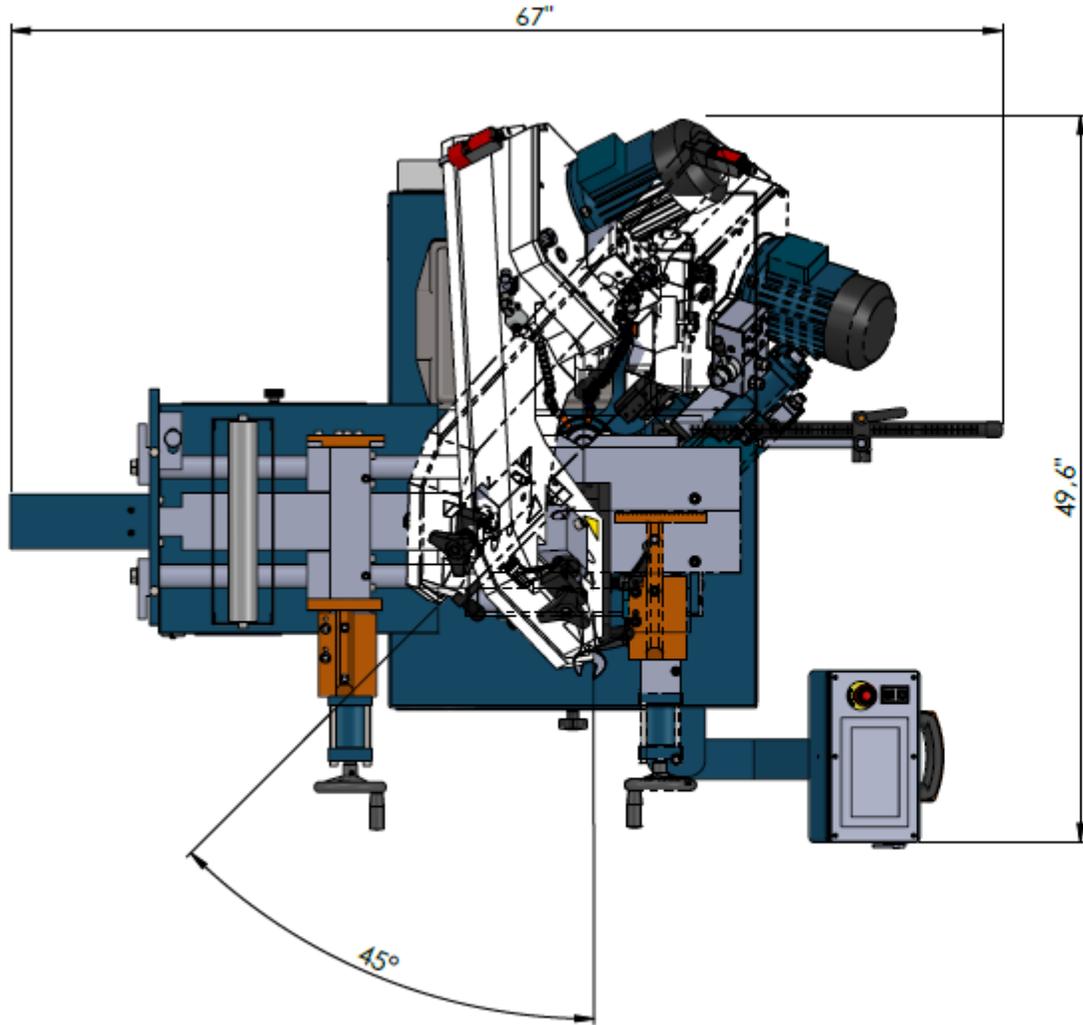
260 AUTO 4.0 MAIN FEATURES

- Compact footprint , mm 1276 x 1260
- Studied to fit on compact pallet cm 120x115 allowing multiple units to be positioned side by side on container/truck

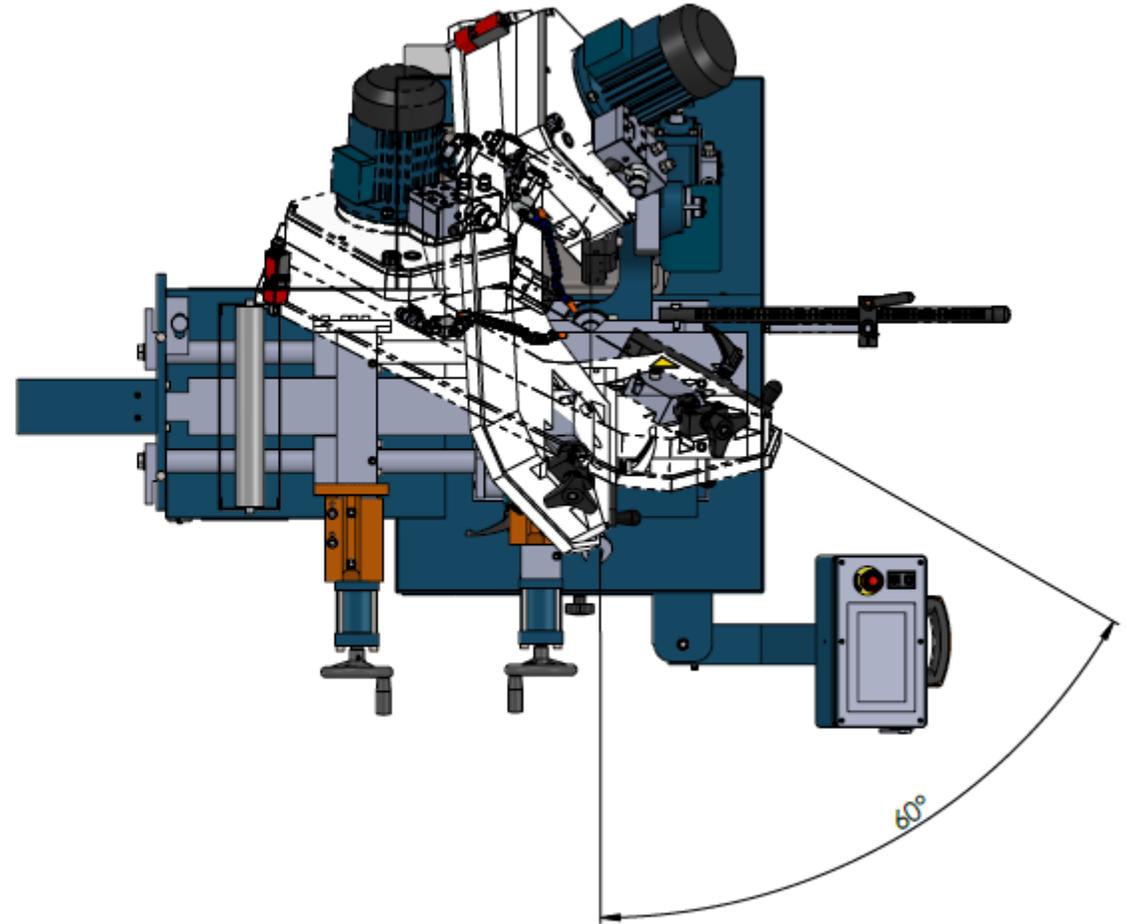


260 AUTO 4.0 MAIN FEATURES

- Double miter +45°/-45° in Semi_automatic and Automatic mode , +60° Semi_automatic mode.



NEGATIVE CUT ANGLE RANGE



POSITIVE CUT ANGLE RANGE

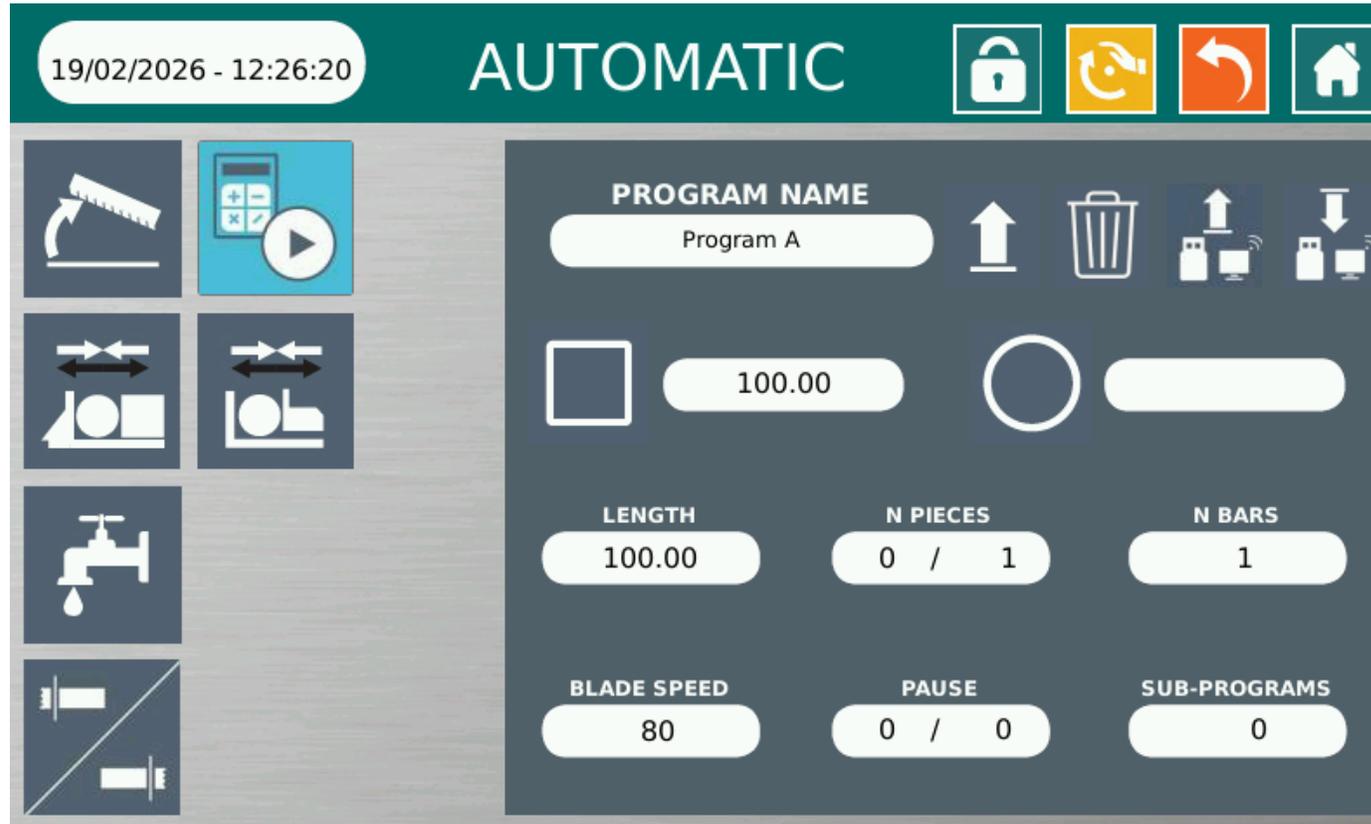
260 AUTO 4.0 MAIN FEATURES

- The movement of the feeder carriage on a stepper motor screw ensures maximum precision.
- Carriage Stroke 320mm, Multiple indexing.
- Automatic length calculation based on the number of pieces multiplied by the remaining travel.
- The positioning is done while the machine is cutting.



260 AUTO 4.0 MAIN FEATURES

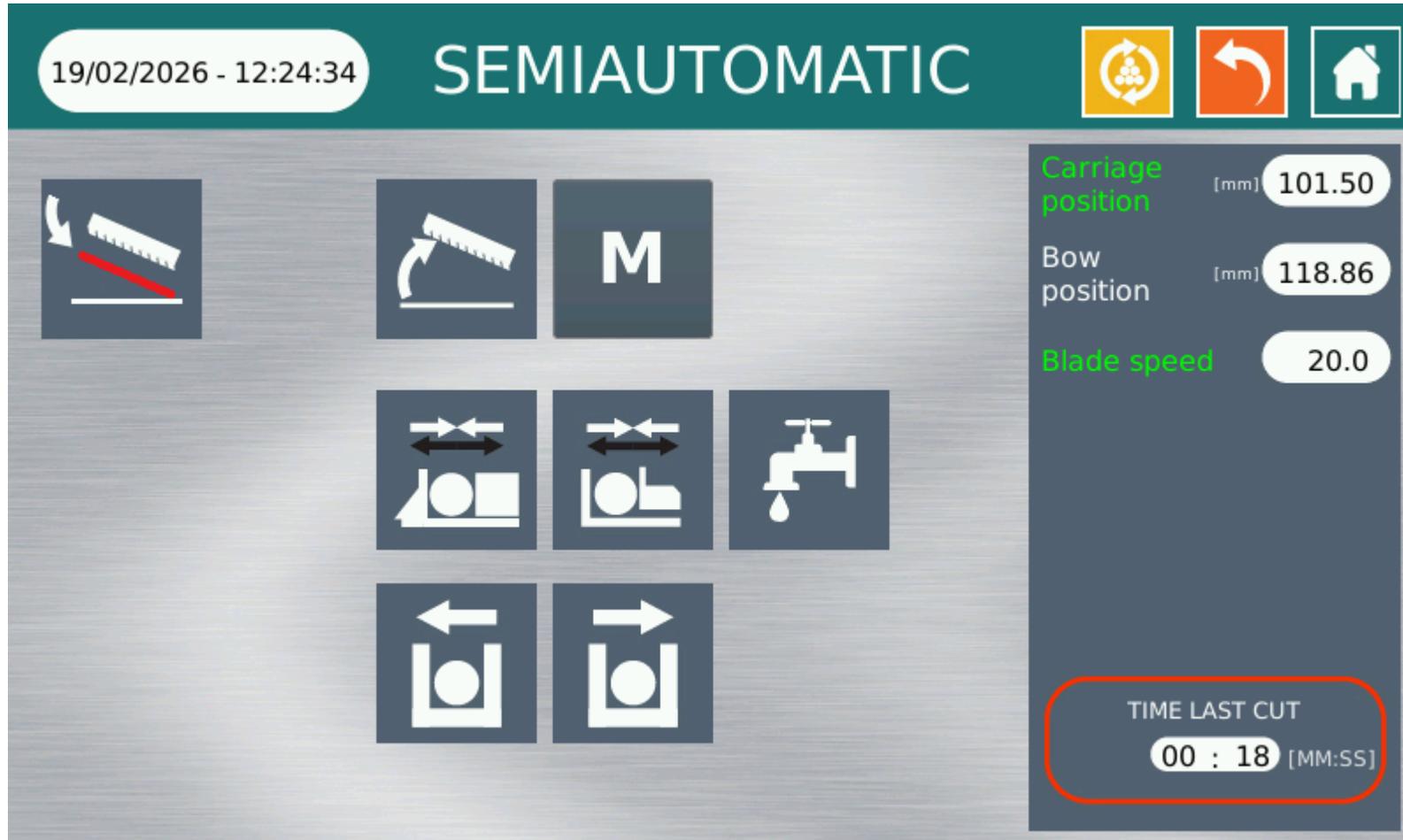
- User friendly software. Quick to pass from Semi-Automatic to Automatic mode
- Automatic storage of an unlimited number of programs, identified by part name or part code
- Automatic saving the program whenever the length, n. of pieces, or dimensions are changed
- Program pause
- Subprogram function (ex: 10 pieces 60mm length, 3 pieces of 100mm length., etc..) up to 10 programs on the same bar



260 AUTO 4.0 MAIN FEATURES

- Automatic memorization of the saw head, start cutting position, Through potentiometer.
- Button to change end cutting point

Link video click on the image below:



260 AUTO 4.0 MAIN FEATURES

- Sensor for monitoring blade rotation. In case the blade breaks or slips the machine stops after few seconds



260 AUTO 4.0 MAIN FEATURES

- Electronic Speed Variator inside the electronic cabinet ; Blade speed range 15 : 100 m/min; 1.5Kw motor 400V-50Hz



260 AUTO 4.0 MAIN FEATURES

- Swing Arm with 7" display, Start/Stop, Emergency
- USB port for updates and programs saving/transfer
- Ethernet port to connect the machine to the company server (Industry 4.0)



260 AUTO 4.0 MAIN FETURES

- Software Carif Touch 4.0 to monitor machine from remote control.



[Link Video of Carif touch monitor](#)

carif® *Touch 4.0* 

260 AUTO 4.0 MAIN FEATURES

- INCLUDED Junction box for quick installation



- INCLUDED 20" measuring hard stop for semi-automatic mode



260 AUTO 4.0 MAIN FEATURES

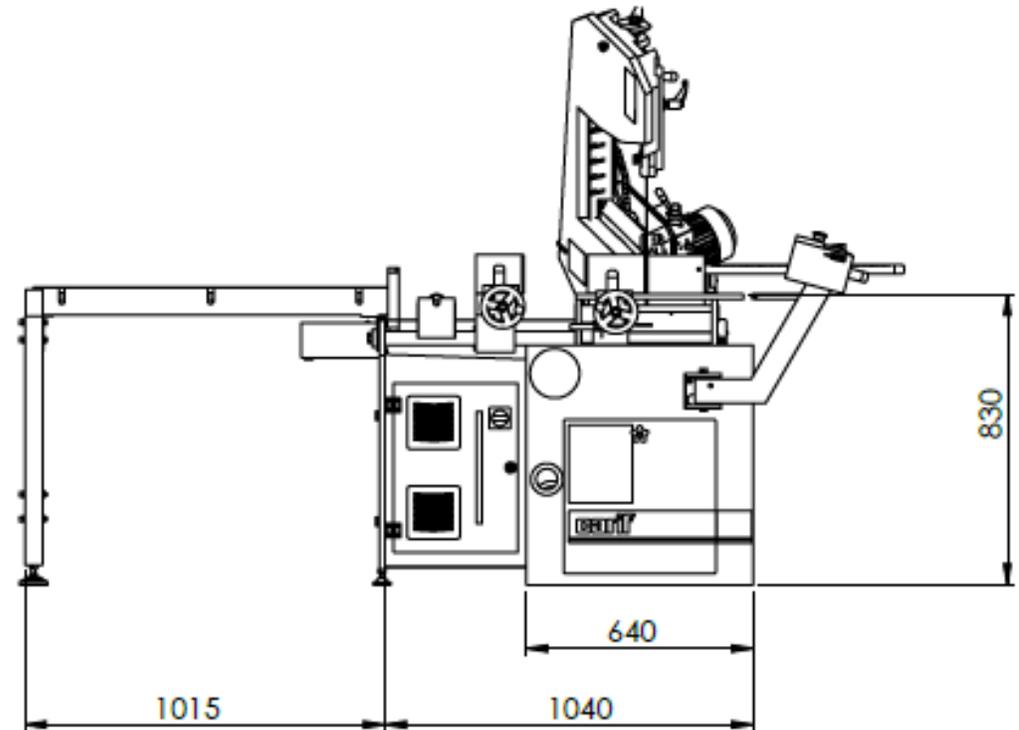
In the front side of the machine is installed a safety mat which activates when cutting in Automatic mode. The mat allows to keep the area free to work for the operator , while ensuring the safety standards.
The back side is a fixed barrier with safety micro-switch (like the 320 and 450 Automatic models)



OPTIONAL & ROLLER TABLES

Input roller table 1 meter
(code 1139) not included in
the price.

In case of ordering the table
will be inside the machine
pallet in a specific box.



OPTIONAL & ROLLER TABLES

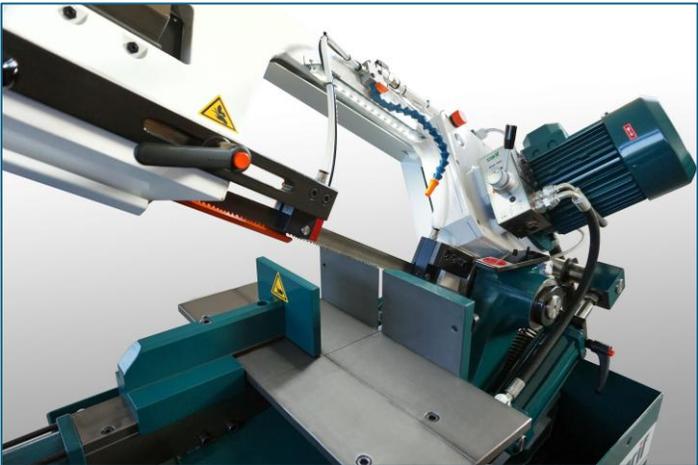
1. Mist Lubrication system



2. Laser Line



3. LED working light



4. Chute for cut pieces

