

ECOTRAY

ECOLOGICAL. ECONOMICAL. NEW.



HAGEMANN
Systems



THE BEST FOR YOU

As future oriented battery trays manufacturer, we are keen to offer the most suitable product for our customer. This means, constantly monitoring the status quo of the market, identifying potential improvements and, if necessary, researching new options which will bring added values to our customers. Following this policy, we have developed, in cooperation with Hagemann Systems, an innovative tray as a valid alternative to steel trays.

Although the conventional steel tray offers a lot of advantages on paper, in practice several critical issues raise up: The dependence on the steel price, the handling, the heavy weight, corrosion or the lack of sustainability. Therefore we proudly present an innovation that preserves the strengths of the steel tray, without its drawbacks: the EcoTray.

PAYDAY FOR YOU AND THE ENVIRONMENT



The molded form of the EcoTray is unique on the market. In contrast to the steel tray, which requires some energy consuming processes in production such as: Lasering, straightening, sandblasting, welding heating and coating; the production of the Ecotray involves a single process: It is molded in its shape and ready to use.

This lowers the production costs and leads to a much lower energy balance. In addition the Ecotray maintains its functionality two times longer than the steel tray under the same operational demands. And: It is easy to recycle. In order to reuse the Ecotray, it has to be cleaned and shredded and then, it is ready to be reused for a new molded form.





YOUR COMPETITIVE ADVANTAGE

Our new Ecotray scores with many advantages versus its competitors. You will benefit in many different ways! It pays off in terms of price, quality, quick installation and handling. It is also outstanding from an ecological point of view. With the EcoTray, we offer you a product:

Cheaper to manufacture, due to its reduced weight easier to handle and install, uncorrodable , with longer durability and recyclable. As you can see, the EcoTray is a real alternative to the traditional steel trays and will prevail in the future on the market.

ALL ADVANTAGES AT A GLANCE

- FIRST PLASTIC MOLDED TRAY
- VIBRATION-PROOF, IMPACT-RESISTENT
- 100 % ACID-RESISTENT
- EASY TO HANDLE DURING INSTALLATION
- DURABLE
- AVAILABLE IN DIFFERENT COLOURS
- RESOURCE SAVING
- EASY TO RECYCLE





THE ECOTRAY

FROM THE IDEA TO THE REALISATION

The idea for this joint project was born in 2013 and has been pursued very ambitiously since then. From the beginning it was clear that the complex task required expert knowledge about both plastics and specific products. The manufacturing of heavy plastic parts in these dimensions is rare and only a few production companies have a suitable machine park.

Together with technicians and engineers from AIB KUNSTMANN and Hagemann Systems, we have developed a new world of plastic as an alternative to steel. With pride and self-confidence, we can say: The EcoTray demonstrates the innovative power and technical market leadership of AIB KUNSTMANN and Hagemann Systems.

INNOVATION REQUIRES SPECIALISTS

Such a project can only be realized with designated specialists, working with great passion on it. With AIB KUNSTMANN and Hagemann Systems highest know-how for battery-trays meets together with absolute expertise in plastics engineering. Together we are the driving force behind this innovation, which will offer you significant added value in the future.

As experts in rubber and plastics technology, Hagemann Systems support the project especially in terms of production and development, while AIB KUNSTMANN concentrates on marketing and sales. Through the transfer and exchange of all competencies, we place a tray on the market which convinces at all levels. Efficient. Variable. Sustainable.





SHORT INTRODUCTION OF YOUR TEAM OF EXPERTS

AiB KUNSTMANN

AIB KUNSTMANN has been a leading manufacturer of products for the battery industry since 1982. AIB currently employs 200 people at four locations. Over the past few years, the company has established itself as the market leader for trays, racks and cabinets for industrial battery manufacturers in Europe. The portfolio includes steel trays for traction batteries, equipment for charging stations and products for standby batteries.

HAGEMANN
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Hagemann Systems GmbH was founded in 1945. Today, the company develops, produces and distributes rubber, plastic and metal products, as well as composite parts. These products are sold among others to the automotive, energy, electric and railway industries. Hagemann Systems acts as a product and system supplier and offers complete solutions from a single source. High-quality systems, fast response times and a distinctive service requirement characterise the company.



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