

Zeitschrift: Helvetia : magazine of the Swiss Society of New Zealand
Herausgeber: Swiss Society of New Zealand
Band: 40 (1975)
Heft: [4]

Artikel: A new type of boat
Autor: [s.n.]
DOI: <https://doi.org/10.5169/seals-945687>

Nutzungsbedingungen

Die ETH-Bibliothek ist die Anbieterin der digitalisierten Zeitschriften auf E-Periodica. Sie besitzt keine Urheberrechte an den Zeitschriften und ist nicht verantwortlich für deren Inhalte. Die Rechte liegen in der Regel bei den Herausgebern beziehungsweise den externen Rechteinhabern. Das Veröffentlichen von Bildern in Print- und Online-Publikationen sowie auf Social Media-Kanälen oder Webseiten ist nur mit vorheriger Genehmigung der Rechteinhaber erlaubt. [Mehr erfahren](#)

Conditions d'utilisation

L'ETH Library est le fournisseur des revues numérisées. Elle ne détient aucun droit d'auteur sur les revues et n'est pas responsable de leur contenu. En règle générale, les droits sont détenus par les éditeurs ou les détenteurs de droits externes. La reproduction d'images dans des publications imprimées ou en ligne ainsi que sur des canaux de médias sociaux ou des sites web n'est autorisée qu'avec l'accord préalable des détenteurs des droits. [En savoir plus](#)

Terms of use

The ETH Library is the provider of the digitised journals. It does not own any copyrights to the journals and is not responsible for their content. The rights usually lie with the publishers or the external rights holders. Publishing images in print and online publications, as well as on social media channels or websites, is only permitted with the prior consent of the rights holders. [Find out more](#)

Download PDF: 18.08.2025

ETH-Bibliothek Zürich, E-Periodica, <https://www.e-periodica.ch>

A New Type of Boat

With conventional shaped hulls, it is not always easy to obtain a satisfactory compromise between stability, manoeuvrability, load and performance. Now there are many cases, not only in professional and commercial boating but also in amateur sailing, where it is desirable to try and reconcile these different requirements. A Lausanne (Vaud, Switzerland) engineering and construction firm has designed, produced and patented a new type of boat, the "Batosphere", offering several advantages: this extremely stable boat is symmetrical along both axes and practically impossible to capsize; in addition, it retains full and instant manoeuvrability at all speeds. This boat also offers good loading possibilities, has a large gross tonnage, and its centre of gravity can be placed very high; finally, it has a very good power/performance ratio. The special shape of the hull reduces the torsion and flexion stresses experienced in heavy swells and makes possible an optimum distribution of these strains. At the moment, there is already on the market a sailing boat for three people, the "Sferana I" and an electrically propelled boat for lifeguards, the "Sferana II". Trials with a double centre-board, convertible into a dinghy with an outboard motor, the "Bubble", have been successfully completed and this model is ready to go into production. In the field of commercial shipping, preliminary plans have been worked out for lifeboats, platforms for port work and drilling, ferries, tugs and push-boats. The Swiss firm is offering its knowhow and licences to anyone interested in becoming a partner, as well as to shipyards and operators; on request, it is prepared to study and produce production files for all new types of "Batosphere". (SODT)

Novelty In The Transport Of Liquids

A new drum for transporting and stocking liquids, in particular distilled products or fruit juices, has been produced by a firm at Muri (Aargau, Switzerland), specialising in the manufacture of plastic packagings. It is an unbreakable container in low pressure polyethylene, which—being perfectly stable—can be palletised and stored in piles; it can be printed on by means of stencils or provided with labels. For the transport of liquids, the new drum is provided with a sealed lid, which is replaced for emptying by a different lid with a tap; being only 12 mm in external diameter, the tap can fit into the narrow-necked bottles in general use today. Thanks to a new technique, a solution has been found to the problem of emptying the tilted container, an operation that is usually quite difficult to carry out, owing to the fact that when the drum is almost empty, the pressure can only be compensated through the tap, which slows up the flow. That is why this drum has been fitted with a special valve compensating the pressure, fixed in the handle of the container. This method makes it possible therefore to fill bottles very easily and quickly with liquids stored in tanks. (SODT)