



Market Monitoring Newsletter

THE ESSENTIAL NEWS OF ROTOMOULDING WORLDWIDE

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With Paname, Rotomod brings its kayak cross to the Olympics.



The French company Rotomod has been selected by the Ministry of the Economy, Finance and Industrial and Digital Sovereignty for the first exhibition of sport products made in France.

The exhibition, which took place in Paris from 11 to 15 March, was designed to showcase the French companies involved in the **Paris 2024 Olympic Games**. Rotomod was exhibiting the Paname, a cross-country kayak designed and manufactured in France. One year after its launch, the

Paname is proving a great success. With 15 international podium finishes in 2023, including two silver medals at last September's World Championships, it has won over many international athletes. With just a few weeks to go to the Olympics, almost 40 athletes from 20 nations will be competing in this kayak on the Vaires-sur-Marne whitewater basin, near Paris.

<https://www.sudouest.fr/lot-et-garonne/agen/avec-paname-rotomod-impose-son-kayak-cross-aux-jo-18867195.php>

Sebico offers new above-ground water storage tanks.

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Sebico's Pack'Eau range has been extended with the launch of above-ground rainwater storage tanks for private customers.

With this new product, Sebico is increasingly committed to offering practical and effective options for the recovery and management of rainwater, while reinforcing its investment in the preservation of natural resources. These polyethylene rainwater storage tanks offer a practical and efficient solution for the recovery and management of rainwater. Specially designed for domestic use, they are available in two different volumes, to suit individual and family needs: 900 litres and 1,300 litres. These tanks are designed to be easy to install and use. These plug and play solutions can be quickly

installed in a garden, on a terrace or balcony. An installation kit and instructions leaflet are supplied with the product to guide users through the installation and maintenance of the tank. These rainwater storage tanks offer a simple and effective way of helping to conserve water resources. By using Sebico's above-ground rainwater storage tanks, homeowners can reduce their dependence on traditional water sources, such as drinking water networks, while helping to preserve natural resources.

<https://sebico.fr/2024/03/08/recuperation-eau-de-pluie-nouvelles-cuves-de-stockage-hors-sol/>

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Health and cancer prevention projects at Rotovia Miedzyrzecz.



At the Rotovia Miedzyrzecz plant, in Poland, diagnostic tests were carried out among the company's employees in November 2023 as part of an international initiative related to cancer prevention. The '40+ Prevention' and 'Cancer Prevention' projects were implemented as an expression of concern for the health and wellbeing of employees.

The '40+ Prevention' project was aimed at people aged 40 and over, who often forget about regular health checks due to work and life commitments whereas the 'Cancer Prevention' projects included the diagnosis of basic cancer markers. Cancer prevention is key, as early detection of cancer can increase the chances of a full cure. Healthy employees are a key element in the success of the company. The **Rotovia** policy is based on three core values: Share, Care, Can Do which fully reflect its commitment to the employee community and concern for the wellbeing of its employees. In the spirit of the 'share' value, Rotovia engages in health-promoting initiatives, sharing knowledge and providing its employees with access to comprehensive diagnostic tests. The value of 'care' is the foundation of the company for the well-being and safety of its employees : regular preventive check-ups prevent the development of diseases, which translates into better well-being and efficiency for its team. Can Do' symbolises its ability to achieve our goals : the implementation of health and cancer prevention projects among Rotovia Miedzyrzecz employees was an active expression of its commitment to promote health awareness and care for the company's team.

https://www.linkedin.com/posts/rotovia_health-and-cancer-prevention-projects-at-activity-7171776717630509056-qxl

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Improve Efficiency of Rotational Molding Processes With a Technical Audit.



Gaining market share in rotational molding can feel like an uphill battle. Increasingly, molders find themselves competing in a tight market, while navigating disruptions, such as industry consolidation, labor shortages and regional environmental regulations.

One way to stay competitive through the ups and downs of business uncertainty is to regularly audit your rotational molding process. A technical audit can help identify areas of improvement, ultimately leading to higher efficiency and lower operating costs. Product Manager, Bill Christian, who leads M. Holland's Rotational Molding team, shared his approach to improving efficiency in rotational molding facilities, including the process, benefits and outcomes of conducting a technical audit.

<https://www.mholland.com/market-insights/improve-efficiency-of-rotational-molding-processes-with-a-technical-audit>

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A motorbike ready to race with a rotomoulded fuel tank.



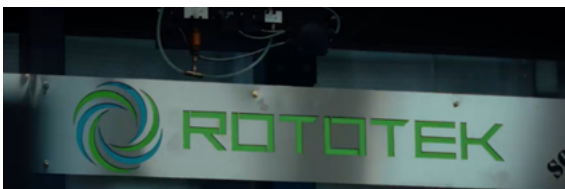
Built by hand and limited to just 100 units worldwide, the 2024 KTM RC 8C is a track-focused machine with a near 1:1 power-to-weight ratio and an impressive spec sheet.

Among its main technical features, the engine is suspended from a custom chromoly tubular frame, with a rotationally molded plastic fuel tank out back that doubles up as the bike’s subframe. You might recognize that combination from the brilliant Krämer GP2-890RR - that’s because the RC 8C is built in collaboration with the German boutique race bike manufacturer. The chassis is wrapped in carbon kevlar bodywork that takes its cues from KTM’s MotoGP contender, the RC16. It also borrows bits of the RC16’s aero package, and is finished in fetching black, white, and orange livery that beats anything on the current MotoGP grid.

<https://www.bikeexif.com/2024-ktm-rc-8c>



Video made to present the Rototek process.



Studio Optic beautifully captured the Rototek’s rotomoulding process, from the initial design stage right through to production and finishing. The Rototek’s team is dedicated to shaping the future of manufacturing, transforming its customers concepts into tangible products.

https://www.linkedin.com/posts/rototek-ltd_studio-optic-beautifully-captured-our-rotomoulding-activity-7174078857312911360-RTzt



PERSICO ROTOMOULDING US is moving to a new building.



In 2023 PERSICO ROTOMOULDING US was founded after the acquisition of Precision Mold Services, Inc.

The new American rotomolding subsidiary merges the qualities of Precision Mold Services, Inc (a rotomolding mold maker from 1999 with capabilities in both CNC mold manufacturing and mold revisions/maintenance/repairs) with the core values of PERSICO GROUP (quality, timing and technical support). With the support of the headquarters, PERSICO ROTOMOULDING US incorporates Italian technical expertise and advanced tool designs into American builds and can offer customers the world-class rotomolds that Persico is known for. PERSICO ROTOMOULDING US is now moving to a new building. More details soon !

https://www.linkedin.com/posts/persico-spa_cnc-quality-rotomolding-activity-7174442307713187841-piU_



Promoting use of recycled materials in rotomoulding industry.



In the context of the 'Global Recycling Day' celebrated on March 18th, Rotovia would like to highlight its commitment to promoting sustainable practices and striving for continuous improvement in production processes. By using recycled materials in rotomoulding technology, Rotovia is making an important contribution to protecting the environment and shaping a more sustainable future for our planet.

Thanks to its versatility and efficiency, rotational moulding technology, allows the use of recycled materials in production processes. The rotational moulding industry is increasingly using recycled materials such as recycled polyethylene (PE) and other resins. The use of post-consumer recycled (PCR) materials is key to sustainability as it saves significant natural resources. The use of recycled materials also contributes to reducing waste and carbon emissions, which is important in the context of combating climate change. In line with its strategy, Rotovia plans to increase the use of recycled materials in its new products to more than 20% by 2028, supporting a closed-loop economy. The plastics of used rotomoulded products are valuable materials and are particularly suitable for reuse in new rotomoulded products. Therefore, Rotovia encourage all leaders in the rotational moulding industry to actively participate in recycling initiatives and to further develop and implement solutions based on the principles of a circular economy.

https://www.linkedin.com/posts/rotovia_design-for-recycling-activity-7175508912756899843-0fwC

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At SIMOP, we like to take out the rubbish!



The waste from SIMOP's factories is as much waste as it is raw material! SIMOP reintegrates all its waste into its equipment. Cuttings and parts with rotational moulding defects are collected, crushed and then micronised to a size of less than 10 microns.

After the micronisation stage, the recycled material is mixed with so-called noble PE before being rotomoulded again. SIMOP uses up to 15% recycled polyethylene in its equipment. This percentage is not an arbitrary choice, but a threshold that enables the mechanical performance of the equipment to be maintained and ensures the excellent resistance of the polyethylene (PE). For accessories, this

percentage reaches 100%!

https://www.linkedin.com/posts/simop_recyclage-usine-environnement-activity-7175486121269719040-Uww0

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Rotomoulded litter bins made from recycled plastic.



Kirklees Council in United Kingdom wanted to remove servicing inconsistency with their Litter Bins by standardising them and chose low maintenance Heritage Square litter bins made by Leafield Environmental.

In 2023, Leafield Environmental was chosen to supply and delivery of over 3,000 Heritage Square Litter Bins over a 15-month period ending in October 2024. Leafield's Heritage Square litter bin matched Kirklees's bin specification and are now located across the Kirklees area. The traditional

rotationally moulded 110-litre plastic bin is manufactured from up to 100% recycled plastic with an enhanced double wall structure for ultimate rigidity and durability. It features a four-way aperture providing all-round access to the liner and a slam shut door with four-point latch for extra security. The Kirklees Council Heritage Square litter bins feature their bespoke logo and silver banding. As part of the agreement, Leafield Environmental have committed to five social values with Kirklees Council. These include Leafield having two student placements through the **University of Huddersfield**, donating 128 recycling bins to local schools in the Kirklees area and supporting Kirklees local community projects. As well as Leafield committing to recycling 375kg of shrink wrap packaging from Kirklees and Leafield using recycled polymer material during the manufacturing process of the 3,000 new litter bins.

https://www.linkedin.com/posts/leafield-environmental-ltd_litterbins-activity-7175793154707607554-RSN6

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Research & Patents

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Processes and technologies in the manufacture of hollow plastic parts.

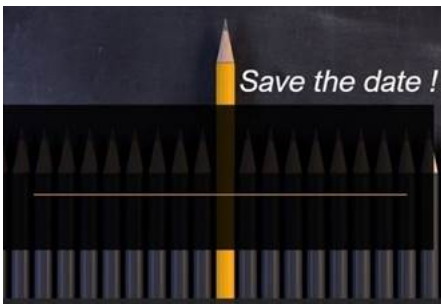


*This article, published in **Plastics Technology Mexico**, describes the main manufacturing processes for hollow plastic parts. From sheet thermoforming to rotational moulding and blow moulding, the author explore each technique in detail to find the perfect balance between efficiency and quality.*

In particular, he we will explore some generalities about hollow part manufacturing processes, which find wide applications in diverse markets such as packaging, construction, automotive, healthcare and agriculture, among others. These processes are essential for the creation of containers ranging from small volumes to considerably large capacities. It is important to note that the intention of this article is to lay the groundwork for future contributions in which each of these implementation techniques can be explored in greater depth and detail.

<https://www.pt-mexico.com/articulos/procesos-y-tecnologias-en-la-fabricacion-de-piezas-huecas-de-plastico>

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J6/7 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/>

