ROTOLIA

new concept in plastic

English version

ABOUT US

ROTOLIA is a company dedicated to manufacturing plastic parts for all industry sectors. We use four of the thermoplastic technologies most widely used in plastic processing: **ROTATIONAL, INJECTION, THERMOFORMING and BLOWING.**

IFACILITIES AND TECHNICAL RESOURCES

Our company in Valencia has more than **10,000 square metres** of floor space, where we manufacture with high quality standards, the latest design and manufacturing technologies, a highly qualified team, and a high degree of environmental commitment.

COMPREHENSIVE MANAGEMENT

At ROTOLIA we advise our customers on the most suitable thermoplastic technology for each project, offering COMPREHENSIVE MANAGEMENT thanks to having **the ideal machinery and design team for each phase of the project.**

LOCATION
PRIVILEGED

ROTOLIA is located in the **north of Valencia (Spain)**, very well connected by road with the rest of the country and Europe. It also has an airport and a seaport just a few kilometres away.

LAND

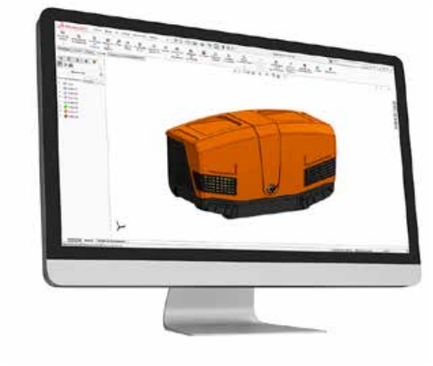
Road connection with the whole of Spain and Europe.

SEA

Valencia seaport is located just a few kilometres from ROTOLIA.

AIR

Valencia airport is also just a few kilometres from our premises, ideal for cargo transport.



01 THE PROJECT

DESIGN EXPERTS:
We have a **technical office** and studio specialising in product design, carefully planning the best solutions to meet our customers' requirements.

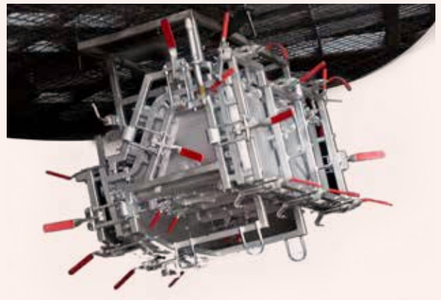
COMPREHENSIVE MANAGEMENT

02 PROTOTYPES

3D PRINTING:
Our 3D printing technology allows us to **transform our customers' ideas** into physical parts before manufacturing the moulds.

03 MOULDS AND MANUFACTURING

CUTTING-EDGE TECHNOLOGY:
We strive to manufacture the product using **the most competitive tooling** in each of the four thermoplastic technologies we work with.



04 LOGISTICS AND PACKAGING

PERSONALISED SERVICE:
At ROTOLIA we can assemble elements in the manufactured pieces, **label and bag** the products with **corporate packaging**, and send them to their final destination in line with the customer's wishes.

TECHNOLOGIES

Manufacture of custom-made parts and components with four technologies:
rotational, injection, thermoforming and blowing.

At ROTOLIA **we use the most suitable technology according** to each customer's mechanical, chemical and product unit requirements.

ROTATIONAL MOULDING

Rotational moulding

Our logistics centre in Valencia (Spain) can manufacture pieces between **4.8 metres in diameter and 3.2 metres in height**. The thickness of the materials can vary between 3 and 15 mm, depending on the customer's needs.

We have two rotational moulding machines for different part sizes.

CAROUSEL 3500

With three separate arms, this machine can load up to **24 moulds.**

Maximum dimensions of each part:
3200 mm in diameter x 1200 mm high.

Works with the following materials:
PE/ PE UL94 VO / PP / PA / PA UL94 VO / PVC.

CAROUSEL 5000

With three separate arms, this machine can load up to **65 moulds.**

Maximum dimensions of each part:
4500 mm in diameter x 3200 mm high.

Works with the following materials:
PE/ PE UL94 VO / PP / PA / PA UL94 VO / PVC.

INJECTION

Injection moulding

At ROTOLIA we have **10 thermoplastic injection machines** that can work with **projects from 100 to 2700 tons.** This ensures we can offer our customers great flexibility with different volumes, while also being fast and competitive.

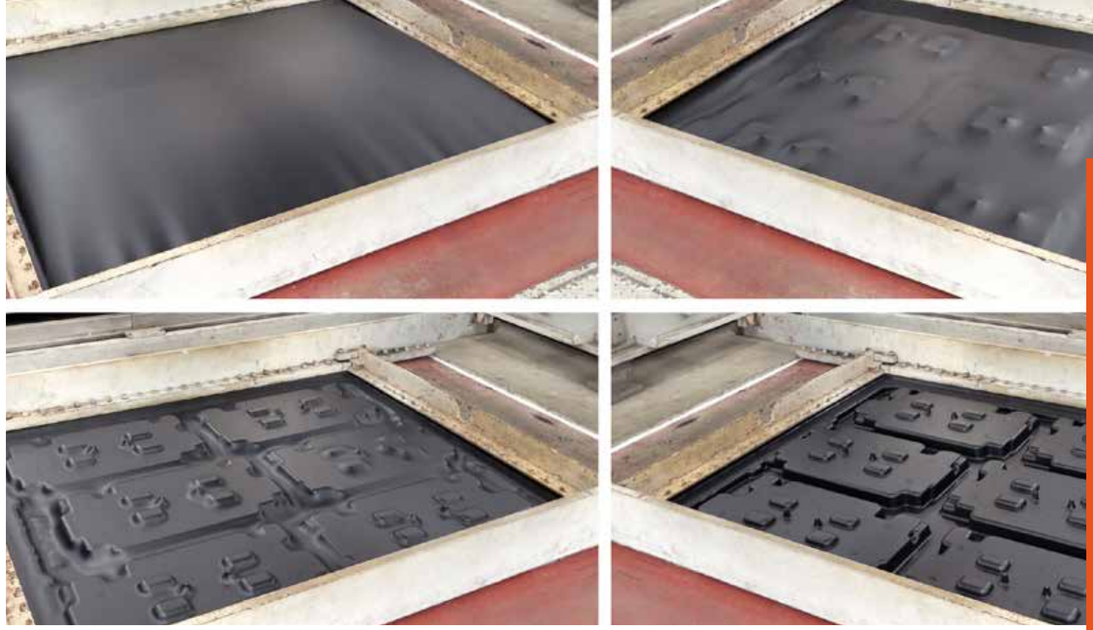
Small and large batches

At ROTOLIA we can produce hard aluminium moulds in batches from 500 units. We can also meet high production levels with steel moulds. We can therefore produce high and low batch numbers, depending on each customer's needs.

BLOWING

Blow moulding

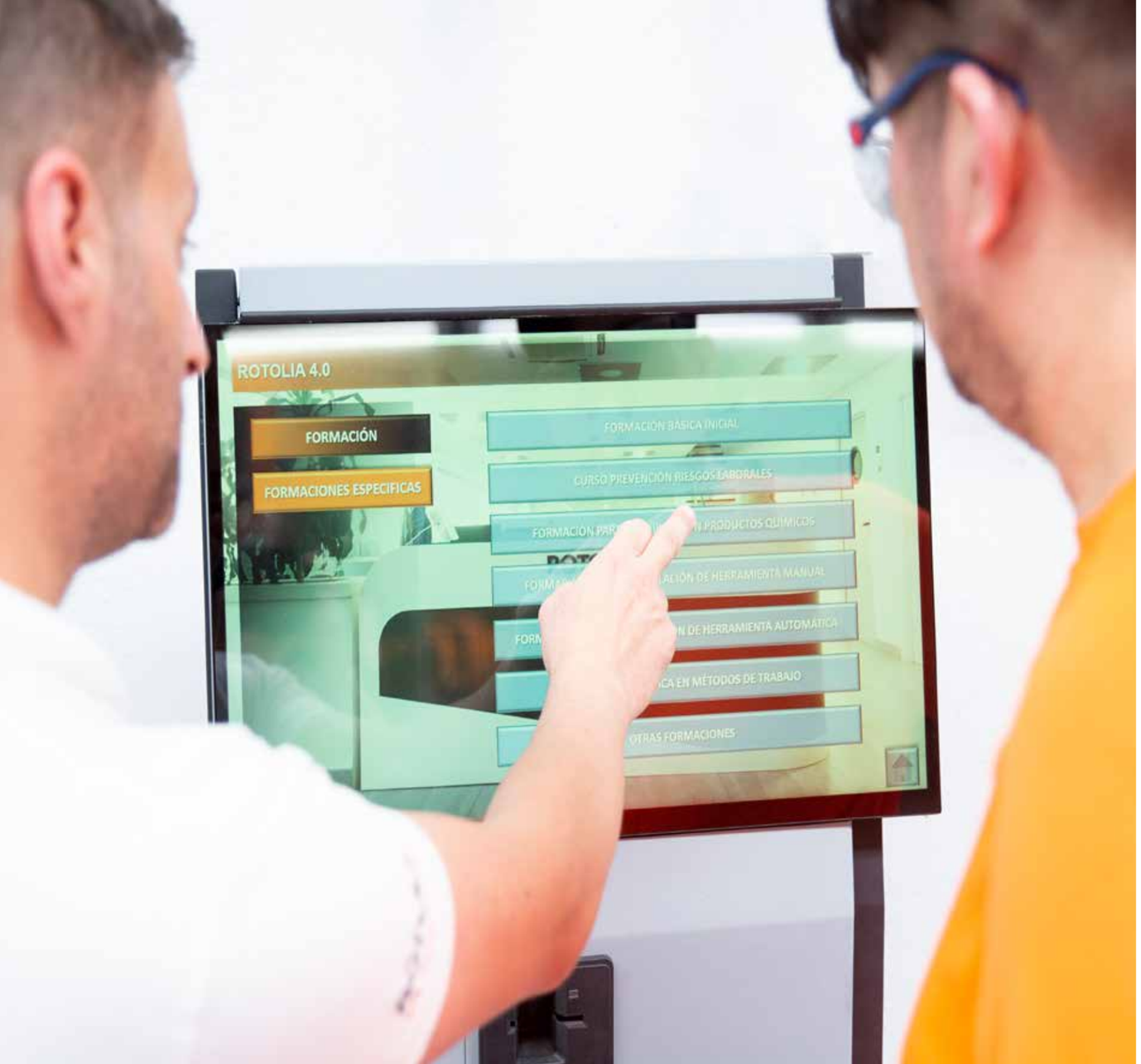
ROTOLIA has **10 blow moulding** machines to produce pieces between **10 grams and 14 kilograms.** This technology allows us to mould PET, polypropylene, polycarbonate, polyethylene naphthalate, and other materials. Blow moulding is the ideal technology to produce hollow parts.



Thermoforming

At ROTOLIA we can work with **three different thermoforming** machines: one-sheet, twin-sheet and blister thermoforming. Our range of machinery means we can work with pieces from 670 mm to 3500 mm and thicknesses that vary between 0.3 and 12 mm, depending on the needs of each product.

THERMOFORMING



INDUSTRY 4.0

LEAN MANUFACTURING AND QUALITY

Manufacturing at ROTOLIA is **creative, intelligent and humane.** Industry 4.0 drives the way we work on our planet, with people always at the heart of the industrial process.

ROTOLIA applies a continuous improvement and clean production model under **ISO 9001 and ISO 14001** quality standards, reducing waste, costs and time while increasing product quality.

ISO 9001
ISO 14001
BUREAU VERITAS
Certification

ENVIRONMENTAL COMMITMENT

All our **production has been recyclable** since 2018, making it **100% recoverable.** We are 5 years ahead of the European Regulation.

Between 2020 and 2023, we aim to **minimise waste and work with natural additives** such as rice husks and almond shells.

50% of our production will be from recovered raw materials by 2025

Our additives are natural (rice husk and almond)

50% of our production will be from recovered raw materials by 2025

All of our production has been recoverable since 2018.

CIRCULAR ECONOMY

ROTOLIA works alongside several organisations and foundations to give a new life to plastic materials taken from our oceans and landfills, **promoting the circular economy.** For ROTOLIA, **contributing towards the sustainability of planet** Earth by extending the life cycle of products is an essential aspect.

PROJECTS

At ROTOLIA we provide plastic solutions to a wide range of industrial sectors: **automotive, energy, agriculture, food, metal, decoration, health...**

Counting on the **four most widely used technologies** in the treatment of plastic allows us to complement projects and produce parts of the same product with **different technologies, thus ensuring the highest profitability and precision.**

The success of each project lies in customising and applying the right technology in each process.

new concept in plastic

www.rotolia.com

Rotolia Plástica S.L.
Pol. Ind. Mediterráneo. Calle Fila, 6.
46550 Albuixech (Valencia)
info@rotolia.com
(+34) 961 204 910

SCAN ME