



Market Monitoring Newsletter

ARMO'S ROTATIONAL MOLDING NEWSLETTER

jeudi 28 avril 2022

Research & Patents

Trench and plate boat hull system



An article of manufacture involving a system of molded-in cavities and post-molded cover plates that solve a multitude of problems in applying rotational molding to the construction of plastic-hulled power boats. The article of manufacture includes a body, wherein the body is a plastic molded boat hull comprised of numerous molded-in cavities and molded-in features to create an interior layout that is comparable to a conventional boat built of aluminum or fiber reinforced plastic.

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ROTATIONALLY MOULDED SPA ASSEMBLY



Rotationally moulded spa assembly comprising a top and a bottom, the top being at least partially positioned in the internal space of the bottom, which space is defined by a base wall of the bottom and at least one lateral wall of the bottom, the top and the bottom forming a spa with a double wall comprising a bathing water retention zone which occupies a portion of the internal space of the bottom, and at least one

overflow opening which is provided in the top in order to allow the bathing water in an internal bathing space to overflow from the top into the water retention zone of the bottom.

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Rotomolding Market News - Asia

Guangzhou Bess Product Design Co. manufactures surfboards



Guangzhou Bess Product Design Co. manufactures surfboards. We used rotomolding to make it. Very little material is wasted using this process, and excess material can often be reused, making it a very economically and environmentally viable manufacturing process.

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Rotomolding Market News - Europe

The iconic Bambole chair gets a rotomolded recycled polyethylene shell

13/04/2022



The 2022 version of the Bambole that B&B Italia will present at FuoriSalone 2022, in the showroom in Via Durini, will be similar in every way to the armchair designed by Mario Bellini in 1972, but just as revolutionary. Instead of changing the characteristics of such an iconic object that is still very much in vogue 50 years later, the company has chosen to revisit it from the inside: modifying its features to exploit contemporary technologies and make its production more circular. For the 2022 version, B&B Italia has created a shell in second life polyethylene (98% recycled), produced by rotational molding and empty inside. To this base are added elements of polyurethane foam (70% less than the classic version) and thermoplastic elastomers that design the geometry and define the comfort and breathability. (Translated in Italian)

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Can art really be sustainable ? Cracking art has answers



Cracking Art has redesigned the Telegatto, a decorative cat sculpture, this time as a more durable version. And with what process? The one we use for all our creations : we create the first prototype from which an aluminum and steel mold is then made. This mold is then used to produce the Telegatti by rotational molding, a process that allows you to create a work with the "green" characteristics listed earlier in the article. Rotational molding also requires the use of very little material because the sculpture is empty inside. (Translated from Italian)

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Rotomolding Market News - North America

Diversified Plastics Inc. introduces a new rotational molding oven

13/04/2022



Diversified Plastic, Inc., an international rotational molder based out of Latta, South Carolina, introduces a new rotational molding oven to their facility in Social Circle, GA. The implementation of the new rotational molding oven, will assist in the overall increase of productivity and allow DPI to produce larger quantities of plastic products. DPI currently has 25 plastic product lines that vary from material handling carts to commercial trash containers.

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