



R.C.N. SOLUTIONS Srl

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COMPANY DATA

Contacts

Elena Calvi - CEO

Davide Ricchi - Owner - R&D Department

Claudio Fraschini - Mechanical Engineer

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 m² / Plants 2000 m²

Founding Year

1993

COMPANY PROFILE

R.C.N. SOLUTIONS manufactures three lines of machines:

- laminating
- bending
- chemical tempering

the result of experience, listening and commitment. Experience in construction and technical developments; ability in listening to customers' requirements and commitment to turn requirements into concrete production layout.

Each line can be manufactured in different sizes, with different accessories and most important is customization, far to be an exceptional event, but it is nearly a routine.

This flexibility in production together with the ability to innovate, are the two main strengths that make RCN different from other market choices but also bring more responsibility and need for high-profile professionals. The company is working on a key issue regarding reorganisation and upgrading of its production.

In the last few years, RCN SOLUTIONS has been busy in facilitating customers' production and finding technical solutions to simplify operations, reduce the work of the operators, granting total safety.

The issue of RCN EASY CONNECT APP, in 2021, the remote system to control production from electronic devices, was the first step to IoT, the current transformation to digital technology involving sensors, components and other objects combined with internet connectivity and the analytic skills aiming to

reduce waste, save energy and improve work-life quality. RCN SOLUTIONS generates a know-how embodied by machines that are solid, durable and reliable. The same, RCN's second-hand machines are highly sought after as absolute evergreen.

Developments are possible thanks to the arrival of the new generation bringing 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, while maintaining high quality, safety and control.

Service is a crucial matter for RCN 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. The new RCN's automatic and semi-automatic LIA - laminating integrated automation - has met the approval of the market based on the idea of having several independent runs, improve the job and safety of the workers, and grant quality consistency. This line also gives space to a more and more sophisticated design, charming colors and most of all the use of new technologies.

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

LIA - laminating integrated automation.

This laminating machine comes in automatic or semi-automatic mode. 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. It 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 ut-



most performance and maximization of production. It is available in 2 or 4 shelves with or without additional equipment.

ROTARY BENDING SYSTEM

It 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 projects requiring high quality, perfect, defectless curves, especially if installed in luxury yachts. The traditional bending line, named **ECO SPECIAL**, has been designed with independent heating zones 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



FLOATING

Floating kiln is brand new and it is composed of two or more bending trolley and the top transferring from one trolley to another one, reducing production time and increasing volumes.



RIVA BY RCN

There are some special products that cannot do without chemical tempering, such as curved 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 too.

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 lft 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. In combination with RCN's laminating kilns, REVA BF laminates in fast curing mode, i.e. 75 minutes for lamination of 6+6 millimetres glass.

UNI EN ISO 12543-4:2011
UNI EN 12600:2003

SGCC List Approved
AISI Z 97.1-2009; CPSC 16 CFR 1201
AISI Z97.1-2015 Section 5.4.2