



## R.C.N. SOLUTIONS Srl

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### COMPANY DATA

#### Contacts

**Elena Calvi** - CEO  
**Davide Ricchi** - Owner - R&D Department  
**Simone Vecchi** - General Manager  
**Roberta Cometti** - Communication & Press Manager  
**Thomas Pollari** - Project Manager  
**Monica Losa** - Logistics

#### Annual Company Turnover

EUR 5,500,000

#### Percentage of Turnover from Glass

80%

#### Percentage of Third-Party Turnover

20%

#### Sales

Domestic (20%) / International (80%)

#### Area

Offices 500 m<sup>2</sup> / Plants 2000 m<sup>2</sup>

#### Founding Year

1993

### COMPANY PROFILE

**R.C.N. SOLUTIONS** manufactures three lines of machines, in different sizes and combinations:

- laminating
- bending
- chemical tempering

The company seeks to focus on the importance of keeping active and supportive to give customers the utmost cooperation. Great flexibility in customization, together with the ability to innovate, are the two main strengths that make RCN different from other market choices.

In the last five years, the company has been committed to find technical solutions to simplify operations, reduce the work of the operators, granting total safety.

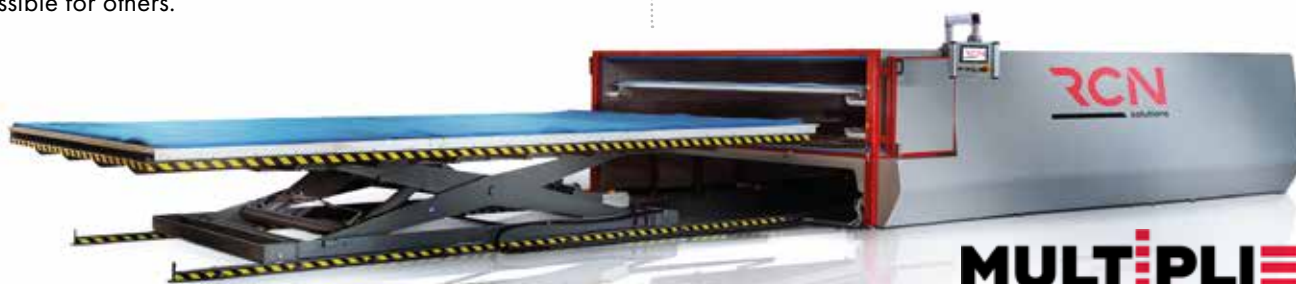
This project started in 2021 with the issue of RD CLEAN CONCEPT, the patented system for clean edges in lamination together with the RCN EASY CONNECT APP, the remote system to control production from any device.

RCN SOLUTIONS generates a know-how embodied by machines that are solid, durable, and succeed in tasks that prove impossible for others.

In the last two years, RCN has greatly advanced thanks to the entry of the new generation that brought new insight with new ideas and the application of new technologies.

In a market asking more and more for special products, we want to offer all the possibilities to produce special products reducing costs and time, but keeping quality, safety and control. Service is a crucial matter for the company that is working to develop it every day. It involves management, sales and production team, all of them are aware customers deserve the utmost attention and have to work to satisfy expectations accordingly.

2024 has been the turning point for the company that issued its first rotary bending system, opening the door to a new age of machinery, especially automatic and semi-automatic ones, whose first result is LIA – laminating integrated automation. It was time for RCN to make one step ahead from the old machines construction, whose structures although solid and appreciated gives space to more mild shapes, charming colors and most of all, technology.



**MULTIPLIED**

RCN SOLUTIONS is particularly proud of its Made in Italy that makes a significant difference on the market and it is a synonym for research and development.

### LIA - laminating integrated automation.

This laminating machine comes in automatic or semi-automatic mode. It has been introduced in October 2024 and met great approval and demands.

Studied and designed by the RCN's engineers, it embodies all the traditional construction known for solidity and durability but with an easier handling offered by the automatic opening, the automatic lifting platform able to remove shelves from the laminating chamber independently. Which means some cycles can be run in the night too, under the supervision of EASY CONNECT APPLICATION and the RCN's remote diagnostic.

LIA can be combined with RD CLEAN CONCEPT bags for utmost performance and maximization of production.



### ROTARY BENDING SYSTEM

This bending machine consists of a self-excluding twin-axled system, equipped with four working positions, controlled movement in size of 4000x5500xH2000 millimetres.

This equipment fits the scope for the production of special products that have to be of high quality, perfect, without distortion, especially if installed in luxury yachts. The other traditional bending line, named **ECO SPECIAL**, has been designed with independent heating zones thus to grant the heat where is most needed to the benefit of the type of the curve. Each zone can be heated with different temperatures controlled by the PLC. 4, 6, 8 but also 10 different heating zones can be installed.



### RIVA BY RCN

There are some special products that cannot do without chemical tempering, such as curves or thin glass but also thicker glass can be processed, unlike common opinion. The reason is that chemical tempered glass has high mechanical resistance and once it is laminated it becomes an important safety glass. Customization and large size machines can be manufactured.

#### RESISTANCE TABLE

Type of glass	Annealed	Hardened	Thermally Toughened	Chemically Toughened
Thickness	from 2.3 to 19	from 2.3 to 8	from 3.2 to 19	from 0.7 to 19
Resistance to flexure [N/mq]	30/40	50/100	120/200	250/600
Resistance [°C]	30	40/100	110/180	Over 200



### REVA BF lamination interlayer

Exclusive chemical formula to combine adhesion quality, high transparency rate and product

constancy, thanks to the choice of fresh raw materials supplied by one of the most prestigious international chemical companies and production controls and inspections.

REVA BF has been validated by international certifications Institute by Rosenheim Ift too. In combination with RCN's laminating kilns, REVA BF laminates in fast mode, ex. 75 minutes for lamination of 6+6mm glass. This system together with perfect heat uniformity and control, allows not only short cycles but energy saving too.

