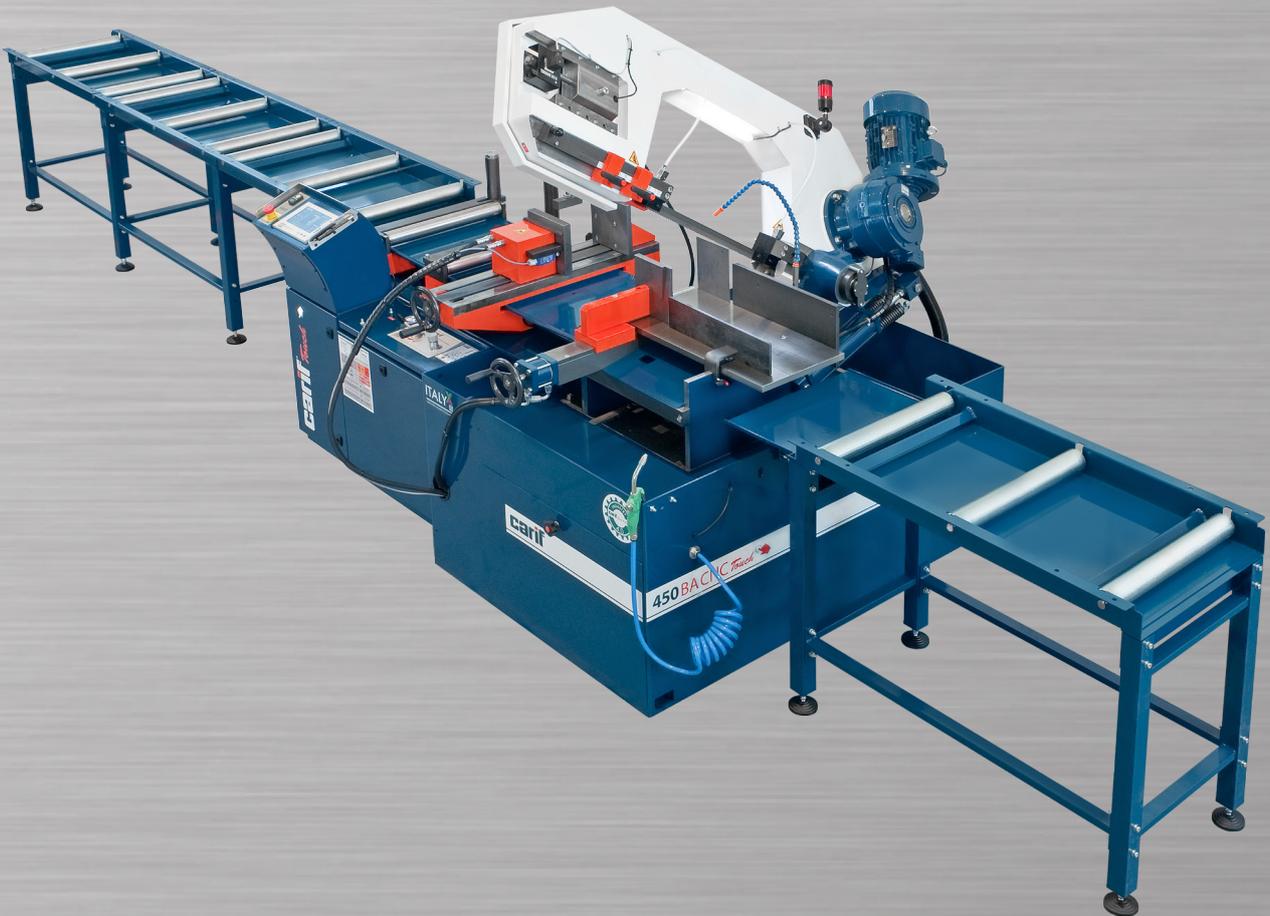


# carif<sup>®</sup>

SAWING MACHINES

## Hydraulic Bandsaws

Semi-automatic & Automatic Series



RELIABLE SAWS, RELIABLE PEOPLE  
*made in Italy , made in Carif .. Since 1948*

ITALY   
CERTIFIED ITALIAN EXCELLENCE

## Company

CARIF was founded in 1948. Today, at the third family generation, is a modern and dynamic company driven by innovation and design excellence, exporting over 90% of its production worldwide.

Carif is specialized in the production of medium size bandsaws, completely Hydraulic, in Semiautomatic (BSA) and Automatic (BA/ CNC) version.

Our strengths are the internal production that allows us to be flexible controlling the quality, and the efficiency in quickly satisfying the requests, by providing an accurate service and fast deliveries.



Scan the QR to watch our Video



## 100% Made in Italy, 100% Made in Carif



**Iron Foundry**



**Laser Cutting**



**Welding**



**CNC Machining**



**Painting**



**Assembly**



**Packaging**



**Shipment**

## The reasons to choose CARIF



**INTERNAL PRODUCTION**

*Complete quality control and flexibility*



**CUSTOMER SERVICES**

*Fast, Efficient, Direct, Free*



**FAST DELIVERY**

*Within 24 hours from order time*

CARIF is specialized in a medium range machines size. CARIF bandsaws are completely hydraulic in Semi-automatic (BSA and BSA VAR-E) and Automatic (BA CNC and BA CNC TOUCH) version. The acronym CARIF 260, 320, 450 and 550 identify our models, where the numbers represent the maximum cutting range in mm.

### HYDRAULIC SEMI-AUTOMATIC BANDSAWS



260 BSA



260 BSA VAR-E



320 BSA



320 BSA VAR-E



550 BSA



550 BSA VAR-E

### FULLY AUTOMATIC CNC BANDSAWS



260 AUTO 4.0



320 BA TOUCH 4.0



450 BA TOUCH 4.0

*Touch 4.0*   
INDUSTRY 4.0



Carif Touch Software - Industry 4.0

Carif Patented Hydraulic system  
for a smooth regulation of  
**bow feed and cutting pressure**

Wide Plans for piece support for a comfortable and practical cutting area

Hydraulic vice movable left/right

Electrical cabinet easy to move for the best ergonomics

Coolant equipment of 50 lt. tank + coolant-pump inside with stainless steel holder.



Two-speed blade motor (BSA) or speed moto-variator (BSA VAR-E).

Measuring Hard stop L=500mm

Large chips container + tank for easy cleaning

Double miter -45°/+60°; Smooth head rotation through conical bearings

Heavy-duty welded steel base, powder-coated with a glossy finish

Scan QR Code to view product video



**CARIF HYDRAULIC SYSTEM ADVANTAGES:**

All CARIF models 260/320/550 are completely Hydraulic: closure of the vice, bow feed and pressure. The Carif hydraulic patented system has been designed with 2 commands: BOW FEED and CUTTING PRESSURE. Thanks to this system the blade regularly descends, with a constant auto-regulation for every material type, section and thickness.

**+ Increased productivity**

no operator during cutting cycle, Ø stops.

**+ Always straight cut**

auto-regulation of blade-stress based on material hardness and section.

**+ Longer blade life**

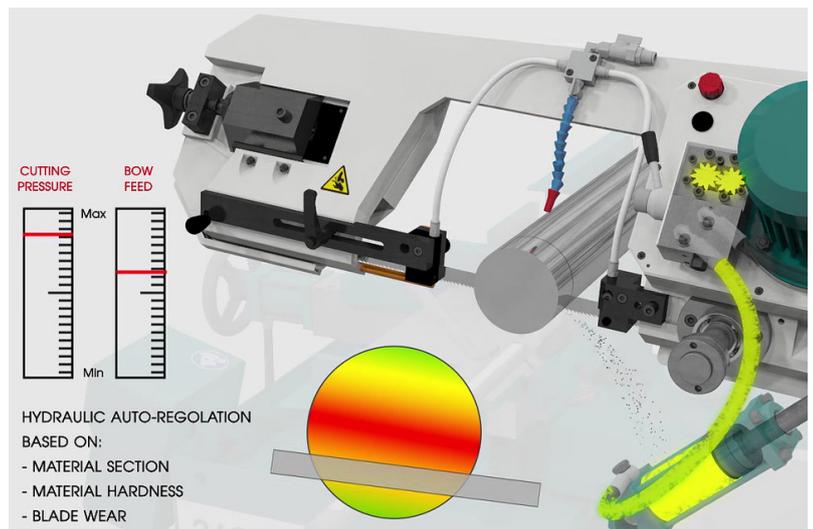
slows down the bow descent without straining the blade when worn out.

**+ Easy to use**

Practical, simple and ergonomic operations.

**+ Fast cutting operations**

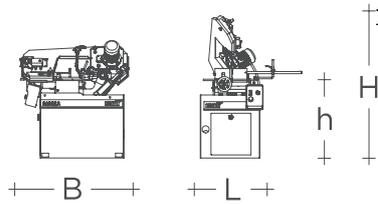
Fully hydraulic cycle. More efficiency.



260 BSA | 260 BSA VAR-E



The most compact semi-automatic hydraulic double miter saw. Studied to minimize downtimes with easy and practical operations. Equipped with 2-speed motor 1,4Kw (BSA) or electronic speed variator 2,2Kw (VAR-E)

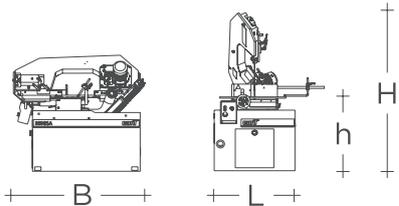


	90°	-45°	+45°	+60°	
	220	130	150	90	
	220*/205	100	150	80	
	260 x 150	120 x 100	150 x 150	90 x 60	
	BSA: 1,4 kW - 2 speed: 38/76 m/min.				
	VAR-E: 2,2 kW - Elec. speed variator: 15÷100 m/				
	mm 2.450 x 27 x 0,9				
	B	L	H*	h	Kg
	1.250	640	1.650/1.300	830	340

320 BSA | 320 BSA VAR-E



Universal double miter hydraulic bandsaw designed of high robustness and practical operations. Equipped with 2-speed motor 1,4Kw (BSA) or electronic speed variator 2,2Kw (VAR-E)

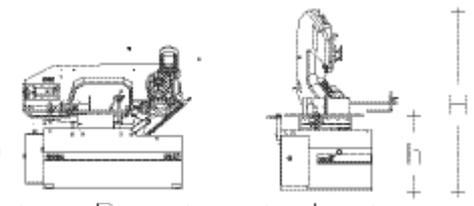


	90°	-45°	+45°	+60°	
	275	190	200	130	
	265*/250	160	185	130	
	320 x 220 h	200 x 100 h	185 x 220 h	120 x 140 h	
	BSA: 1,4 kW - 2 speed: 38/76 m/min.				
	VAR-E: 2,2 kW - Elec. speed var.: 15÷100 m/min.				
	mm 3.025 x 27 x 0,9				
	B	L	H*	h	Kg
	1.450	900	1.800/1.320	830	620

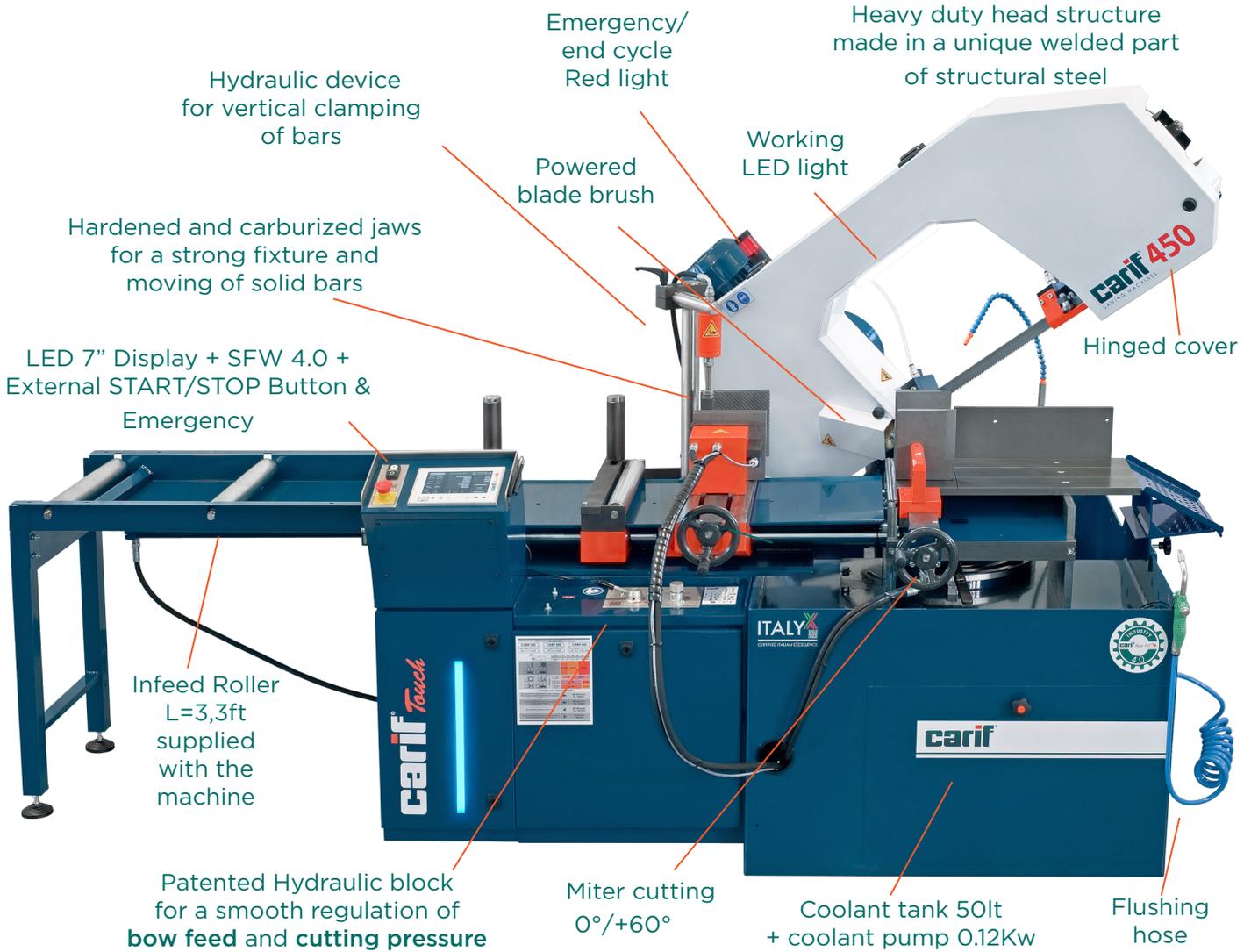
550 BSA | 550 BSA VAR-E



Extremely robust hydraulic bandsaw double miter, designed to cut medium/big dimensions. Equipped with a 34mm blade height. Two-speed motor 2.4 Kw (BSA) or electronic speed variator 4 Kw (VAR-E)



	90°	-45°	+45°	+60°	
	330	300	330	200	
	330*/300	260	300	170*/140	
	550 x 200h	300 x 220h	320 x 300h	200 x 140h	
	BSA: 2,4 kW - 2 velocità: 32 / 64 m/min.				
	VAR-E: Opt.: 4,0 kW - Motovar. Elettr. 15÷100 m/min.				
	mm 3820 x 34 x 1,1				
	B	L	H*	h	Kg
	2.000	1.000	2.000/1.550	830	1.100



### STANDARD CNC



- + 2 Axes CNC numerical control, simple interface for Semi-automatic and Automatic Mode.
- + Simple and complete control board to set all cutting parameters.
- + Easy and fast storage up to 100 cutting programs with visualization of all parameters and possibility to create sub-programs.
- + USB keyfor updates.

### CNC TOUCH



**Touch 4.0**  
INDUSTRY 4.0

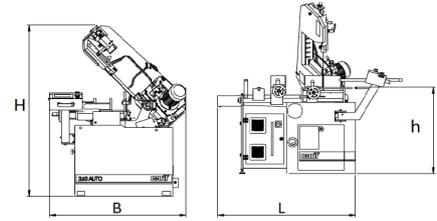
- + LED touch screen 7" with multifunctional software for Industry 4.0, modern and easy interface.
- + USB and ETHERNET port for PC connection, remote control and import/export data.
- + Simple and fast programming with import of cutting programs from USB or company network.
- + Applications for: job assistant, cutting statistics, documents library, utilities. Software for remote monitoring of cutting cycle, machine statistics & deviations.
- + Fast frame regulation from display.
- + Emergency LED red light for remote detection of emergencies / end cutting cycle.

260 AUTO 4.0

Touch 4.0  
INDUSTRY 4.0



The most compact automatic saw.  
Double miter cuts up to +60°/-45° in  
Semi-Automatic and +45°/-45°  
in Automatic mode.  
7" Display with user\_friendly software.



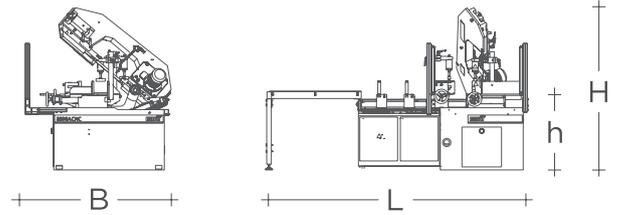
	90°	-45°	+45°	+60°[*]	
	220	130	150	90	
	220*/205	100	150	80	
	260 x 150 h	120x100	150 x 150 h	90 x 60 h	
	1,5 KW Inverter				
	Speed Range: 15÷100 m/min.				
	2450 x 27 x 0,9 mm				
	B	L	H*	h	Kg
	1260	1276	1650	830	600

320 BA CNC TOUCH

Touch 4.0  
INDUSTRY 4.0



Medium size CNC bandsaw  
of solid structure, equipped with  
electronic speed variator Kw 2,2.  
Miter cut one way up to +60°.



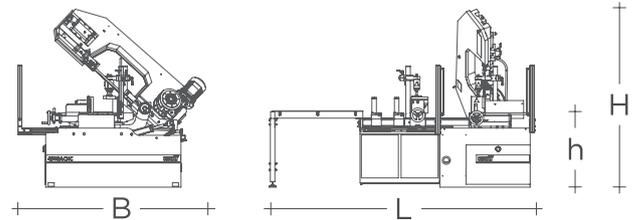
	90°	-45°	+45°	+60°	
	275	-	200	130	
	265*/250	-	185	130	
	320 x 220 h	-	185 x 220 h	120 x 140 h	
	2,2 KW Electronic speed variator				
	Speed Range: 15÷120 m/min.				
	3025 x 27 x 0,9 mm				
	B	L	H*	h	Kg
	1.580	2.830	1.320/1.800	830	1.050

450 BA CNC | 450 BA TOUCH

Touch 4.0  
INDUSTRY 4.0



Extremely robust CNC bandsaw,  
equipped with a blade H34mm,  
a speed variator Kw 4 and modern control.  
Miter cut one way up to +60°.



	90°	-45°	+45°	+60°	
	330	-	280	170	
	320*/280	-	250	150	
	450 x 240 h	-	270 x 240 h	170 x 125 h	
	4 kW Electronic speed variator				
	Speed Range: 15÷100 m/min.				
	3.660 x 34 x 1,1 mm				
	B	L	H*	h	Kg
	2.080	2.950	1.550/1.800	830	1.600

**OPTIONAL:**

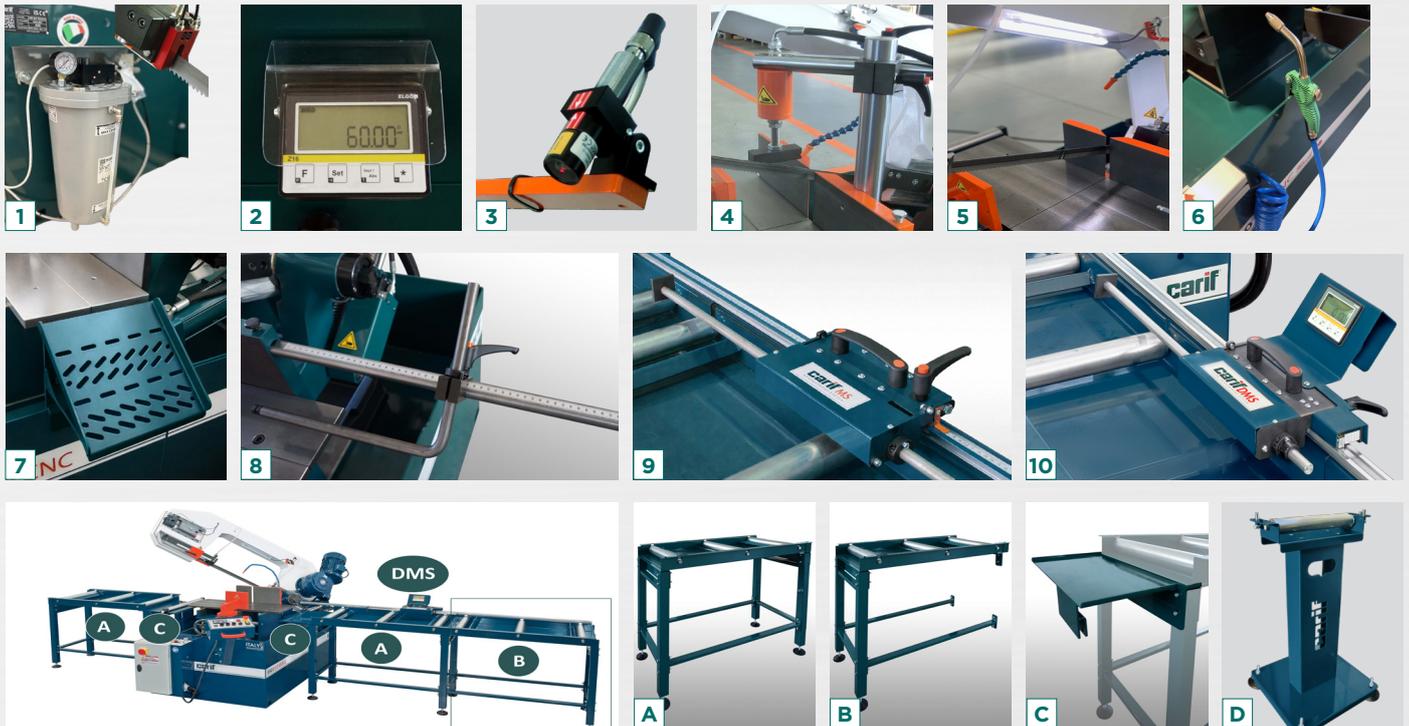
1. Mist Air/oil lubrication system 3lt. tank | 2. Digital angle display | 3. Laser-line for positioning | 4. Hydraulic device for vertical clamping of bars | 5. Working LED light | 6. Flushing hose | 7. Chute for cut pieces

**MEASURING SYSTEM:**

8. Measuring Device Graduated | 9. MS Graduated Measuring Stop | 10. DMS Digital Measuring Stop

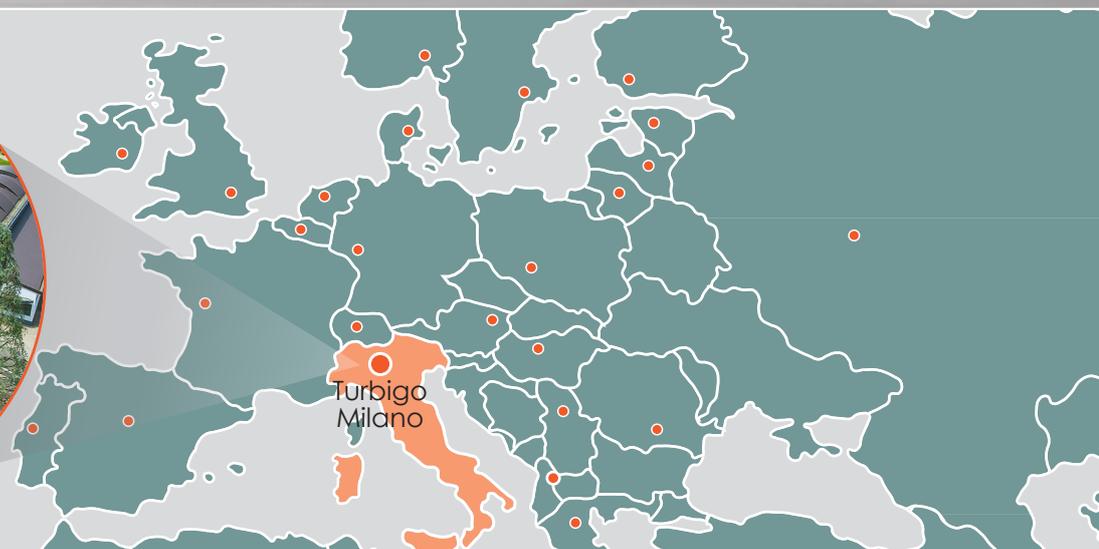
**ROLLER UNITS:**

A. Modular roller-unit type A (L= 1m) | B. Modular roller-unit type B (L= 1m) | C. Plan for connection | D. Roller stand / material support



### CARIF SAWING MACHINES

*Built on tradition and precision that lasts over time.*



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www.carif.it  
carif@carif.it  
+39 0331 899015



via Tre Salti, 1  
20029 Turbigo  
(MILANO) - ITALY

www.carif.it

