



Market Monitoring Newsletter

ARMO'S ROTATIONAL MOLDING NEWSLETTER

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Rotomolding Market News - Asia

The plastics molding machines market keeps on growing in China

04/05/2021



Rotomolding is a low pressure and high temperature treatment technology for pasty materials, based on the adhesion of plastics to rotating hollow molds; it is therefore used for the production of hollow bodies, which do not require subsequent welding and assembly phases, practically without tension. When it comes to rotational molding machines, China has become the biggest market worldwide. (Translated from Italian)

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ROTO-MOTIVE! An Outlook into Light Weighting Opportunities - BS-VI & CAFE norms



In the recent past, all of us heard about environmental challenges faced by various cities in India and lawmakers' influences in faster implementation of Emission norms across the country. Indian automotive emission norm follows the European trends except the fact that we are skipping BS 5 (a Euro 5 equivalent stage) and leapfrogging from BS-IV to BS-VI. Rotomolding component manufacturers can look at the development of components like Interior & Exterior Components, Auxiliary water tanks, Plastic fuel tanks, Ad Blue tanks, and other safety parts. Just to give a perspective, fuel tanks in plastic can benefit 40% weight reduction in heavy trucks. Rotomolding is a preferred process for large-capacity tanks and components.

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In terms of environmental regulations for motor vehicles, the US and China are considered to be the most advanced.



Thermoplastic tanks for vehicles are being rotomolded to store hydrogen. Typically these tanks are wrapped with CFRP (carbon fiber reinforced plastic) to achieve compressive strength. If their performance can be verified, they will surpass steel and aluminum tanks in terms of both weight and cost. This hydrogen fuel tank, on display at Chinaplas 2021, was rotomoulded by 1 of only 3 approved companies in China using a tool made by Rising Sun. Rotational moulding; imagine the possibilities.

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Rotomolding Market News - Australia

Peli addresses protective packaging solutions for engineering logistics



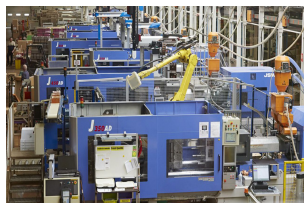
A team of Peli experts will be hosting a free webinar on the 12th of May at 11am CEST to introduce its packaging solutions to overcome logistics challenges. Peli Case Engineering Centres are based in the UK, US, France and Australia, designing customised protection with rotomoulded containers. Over the last 60 years, its experienced Engineering Team has designed, developed, tested and manufactured bespoke case solutions for UAVs, aircraft engines, satellite ground stations, critical communications and weapon systems for aerospace and defence sectors, among others.

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Rotomolding Market News - Europe

Burgundy-based plastics molder Anvi opens its capital

30/04/2021



Bolstered by a 15% growth rate in 2020 and forecasts of 40 to 50% growth in 2021, the family-owned group is opening up its capital to three investors. The company recently acquired the garden branch of EMSA and is giving itself five years to become an international mid-sized company. ANVI use rotomolding to manufacture its products, among other processes. (Translated from French)

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LILA, the new overhead selective sorting column from PLAST'UP Rotomoulage



LILA is the new aerial selective sorting column developed by PLAST'UP, a french company which carried out a collaborative work with the OCCO teams for more than a year. The column was also developed in partnership with PLASTIUM. Find out more in the video!

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