



## ECOL INGENIERIA INDUSTRIAL, S.L:

Poligono Industrial Guarnizo P17 - 39611 Guarnizo / Cantabria (Spain) - Tel.: +34-942-566-196

E-mail: [comercial@grupoecol.com](mailto:comercial@grupoecol.com) • [www.grupoecol.com](http://www.grupoecol.com) • [www.linkedin.com/in/ecolglassmachinery](https://www.linkedin.com/in/ecolglassmachinery)

### COMPANY DATA

#### Founding Year

Santander, 1975

#### Business

Customized Machinery Solutions for flat and automotive glass

#### Expertise

Mechanical, electrical, automation, robotics

#### Scope

Design, manufacture, assembly and installation of customized machinery and automated solutions

#### References

Turnkey projects worldwide



### COMPANY PROFILE

**ECOL** Ingenieria industrial S.A. is specialized in the automation of the glass processing industry. Working as a consulting partner and turnkey supplier, ECOL develops and integrates customized machinery solutions to upgrade new or revamped lines with the latest technology in the market. Our specific know-how can increase your competitiveness by:

- **Boosting your production speed**
- **Improving your product quality**
- **Lowering your labor cost**
- **Saving energy consumption**

With a proven track of records in the **design, manufacture and installation of customized machines**, ECOL is the reliable choice to support your engineering team in your improvement projects. Our deep technical expertise ensures a cost-effective solution. Our long experience in international project management guarantees a successful on-site integration. Our professional reputation comes from an extended customer support. Our worldwide customers attest about our reactivity and service commitment.

ECOL manages all the stages of its projects 100% internally. From the mechanical and electrical design to the manufacture in our dedicated workshops (i.e. machining, welding, painting, automation, etc.), ECOL is equipped with ad-hoc capacities for the business. With no subcontractors, the project schedule and product quality are closely controlled. Moreover, the know-how and lesson learnings remain in-house leading to a continuous improvement of our innovative solutions.



BAG VACUUM FURNACE  
ROBOTIC LOADING



WASHING MACHINE FOR FLAT GLASS  
GLASSTEC DUSSELDORF



**STRAIGHT AND DIAGONAL  
CUTTING LINE**

## PRODUCT RANGE

1. FLOAT FURNACE PHERIPHERALS'
2. CONVEYORS AND TRANSFERS
3. ACCUMULATION BUFFERS (STOCKERS)
4. LOADERS/UNLOADERS
5. CUTTING LINES
6. CRUSHER AND CULLET LINES
7. SERIGRAPHY LINES (LOGO PRINTING)
8. WASHING MACHINE FOR FLAT GLASS
9. WASHING MACHINE FOR BENT GLASS
10. PVB WIRING DRUM
11. DE-AIRING VACUUM BAGS FURNACE
12. PVB TRIMMING MACHINES
13. PACKING LINES
14. SMART WAREHOUSE STORAGE
15. ROBOTIC CELLS
16. AUTOMOTIVE AVO (ADDED VALUE OPERATIONS)



**FURNACE AUTOMATIC UNLOADING**



**WASHING MACHINE FOR BENT GLASS**