Market Monitoring Newsletter

Essential News - Worldwide

Whaly Boats announces partnership with Yamaha Motor Europe (18/11/2025)

Yamaha Motor Europe has entered into a full OEM agreement with Dutch boat manufacturer **Whaly**, known for its rugged, rotationally moulded boats built entirely from high-grade plastic. The five-year agreement covers Yamaha outboard engines EmPowering a variety of Whaly models. Whaly is known for its commitment to simplicity, strength and safety, offering models for leisure, rescue, rental and professional use worldwide. This partnership combines Whaly's versatility, durability, and low-maintenance design with Yamaha's class-leading outboard engines and systems. It enables end customers to enjoy a turn-key boating experience, whether they are using their Whaly for leisure, rescue, transport, or commercial activity. Lightweight, user-friendly and virtually indestructible, Whaly boats offer an ideal platform for customers seeking simplicity, safety and easy handling. Yamaha's marine engineering adds further reliability and performance to the equation.
https://www.yamaha-motor.eu/ie/en/news/2025/new-agreement-with-dutch-builder-whaly-boats/

Chroma Color Expands Rotational Molding Colorant Portfolio Following Spectra Acquisition (20/11/2025)

Building on its acquisition of **Spectra Colors. Corp.**, a supplier of dyes and colorants, in December of last year, **Chroma Color Corp.** is now expanding its range of colorants for the rotational molding sector. According Chroma Color, its rotomolding offerings provide exceptional dispersion, thermal stability, and consistency, helping manufacturers avoid common defects such as streaking, pinholes, and uneven coloration. Additionally, the Corona, CA, facility offers a proprietary resin primarily composed of linear low-density polyethylene (LLDPE), widely used in the rotational molding industry The additional capabilities now available for rotomolders include precise color matching, optimized pulverization of color concentrates to achieve ideal flow properties, and rigorous in-house testing of molds and material and color flow. Chroma Color also now offers cross-linked polyethylene (XLPE) resin formulations that deliver vibrant, uniform coloration along with mechanical strength and impact resistance. XLPE resins are suited for large industrial, chemical, and agricultural storage tanks.

https://www.plasticstoday.com/materials/chroma-color-expands-color-palette-and-more-for-rotomolding-applications

Navigation floats ready for new adventures! (20/11/2025)

A couple of weeks ago, **Ovun AS** delivered three 1500L navigation floats to one of its major clients in the seismic segment – destination Singapore (client name remains confidential). The complete order was produced by Ovun, with the floats rotationally molded at its facility in Åndalsnes, Norway. Each unit is equipped with a navigation box, turtle guard, and mast, and fitted with electronics produced by **Ovun Molde** - including battery, elbox, generator, and solar panel. Final assembly and testing took place at Åndalsnes before shipment. From concept to completion – these folats are designed, produced, and assembled in Norway.
https://www.linkedin.com/posts/ovun_navigation-floats-activity-7397159451016822785---Rx

Tanks made with materials certified for food use (21/11/2025)

At **Cipax**, quality and safety are always its top priorities. For this reason, the company has tested two of the polyethylene materials that it uses in many of its tanks (containers) - and both have now been approved according to EU standard EN 1935/2004 as well as being certified according to **Normpack**. All of its food-grade products will be marked with the glass and fork symbol on the label and clearly stated as food-safe on its website. Every product also has a declaration of conformity (DoC) that can be downloaded instantly.
https://www.linkedin.com/posts/cipax-rotomoulding-plastictanks_our-materials-are-now-food-safe-and-wras-activity-7396864053043675136-wbW4

Matrix Polymers Achieves ISO 14001 Certification in Liverpool & Kolo ! (21/11/2025)

Matrix Polymers is proud to announce that both of its European manufacturing plants Liverpool (UK) and Kolo (Poland) have successfully completed the ISO 14001 Stage Two Certification Audit. Following a thorough assessment**, World Certification Services** has confirmed full compliance, and Matrix Polymers is now officially certified to the ISO 14001 Environmental Management System standard. This accomplishment is the result of exceptional teamwork, strong employee commitment, and the dedication shown by colleagues across both sites. A special thank you to Grzegorz Topolski, Mark Morgan, Daniel Skrycki, and Tim Coward for their outstanding contribution throughout the process. Their leadership and effort have been invaluable. Achieving ISO 14001 is more than a compliance milestone it brings meaningful benefits to its business, its customers, and the planet.
https://www.linkedin.com/posts/%F0%9D%90%8C%F0%9D%90%9A%F0%9D%90%AD%F0%9D%90%AB%F0%9D%90%A2%F0%9D%%F0%9D%90%8F%F0%9D%90%A8%F0%9D%90%A5%F0%9D%90%B2%F0%9D%90%A6%F0%9D%9%F0%9D%90%80%F0%9D%90%9C%F0%9D%90%A1%F0%9D%90%A2-ugcPost-7397606705246924800-7MQg

High-capacity oil separators for a new glass factory (21/11/2025)

In January 2026, the 96-meter chimney of the new **Şişecam** glass factory will be commissioned. This project represents the largest industrial investment in the history of Kaposvár, in Hungaria, with a new 112,000 m² production facility currently under construction. Congratulations to **the Roto Hungary** team for their hard work and contribution to this project through the installation of six Roto Rosep 200 L/sec high-capacity oil separators.
https://www.linkedin.com/posts/rotogroup-hungary-teamwork-ugcPost-7397574682301964288-d_fk

A Big Win for the Most Environmentally Friendly Product in Slovenia! (23/11/2025)

Roto Group is also proud to share that its innovative rainwater collector, RoCube, has received the prestigious award for Most Environmentally Friendly Product in Slovenia. The **Časnik Finance**

Commission recognised RoCube for its outstanding sustainability impact in two key areas: Circular economy & materials and Water conservation. RoCube is produced from recycled polymers, actively helping reduce plastic waste and preserve natural resources. By installing RoCube, users can efficiently collect rainwater and reuse it for gardening, washing, and sanitary purposes. This reduces the use of clean drinking water, an essential step toward responsible and sustainable water management. A big congratulations to the Roto development team for this remarkable achievement!
https://www.linkedin.com/posts/rotogroup_rotogroup-ifeelslovenia-rainwaterharvesting-activity-7398037522527768576-5FJD

Presentations at the ARM-CE Conference 2025 (24/11/2025)

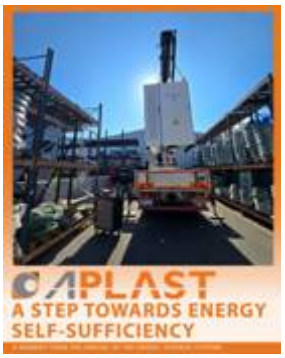
Orex Rotomoulding is proud to share that its Managing Director, Mr. Przemysław Orlik, was speaking at the ARM-CE Conference 2025 in Bilzen, Belgium! His presentation focused on a comparative analysis of test results conducted on gas-powered and electric machine versions. The research led bythe company covered a wide range of parameters, and the conclusions are truly compelling. Organized by the **Association of Rotational Moulding (Central Europe) e.V.**, the event brought together industry experts from across Europe and offered a rich program filled with inspiring presentations and valuable networking opportunities. Moreover, Sadegh Hajiabadi and Marthijn Koorn from **Pentas Moulding** shared Pentas progress in robotic post-processing. They highlighted their new finishing cell with automatic tool change, RFID jig recognition, laser measurement for accuracy, and full integration with their production database for real-time quality and traceability.
https://www.linkedin.com/posts/orex-rotomoulding-rotomolding-share-7398639513155301377-56Ih
https://www.linkedin.com/posts/rotomoulding-automation-robotics-share-7398843862796103680-K-3g/

Visit from Landsbankinn representative at Rotovia Deventer (24/11/2025)

Recently, **Rotovia** had the pleasure of welcoming a representative of its financing partner, Brynjar Ágúst S. Agnarsson, Manager at **Landsbankinn**, to Rotovia Deventer. The visit provided an opportunity to give a brief insight into the operations of the site. Brynjar was welcomed by Kristin Magnusdottir, VP of Finance at Rotovia, and Björn de Grutter, Managing Director of Rotovia Deventer. During the visit, Rotovia proudly showcased its rotational moulding process, demonstrating how its products are made and how the team works on-site.
https://www.linkedin.com/posts/rotovia-rotoviadeventer-cooperation-share-7398689033851219968-6J4_

Powering a sustainable future at Aplast (25/11/2025)

Aplast d.o.o. has successfully commissioned an advanced energy storage system with 500 kW power and 1 MWh capacity - a major step towards greater energy efficiency and energy independence. With this advanced Energy Management System (EMS), the company can: monitor energy consumption in real time, align business processes with electricity prices, reduce grid energy usage and increase self-sufficiency from our solar plants. In recent years, Aplast have installed over 2,800 solar panels with a total capacity of 1.1 MW on its roofs. Together with the solar plant at its parent company **Zagožen**, they operate one of the largest solar energy systems in the Žalec municipality. The energy storage system and solar plant are more than just an investment. They represent the company commitment to sustainable development, lower carbon footprint, and responsible business practices.
https://www.linkedin.com/posts/zagoahsen-weareaplast-sustainability-ugcPost-7398987000609157120-2ZRQ



Persico Group Wins the EY Engineering Excellence Award (26/11/2025)

Persico Group is proud to announce that it has received the Engineering Excellence Award at the EY Entrepreneur of the Year Awards, held at Palazzo Mezzanotte, the historic headquarters of the Italian Stock Exchange in Milan. This recognition, accepted by Claudia Persico, Alessandra Persico, and Marcello Persico, Co-CEOs, celebrates not only the results the group has achieved but also the commitment, innovation, and engineering excellence that drive its work every day. The group tanks its incredible team and collaborators for their dedication and passion.
https://www.linkedin.com/posts/ey-entrepreneuroftheyear-engineeringexcellence-share-7399430848170700800-MiTZ

Polymerlink Group Goes Public (27/11/2025)

On November 25, **Polymer Link Holdings Berhad** officially listed on the ACE Market of Bursa Malaysia, raising RM24.3 million to fuel its next growth phase - and Australia is a key focus. With resin imports on the rise and rotational moulding demand growing, Polymerlink is investing in: A new warehouse in Brisbane, Enhanced fulfilment and distribution capabilities, and Expanded support for our top-performing grades and colours. Polymerlink is proud to see its vision go global - and even prouder to help lead the charge here in Australia and New Zealand. The company thanks its clients, partners, and team for making this journey possible. Let’s keep building, innovating, and delivering together.

https://www.linkedin.com/posts/polymerlink-australia-pty-ltd_polymerlink-ipo-rotationalmoulding-activity-7399585831671488512-ilzM

New project for Floteks Automotive (28/11/2025)

Floteks Automotive is proud to share that the company has been awarded a new project for a rotomolded tractor roof. Its CNC production team is gearing up for a high-performance run to meet its customer's expectations.
https://www.linkedin.com/posts/floteks-subterra-rotationalmolding-share-7400086060418015232-qiXa

Some news from Rising Sun Rotomolding Machinery (28/11 & 02/12/2025)

Rising Sun Rotomolding Machinery is proud to continue its decade-long partnership with **Dai-ichi**, Philippines. The Carousel rotomolding Machine 4A-2000 is successfully completing its on-site acceptance, while other machines are being prepared for global shipment. For ten years, the company has remained a trusted partner and the preferred choice for Dai-ichi. In addition, Rising Sun Rotomolding Machinery is presenting a Carousel rotomolding 3A-1600 which is now in production. One operator is all it takes to run high-speed production of small parts, with every turn precise, efficient, and safe.
https://www.linkedin.com/posts/rotomolding-risingsunrotomolding-rotationalmolding-ugcPost-7400049686939721730-wr0s
https://www.linkedin.com/posts/risingsunrotomoldingmachinery_rotomolding-risingsunrotomolding-rotomolding-activity-7401480087747149825-ogAH

Rotomoulding as it Has Never Been Told (01/12/2025)

ARMO is pleased to present the new issue of WeRoll, the bimonthly magazine dedicated to rotational molding. Each issue of WeRoll explores all fundamental components that contribute to making rotational

moulding great in the world, giving voice to the protagonists of the sector, to the most visionary entrepreneurs, to international designers, to the innovations that technological research is progressively introducing. A new and intriguing way to tell our world, because WeRoll is aimed not only at those who already know the technology but also at those who know little or nothing about it, but are interested in understanding its intrinsic potential. All this in the awareness that only by making the qualities of rotational technology known to a larger number of companies, designers and operators, we create the basis for a progressive growth of the sector and multiply the possibilities of thinking of new innovative applications. This has always been the main mission of ARMO and this will be the challenge on which WeRoll will develop its powerful narrative!
https://www.linkedin.com/posts/armo-global_rotomoulding-as-it-has-never-been-told-activity-7401171194680360960-XswD

A rainwater treatment system certified Remade in Italy (02/12/2025)

ROTOTEC S.p.A. has installed a continuous first flush system for a construction site that required a solution capable of ensuring effective rainwater treatment. The customer's requirements, combined with the need to optimise installation times, led to the choice of ROTOTEC polyethylene (PE) systems, ideal for their practicality, speed of installation and operational reliability. The company supplied continuous systems certified REMADE IN ITALY and compliant with minimum environmental criteria (CAM), guaranteeing high standards of sustainability and quality. The entire installation was completed in just two days, confirming the effectiveness of ROTOTEC's solutions for rainwater treatment.
https://www.linkedin.com/posts/sistemi-modulari-cam-book-reference-2025-ugcPost-7401572543670697986-plUJ

Research & Patents

Investigation of failures in rotational moulding using historical production dataset and machine learning (12/11/2025)

Rotational moulding (RM) is a versatile manufacturing process widely used for producing lightweight, seamless plastic components, but its potential is often constrained by challenges in optimizing production

parameters for diverse product geometries and simultaneous batch production. This study addresses the pressing need for a data-driven approach to enhance RM efficiency and reduce defects under non-optimal process conditions. Leveraging historical production data from a medium-sized RM enterprise, an Ensemble Learning-based machine learning (ML) model was developed to predict failure probabilities across 390 product-process combinations. Input parameters are heating temperature, speed, mould volume, product mass. The model achieved an accuracy of 97.17%, identifying optimal parameter ranges for minimizing defects. The results revealed that deviations between machine and product-specific conditions, particularly in heating temperature and rotational speed, significantly increased failure probabilities. Products with intermediate sizes and masses were most susceptible to failures, while extreme values of mould volume occupancy showed a lower likelihood of failures. Notably, the study highlighted the critical importance of maintaining minimal delta heating temperature and speed ratio disparities to ensure product quality. This approach offers a robust framework for optimizing RM processes without costly sensorization, making it especially beneficial for small- and medium-sized enterprises.
https://link.springer.com/article/10.1007/s00170-025-16925-6

Characterizing the Mechanical, Morphological, and Thermal Performance of Rotomolded Chrysotile/LLDPE Composites (19/11/2025)

This research examines the mechanical, morphological, and thermal properties of chrysotile mineral-reinforced linear low-density polyethylene (LLDPE) composites, produced through rotational molding. The research considered finding the optimal fiber loading for improving composite performance. The analysis of Melt Flow Index (MFI) indicated acceptable flow characteristics up to 12 wt.% of chrysotile but product formation success was restricted to 9 wt.% because of brittleness. Thermal stability and flame retardancy were enhanced with filler loading, with melting temperature and glass transition slightly increasing and char residue growing from 4.38% to 14.51% for 9 wt.% composite. Mechanical testing indicated that 3 wt.% chrysotile exhibited the best result, with tensile strength enhanced by 18%, tensile modulus by 51%, flexural modulus by 36%, and impact strength by 10.5%. Increased filler levels (6–9 wt. %) resulted in decreases in tensile and flexural strength, impact resistance, and ductility as a result of fiber clustering and void generations. Morphological characterization verified even fiber dispersal and excellent interfacial adhesion at 3 wt.%, but not at elevated loadings, which showed clustering and poor adhesion. Overall, the optimal reinforcement level was found to be 3 wt.% chrysotile, which had the best balanced combination of mechanical, thermal, and processing properties for rotationally molded LLDPE composites.
https://link.springer.com/article/10.1007/s13369-025-10856-w

Agenda

Nordic ARM Conference 2026
27-28 January 2026, Stockholm (Sweden)
https://www.nordicarm.org/index.php/pages/nordic-arm-events

StAR Annual Rotomoulding Conference 2026
2-4 February 2026, Delhi (India)
https://www.star2026.com/

Rotomould26 (new dates)
22-24 June 2026, Melbourne (Australia)
https://www.rotationalmoulding.com/rotomould26