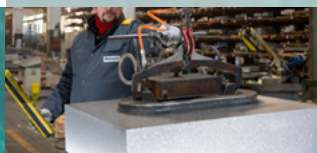


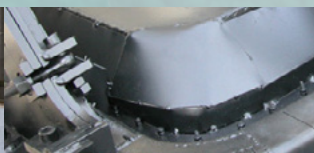
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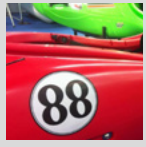
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Introduction

A flexible technology

■ Rotational moulding is an important resource for the plastic industry: since it is highly flexible, it allows the manufacturing of products in a wide range of sizes. From small to large scale, rotomoulding is a valid solution for companies aiming at combining quality and versatility. Moreover, thanks to the wide range of polymers and additives available on the market, it is possible to create “ad hoc” solutions for meeting diverse requirements in terms of product performance and appearance.

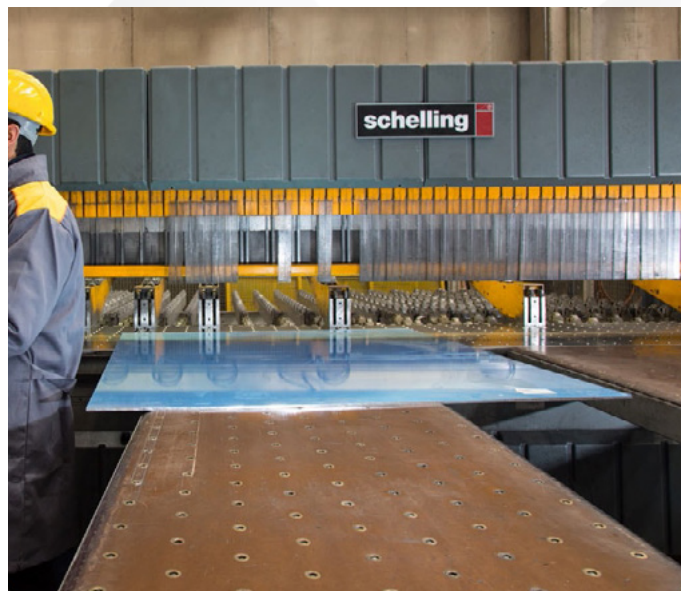


Baratè Alluminio

Aluminium processing

■ Baratè Alluminio is a company specialized in processing aluminium alloys for industrial use. By using primary aluminium plates, Baratè Alluminio has created two specialty alloys, Castal Premium 50 (5083 H0 alloy) and Castal Premium 70 (7021 T6 alloy), which guarantee perfect shape stability and high quality standards at an extremely good price. Blocks in any size can be produced, from small cubes to extra-large formats for manufacturing tools, moulds and models. Besides the traditional rolled plates Baratè range of products includes innovative milled plates protected on both sides to guarantee higher planarity and stability than mere rolled products and perfect surfaces which allow end users to improve and speed up all processing phases.

Link: www.barate.it



Artyplast

Striving for quality and excellence

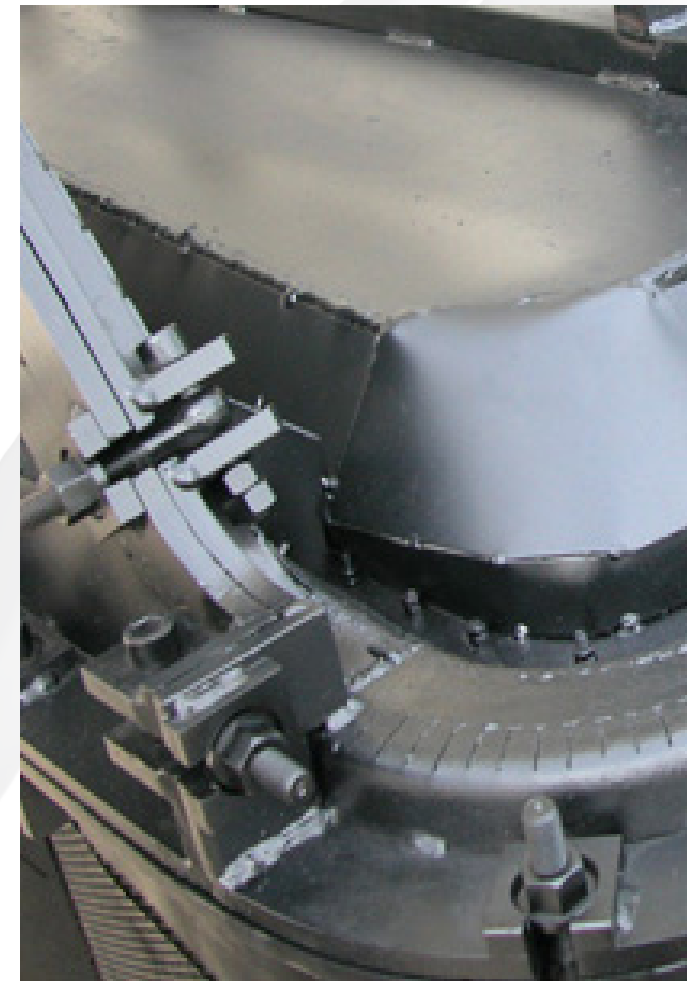
■ Artyplast Rotacional is a modern company whose main target, besides production, is to deliver innovative state-of-the-art solutions responding to its customer requirements. Customer satisfaction, customer loyalty and a job well done are our pride and the best evidence of our reliability.

The commercial success of Artyplast Rotacional is based on listening to and understanding its customer requirements while bringing together diverse skills to create synergies.

Artyplast Rotacional is supported by a team of professionals specialised in rotomoulding and committed to quality and service excellence.

In order to guarantee high levels of efficiency Artyplast Rotacional can rely on the most advanced technology available on the market and on a fruitful cooperation with the leading global suppliers.

Link: www.artyplast.com



Persico

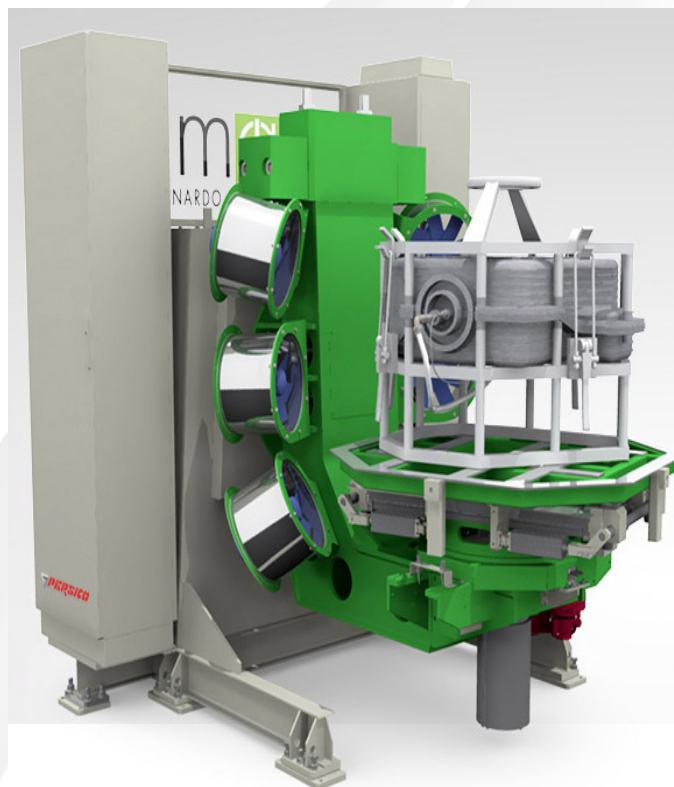
Exclusive technology

■ Founded in 1976, Persico Group is an Italian multinational engaged mainly in the Automotive, Industrial and Marine industries as a provider of a vast range of services: from co-design to design, engineering and manufacturing of prototypes, models, moulds, automation systems and turnkey yachts. Moreover, Persico operates in other sectors, including Aerospace, Design and Healthcare. The Group has production units in the USA, as well as sales offices in Mexico.

Link: www.persico.com

Noteworthy among Persico's completely automated systems is the Leonardo Smart fully automated rotational moulding machine.

leonardosmart.com



Prodescom Rotomoldeo

Customer satisfaction

■ Prodescom Rotomoldeo provides innovative services to its customers thanks to state-of-the-art machines and equipment as well as experienced and highly qualified personnel. Prodescom Rotomoldeo is a leading company in the manufacturing of rotomoulding components and its customers include companies active in all sectors from design to industrial products, outdoor applications, tanks, etc. Whatever design phase Prodescom Rotomoldeo can easily adapt to the requirements of each customer, providing all necessary resources to manufacture quality articles using rotational moulding.

Link: www.prodescom-rotomoldeo.es





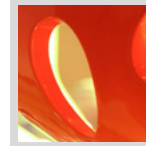
Materials

PVC



■ This raw material can be powder or liquid (plastisol). Plastisols are blends of PVC, plasticisers, stabilisers and other additives specially formulated for rotational moulding. Thanks to these blends, it is possible to manufacture finished products in a wide hardness range (from very flexible to very rigid). Rotomoulded plastisol can be easily painted.

Link: www.rotodesign.it



Materials

PE - Polyethylene



■ It is the most commonly used polymer in rotational moulding. Various types of polyethylene for rotational moulding are available on the market. In general, polyethylene shows good impact strength and abrasion resistance. When suitable additives are added to PET, it shows good resistance to ultraviolet rays. On the other hand, it is quite difficult to paint or glue it. Moreover, maximum continuous service temperature cannot exceed 60°C depending on the type of polyethylene used.

Link: www.rotodesign.it



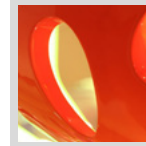
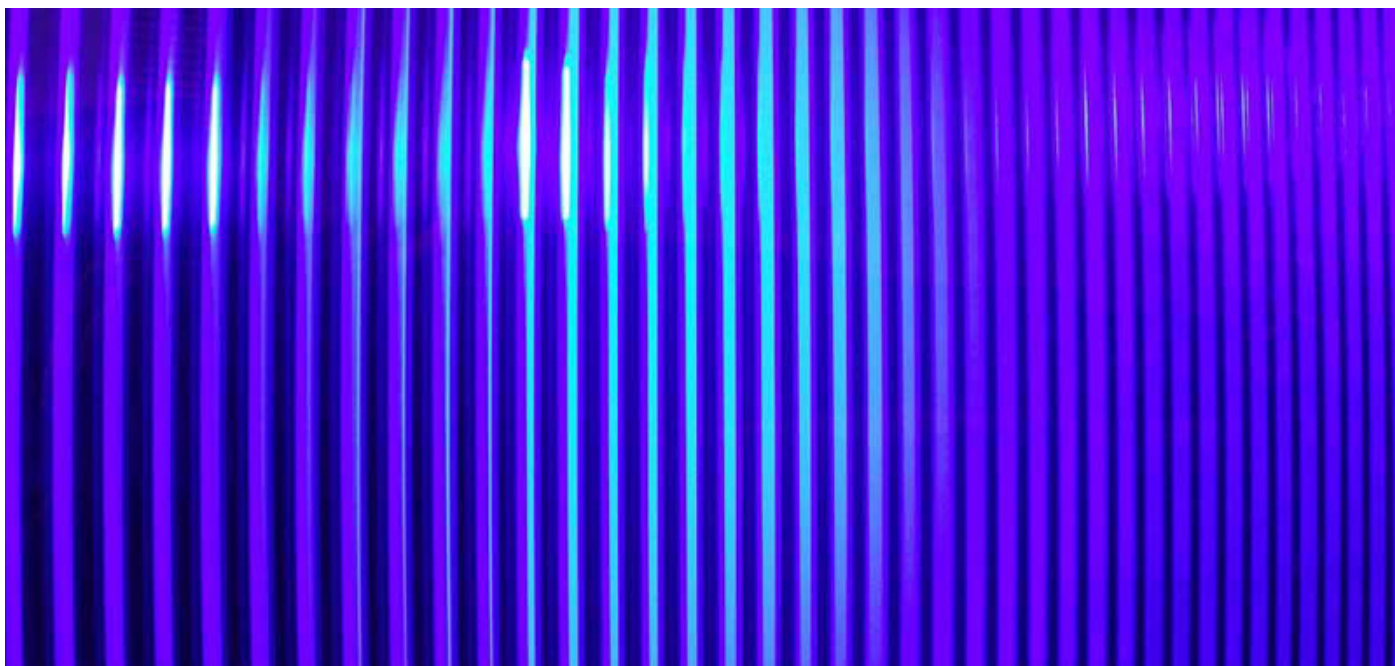


Materials

PC - Polycarbonate

■ The major advantages of rotomoulded polycarbonate are high heat resistance, excellent impact strength, and good transparency. Moreover, since the average shrinkage rate of polycarbonate is lower than 1%, it is necessary to carefully design the shape of the mould in order to avoid extraction problems.

Link: www.rotodesign.it

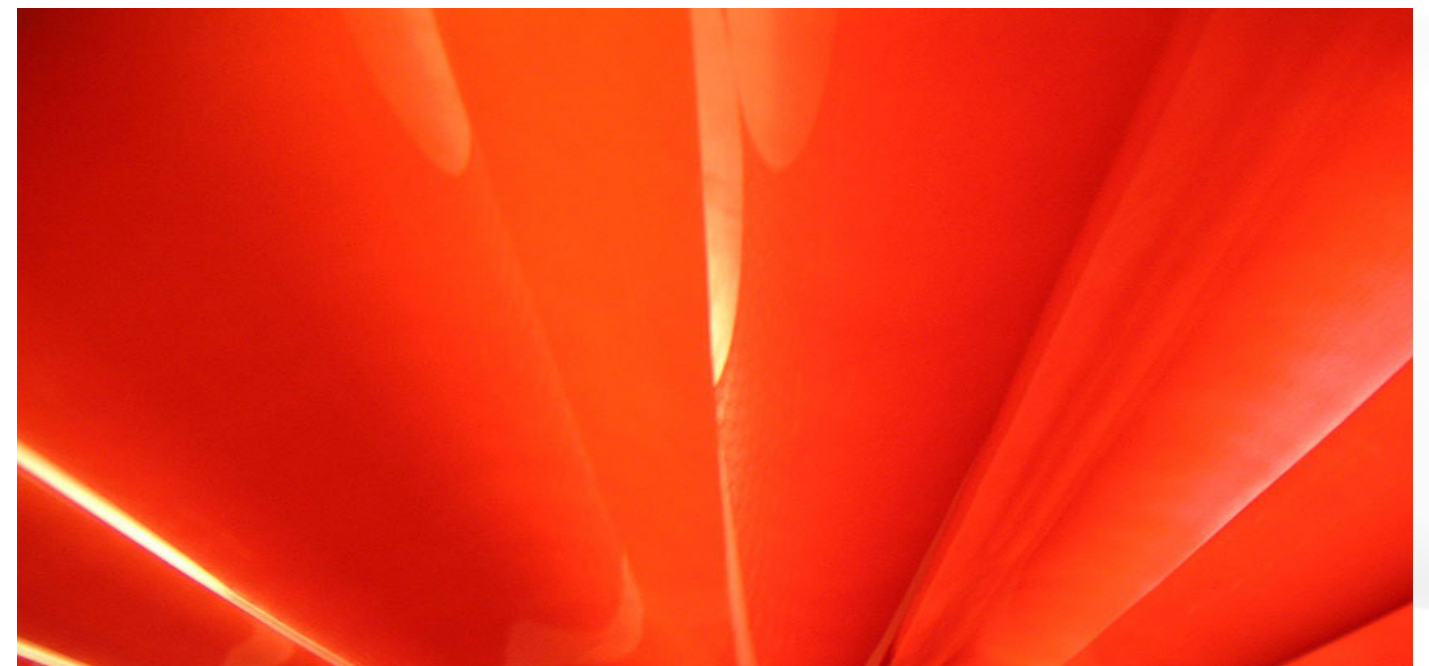


Materials

PP - Polypropylene

■ Rotomoulded polypropylene shows higher heat resistance and stiffness compared to polyethylene. Since it is a harder material, polypropylene has to be pulverized using cryogenic grinders thus increasing raw material costs.

Link: www.rotodesign.it

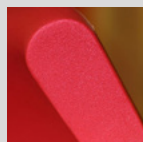


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