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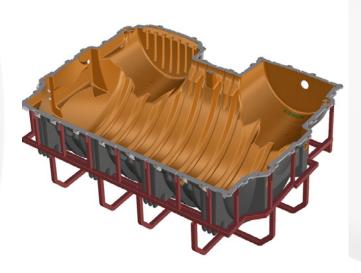
Introduction

Rotational moulding for the agricultural industry



Being an atmospheric-pressure process, rotational moulding allows the production of nearly stress-free parts. The fact that there are no stresses on the melt is a major advantage that rotational moulding has over all other manufacturing methods for plastic parts. Also as there are no forces on the melt during forming, moulds for rotational moulding can have thin-walls and are relatively inexpensive to fabricate. Thanks to all these benefits, a wide range of

products for agriculture in a multitude of shapes, sizes and performance characteristics have been developed. Quite often the rotomoulded products for the agricultural industry require complex geometry and the combination of diverse components and, sometimes, of various types of polymers.







Rotostar





Custom-made products

Proud of more than 20 years of technical and commercial experience in plastic materials Rotostarisacompanyabletoprovideitscustomers with cutting-edge rotomoulding solutions as well as a targeted customized consultancy service for developing "turnkey" products.

Among the numerous sectors where rotational moulding can be successfully used, Rotostar has also been dedicated to the manufacturing of agricultural products for a long time. Besides meeting a number of technical requirements in terms of performance and safety, agricultural products are becoming more and more designled items.

Thanks to the cooperation with a lot of manufacturers and suppliers of plastic materials, Rotostar is able to offer its customers a range of products made of suitable raw materials (Specialty materials such as modified polyethylene) to meet the most varied requirements including no loss of mechanical strength over time.

Link: www.rotostar.it









Applications 3

Componenti per l'agricoltura

Ever since 1973, the Simplast Group has always made use of the best technology available on the market for the rotational moulding of plastics. Its products are able to meet the highest quality standards and most demanding specifications (multi-layer, varying thicknesses, complex shapes), guaranteeing unparalleled properties.

Having started out producing fenders in PVC (plastisol) for the nautical sector and PE-X tanks for tractors, today we have an international clientele operating in a vast range of fields: automotive, agriculture, industrial cleaning, nautical, hospitals and ecology, road signs and street furniture, means of transport and earth-moving machinery.

Link: www.simplast.info



Applications 4

Astro



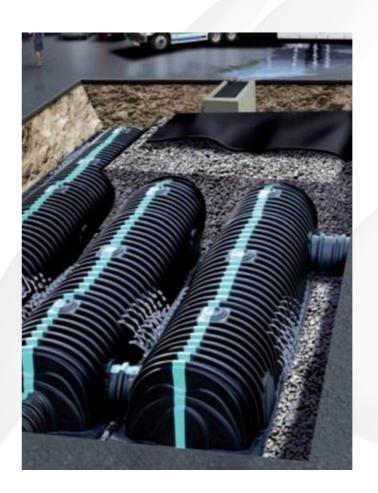
Polyethylene tanks

Astro has been manufacturing virgin linear polyethylene tanks and containers using rotational moulding for about 35 years. Astro tanks and containers are distributed not only in the national market but also all over Europe and, in particular, in France, Germany, England, Spain, Austria, Holland, Belgium, Switzerland and Portugal where Astro has developed a well-established sales network. Astro products have met with great success in all these countries because they are able to meet the most varied requirements of its customers operating, above all, in the chemical, pharmaceutical, cosmetic, textile, waterpurification industry.

Link: www.astrosrl.it



Starplast







Applications 5

Water tanks

Being a precious indispensable community resource, water is Starplast core business. Water conservation and storage is the ultimate target Starplast tries to achieve with dedication, research and innovation. The manufacturing of rotomoulded polyethylene products, the compliance with national and international environmental protection rules, the carefullydesigned construction geometry and the quality of the components used guarantee an efficient low-cost solution to any problem related to water treatment and recovery.

The publication of the "European Water Charter" and the creation of the "Save your blue gold" slogan see us pursue research and development activities contributing to improve community welfare with more social responsibility.

Link: www.starplastsrl.it

Componentistica 6



Favatà



Components for rotomoulding

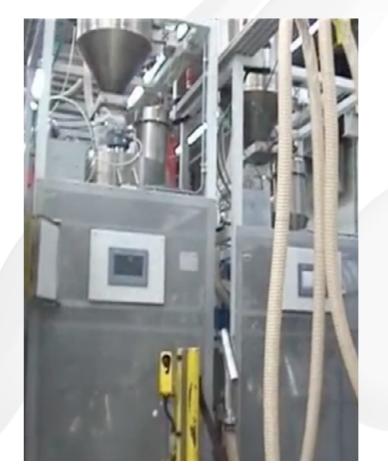
Favatà has been manufacturing turned parts for plastic moulding techniques such as injection moulding, rotational moulding and blow moulding since 1980.

Favatà has achieved certification to UNI EN ISO 9001:2008 quality management system standard, certificate no. SGQ 1377.

Products are manufactured to customer drawing specifications. Also Favatà can greatly contribute to design decisions by giving technical advice and support, cooperating with the engineering office, finding solutions, improving product characteristics and reducing manufacturing costs.

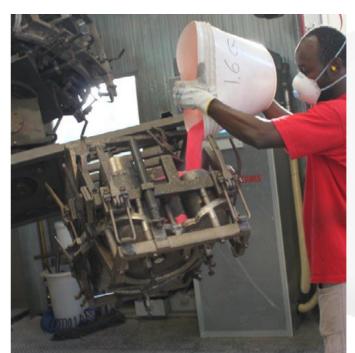
Link: www.favatasnc.it











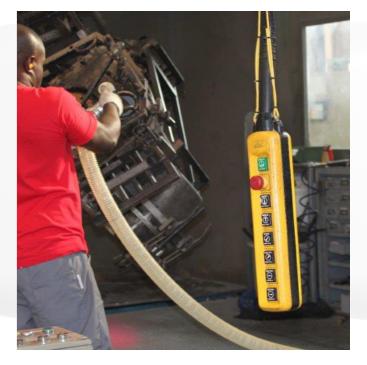
Attrezzature 7

Easy Load

An innovative system for loading moulds for rotational moulding by means of a pneumatic conveying system operating under pressure at ground level is now available.

FLUID AIRSYSTEMS has developed a new revolutionary mould-filling system for rotational moulding. The most remarkable, absolutely unique feature is the total absence of dust when the material comes out of the gun. The overall system is composed of a Big-Bag discharging unit, by a receiving unit and by a loading pillar equipped with a gun ("easyload").

Link: www.fluidairsystems.de





Pagani



Moulds

Thanks to its computer numerical control machines, Pagani is able to build even big-sized moulds using high-speed machining centers. Technical know-how and cutting-edge machinery allow Pagani to provide its customers with highquality, high-precision final products perfectly in line with customer expectations.

Thanks to a coordinate measuring machine (CMM) Pagani can guarantee, certify and improve mould quality. The maximum size of the mould that the machine can accommodate is 3,000x2,000x1,500 mm.

A wide range of mould surface finishes is also available: industrial smoothing, polishing, sand blasting, shot blasting and painting.

Link: www.paganistampi.com

Gerbaldo Polimeri







Polymers 9

Microlex

Founded in 1985 Gerbaldo Polimeri is a company specialized in the manufacturing of high-density and low-density polyethylene and polypropylene granules for films, packaging, extrusion, blow moulding and injection moulding. The primary aim of the company is to use its financial and professional assets to achieve quantitative and qualitative product satisfaction. In order to improve its corporate image and to constantly add value to its products and services, Gerbaldo Polimeri has invested in new machines for producing granules and powders, in setting up an in-house laboratory for in-depth technical analysis and in implementing a quality system which is now an integral part of its day-to-day operations.

Link: www.gerbaldopolimeri.it



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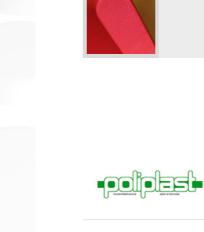
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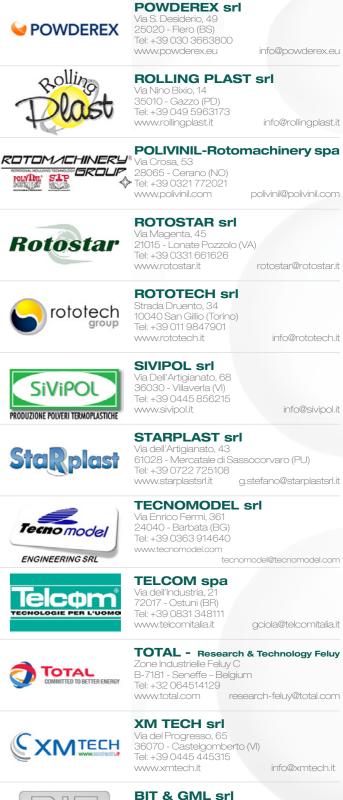
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