



Market Monitoring Newsletter

THE ESSENTIAL NEWS OF ROTOMOULDING WORLDWIDE

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Grupo Rotoplas builds rotational moulding plant in Ixtapaluca.

In February, Grupo Rotoplas began construction of its new plant in Ixtapaluca, State of Mexico, strengthening its presence in the Valley of Mexico. This new plant is scheduled to open in the fourth quarter of 2024 and is intended to enhance Rotoplas' production capacity and replace the current plant located in Mexico City.



The facility will also operate as a distribution point for accessories and components for piping systems, and will incorporate advanced and sustainable technology in the manufacture of storage systems. The company, which is dedicated to developing water management solutions in the Americas, said the plant's infrastructure will be distinguished by maximising efficiency in the use of resources such as energy and gas. It will also focus on waste minimisation and adopt systems for rainwater treatment and capture. It will also seek LEED certification to reflect Rotoplas' commitment to sustainability and operational excellence. On the

other hand, businessmen and municipal government highlighted the economic and social importance that this plant will have in the municipality, generating a positive impact at local, regional and national level.

<https://www.pt-mexico.com/noticias/post/grupo-rotoplas-construye-planta-de-rotomoldeo-en-ixtapaluca>

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What is an internship at Pelican?

This winter, Pelican International was fortunate to welcome a cohort of trainees made up of 6 students from different fields of study. Over the past 15 weeks, these 6 students have had the opportunity to live a professional learning experience within the company, and they are pleased to present their experience in this article:



Vincent, a kinesiology student at the Université de Sherbrooke, completed his placement with Luana Baratier, OHS & Training Team Leader; Noémie, a business administration student at the Université de Sherbrooke, completed her placement under the supervision of Valérie Gauthier, CRIA, Director, Human Capital; Justine, an Operations and Logistics Engineering student at the École de technologie supérieure (ÉTS), completed her work placement at Pelican, working alongside Marlene Chartrand, Logistics and Transport Coordinator, and Chantal Légaré, Head of Compliance and Logistics Strategy, in the Logistics Department; Mikael, a mechanical engineering student at the École de technologie supérieure (ÉTS), completed his internship with Pierre-Luc Habel, Project Manager, Methods and Processes, in Pelican's Engineering and Projects Department; Émilie, a marketing communications student at UQAM | Université du Québec à Montréal, completed her internship as a Go-to-Market (GTM) and marketing intern, under the supervision of Isabelle Sirois, Social Media and Community Manager; and finally, Elisa, a mechanical engineering student at Concordia University, completed her internship under the supervision of Claude Thibodeau, Head, Advanced Materials and Processes.

<https://www.linkedin.com/pulse/une-exp%25C3%25A9rience-de-stage-chez-pelican-cest-quoi-vkvre/>

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Canotto Rototec range extension.



Rototec SpA has Increased the range of volumes in the one-piece underground tanks "canotto" ideal for the recovery and storage of water.

<https://www.youtube.com/watch?v=iRdbZSt7lwk>

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Tooling Technology Names Sean Couse as New President.

Tooling Technology, a Tooling Tech Group Company, is thrilled to announce the appointment of Sean Couse as the new company president. Sean Couse takes over from Gary Poeppelman, who has led Tooling Technology for the past 17 years.



Originally joining Tooling Technology as its controller in 2022, Couse's background and experience provide a unique ability to interact with all facets of a manufacturing organization, from finance to shop floor production to collaborating with the sales team to strengthen customer relationships. The company is excited for the future under Couse's guidance and leadership and wish him well in his new role!

https://www.linkedin.com/posts/tooling-tech-group_technology-industrialengineering-automotive-activity-7185987500262219776-SPIL

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Exciting News from ARM Training Academy!

The Association of Rotational Molder (ARM) is proud to launch its new Health and Safety Training Certificate. Led by ARM's Technical Director Dr. Nick Henwood, this comprehensive series covers all key safety aspects of the rotomolding process:



Hazards related to machinery use; Heat-related hazards; Common workplace risks; Mitigating electrical and explosion risks; Risks associated with control & automation in rotomolding; The importance of appropriate tool usage; Safety aspects of material inputs; The importance of PPE; and An overall understanding of best practices to ensure safety in rotomolding. Like the Operator Training certificate program, this series involves videos on each subject and quizzes to test your knowledge, with unlimited retries

to ensure the attendee has got the information down. This certificate is free for all members!*

https://www.linkedin.com/posts/association-of-rotational-molders_announcing-arms-health-and-safety-training-activity-7186091503033712640-t5lx

Rotovia among Fountaine Pajot and Dufour's trusted suppliers.

Rotovia France is proud to have participated in the Fountaine Pajot and Dufour symposium in La Rochelle, in France, as a trusted supplier. This collaboration with these prestigious brands reflects the company's commitment to excellence in the marine industry.



As a leading manufacturer of high quality rotational moulded parts, Rotovia is committed to providing innovative and reliable solutions to meet the specific needs of each project. With its commitment to continuous improvement and its focus on decarbonisation and recycling, Rotovia is ready to support Fountaine Pajot and Dufour in the realisation of their most ambitious projects.

https://www.linkedin.com/posts/rotovia-france_rotovia-fountaine-pajot-dufour-activity-7186960196236181504-0EDy

PERSICO Rotomolding US organize an Open Day in May.

PERSICO Group is excited to announce that PERSICO Rotomolding US is hosting an Open Day at its new building on May 15, 2024 (10:00 AM to 12:00 PM).



This event will be an excellent opportunity for customers and contacts to see the company's new facilities, learn more about its latest offerings and network with its team and other valued customers.

[7187103707749044224-giVe](https://www.linkedin.com/posts/persico-spa_rotomolding-usa-opens-day-activity-7187103707749044224-giVe)

https://www.linkedin.com/posts/persico-spa_rotomolding-usa-opens-day-activity-7187103707749044224-giVe

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Roto Group is embracing a circular economy.

PeCycled is a new trademark from Roto Group for products made from recycled plastic. At Roto recycling kayaks and canoes isn't just a practice, it's our passion.



The company is dedicated to supporting its customers' sustainability goals and preventing old kayaks and canoes from ending up in landfills and rivers. Roto is the pioneer in kayak recycling and received World Canoe Award in Strasbourg 2023 for best canoes, made from recycled post consumer plastic.. Together with its Brand Ambassador Benjamin Savšek, Tokyo Olympic game winner in canoe, Roto promotes activities to keep our planet green. The company is committed to taking back all kayaks, canoe, regardless of their manufacturer, and repurposing them in the manufacturing of future products like garden furniture and

flower pots.

https://www.linkedin.com/posts/rotogroup_pecycled-teamwork-recycling-activity-7188085084669816832-yoIX

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'Simple but incredibly effective' new bird scaring device launched.

Techneat Engineering claims that Rotorscare is a "simple but incredibly effective" bird scaring device. It incorporates a unique split colour rotomoulded vane that spins even in the lightest of breeze.



The new product is available singularly or in packs of five. Delivered fully assembled and ready to use from day one, Techneat says the Rotorscare is set to offer a cost-effective, long-term solution to all crop-feeding pests, including pigeons and crows. Key features of the device include a tough rotomoulded vane in proven colours to deter birds; a hard-wearing, low-friction PTFE washer for a reliable spinning action; a sturdy baseplate for maximum stability, even in high winds; and a zinc-plated stake for longevity.

<https://www.farmersguide.co.uk/arable/weed-pest-management/techneat-launches-new-bird-scaring-device-rotorscare/>

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New installations for 65,000 litre Roterra 2450 tanks.

A 65,000 litre Roterra 2450 tank made by Roto Group was delivered to the city of Thessaloniki in Greece. Moreover, the company has two same tanks being installed in the thermal baths of Bad Elster, in Germany.



The thermal water will be pumped into the tanks during pool cleaning and stored. With the help of its dealers, distributors and shipping agents, the company is able to ship its tanks direct to the final place. Due the elliptical shape of the Roterra 2450 tank, it provides excellent resistance to the vertical pressures of the earth and groundwater. Roterra 2450 tanks start from 20,000 litres and go to 65,000 litres. The 65,000 litre Roterra 2450 tanks are designed to be transported with a semi-trailer.

https://www.linkedin.com/posts/rotogroup_future-teamwork-water-activity-7188542993891565568-eY4f

https://www.linkedin.com/posts/rotogroup_worldwideshipping-transport-dealers-activity-7188798323598794752-Nqjg

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OLIVO Cold Logistics honoured by the visit of the French Minister of Agriculture.

OLIVO Cold Logistics had the pleasure of welcoming the French ministerial delegation, and in particular the Minister of Agriculture, Marc Fesneau, to its stand at the Salon International de l'Agriculture au Maroc 'SIAM'



Lydie Joubert, the company's Area Sales Manager, was very proud to represent OLIVO Cold Logistics, French know-how made in the Loire and the technical nature of the company's isothermal containers.

https://www.linkedin.com/posts/olivo-logistics_siam-marcfesneau-madeinfrance-activity-7188525985560936448-c8qU

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Leaffield Environmental and Amberol UK hold a conference on sustainable development.

Recently, Leaffield Environmental Ltd UK and Tim Troman from Amberol UK were invited to RNN Group UK Dearne Valley site, to give a talk on sustainability.



They talked about fast fashion and how to recycle correctly, they talked about the harm of disposable vapes and how they can be disposed of and recycled correctly. Also how very small changes at home can lead to a better impact in combatting our current climate issues. The students were very interested to see how Leaffield and Amberol use 100% recycled plastic in all their products. Tim Troman took the opportunity to donate a self watering planter to the farming and animal section on a nod to grow their own vegetables.

https://www.linkedin.com/posts/melanie-murphy110_sustainability-activity-7188513184784207872-IVGb

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New dedicated website.



Myers Industries | Elkhart Plastics LLC is thrilled to announce the launch of the new Tuff Series website, bringing you closer to its world of durable and reusable IBC solutions. The website can be visited at the following address : www.myerstuffseriesibc.com.

https://www.linkedin.com/posts/elkhart-plastics_onemyers-rotomolding-thermoforming-activity-7188876917276643328-J2by

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Succesfull event for China Rotomolding Annual Conference.

The 2024 China Rotomolding Annual Conference, co-organized by Rising Sun Rotomolding Machinery and RPC-CPPIA, has officially concluded. More than 220 people from 11 countries participated in this conference, which is one of the largest conferences in history._____



Different from previous China regional conferences, the official language of this conference is Chinese and English, and a one-day seminar by Mr Ian Hansen is added. Rising Sun Rotomolding Machinery is very grateful to the professors from three universities for their speeches, thanks to Lysis Technologies Limited, 493K Ltd, Rory Jones wonderful speech also appreciate to the sponsorship from Matrix Polymers, PolymerLink India Pvt. Ltd. ,which brought us a very rich conference. Rising Sun Rotomolding Machinery received a lot of positive feedback after the conference, saying it was the best rotomolding conference in the past decade, they learned to identify and solve problems. When Rising Sun Rotomolding Machinery decided to host this annual meeting, it always carried the concept of serving the rotomolding industry, let China's rotomolding keep up with the pace of the world.

https://www.linkedin.com/posts/risingsunrotomoldingmachinery_risingsunrotomolding-rotomolding-rotationalmolding-activity-7190260419406581760-JFPY

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Rotomoulded products with foam filling.

PolyProducts presents, in a short video, an example of a cabinet door that is foam filled to increase the rigidity of the door. PolyProducts offers a range of in-house services to complement your rotational moulding needs including polyurethane foam filling.



Foam filling is a process that involves injecting polyurethane foam into the hollow cavity of a rotomoulded product, where the product may require reinforcement/strength, buoyancy or insulation.

https://www.linkedin.com/posts/polyproducts-uk-ltd_rotomolding-rotomoulding-rotationalmolding-activity-7190315780763189248-dMIB

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Research & Patents

The Use of Additive Manufacturing Techniques in the Development of Polymeric Molds: A Review.

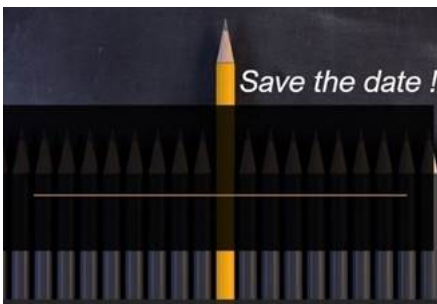
The continuous growth of additive manufacturing in worldwide industrial and research fields is driven by its main feature which allows the customization of items according to the customers' requirements and limitations.



There is an expanding competitiveness in the product development sector as well as applicative research that serves special-use domains. Besides the direct use of additive manufacturing in the production of final products, 3D printing is a viable solution that can help manufacturers and researchers produce their support tooling devices (such as molds and dies) more efficiently, in terms of design complexity and flexibility, timeframe, costs, and material consumption reduction as well as functionality and quality enhancements. The compatibility of the features of 3D printing of molds

with the requirements of low-volume production and individual-use customized items development makes this class of techniques extremely attractive to a multitude of areas. This review paper presents a synthesis of the use of 3D-printed polymeric molds in the main applications where molds exhibit a major role, from industrially oriented ones (injection, casting, thermoforming, vacuum forming, composite fabrication) to research or single-use oriented ones (tissue engineering, biomedicine, soft lithography), with an emphasis on the benefits of using 3D-printed polymeric molds, compared to traditional tooling.

<https://www.mdpi.com/2073-4360/16/8/1055>



6/7 June 2024 -

VIII Conference - Rotopol 2024

Pragua - Czech Republic

<https://rotopol.pl/index.php/en/conference/location>

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13/14 June 2024

ARM & IT-RO Tour of Italian Rotomolders

Italy

<https://rotomolding.org/page/ExecutiveForum>

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17/19 June 2024

ARMA Event

Gold Coast Australia

www.rotomouldconference.com.au

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18/19 September 2024

MASTER CLASS AFR

Lyon – France

Les évènements - AFR [Association Francophone du Rotomoulage]

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24/26 September 2024

ROTOPLAS 2024

Rosemont, Illinois, USA

<https://www.rotoplas.org/>

