



Future Plastic Design Award

Summary

A leading company, in collaboration with Desall, is looking for innovative furniture elements, designed for production through injection molding and manufactured using a single mold, with the aim of maximize manufacturing efficiency.

Official page: <https://bit.ly/Future-Plastic-Design>

Company description

This project is sponsored by a leading company which has currently chosen to keep its brand anonymous.

What we are looking for

We are seeking creative and original concepts for **furniture elements** that blend functionality with contemporary design. These products should be manufactured using **injection molding with a single mold**, ensuring an optimized production process and reduced unit costs. The products will be sold disassembled to minimize packaging dimensions and should be designed for quick and intuitive assembly, allowing users to easily put them together.

Unleash your creativity and present ideas for a collection that embodies innovation, functionality, and exceptional design quality.

Guidelines

To ensure the proper development of your projects, carefully consider the following guidelines:

Project type

You are invited to propose a **single piece of furniture** or, if preferred, a **collection of furniture elements** designed for **home use** and produced through injection molding using a single mold. The product categories include:

- **Furniture** (chairs, tables, shelves, etc.)
- **Objects/accessories** (for desk, kitchen, bathroom, etc.)

The products can be used in both **indoor and outdoor** contexts.

For examples of market-available products aligned with the project brief, refer to the *Inspiration* section of the contest.

Style and aesthetic

The style of the products must be **minimalist and modern**, with a **strong aesthetic component** that emphasizes their beauty without compromising functionality. The visual aspect should be sophisticated and refined but never overly flashy, creating furniture pieces that harmoniously integrate into contemporary spaces while maintaining a distinctive character. Avoid designs that appear low-cost; instead, focus on carefully crafted details and high-quality finishes that enhance every aspect of the product.

Colors

There are no specific restrictions regarding the colors to be used. However, if you design a collection featuring multiple colors, it is essential to select a palette with harmonious and coherent tones to ensure a balanced and appealing aesthetic outcome.

Features/functionality

The products must be designed to guarantee simple and intuitive assembly, using interlocking systems or alternative solutions that allow users to quickly put them together without the need for tools.

Additional elements made from non-plastic materials should be avoided or kept to a minimum.

Furthermore, some components could be designed to be used across multiple products in the collection, offering customization opportunities. Users should be able to easily swap parts with different shapes or colors, adapting the products to their preferences and creating unique combinations.

Dimensions

The dimensions of the proposed products must align with the standard average sizes of their respective categories, ensuring good adaptability to spaces and consistency with market expectations.

The dimensions of the disassembled products must be significantly reduced, enabling compact and optimized packaging suitable for online sales.

Production technologies

The products will be manufactured through injection molding using a single multi-cavity mold, with the goal of increasing production capacity and reducing unit costs. Individual product parts will be molded separately and then assembled by the end user.

Additionally, a single mold, besides containing the various components of a single product, can be used to produce parts for multiple products, further optimizing the production process.

Individual parts must not feature excessively deep cavities to minimize the overall height of the molds. Consequently, the dimensions of the parts along the Z-axis must not be excessive. Larger items (e.g., chairs) should be split into multiple components with limited height.

Materials and finishes

The products must be made entirely of plastic, with the option to use recycled plastic or other types of plastic to promote a more sustainable approach.

Multi-material solutions are also allowed, combining plastic with other materials through a single co-molding phase to achieve innovative functional and aesthetic solutions.

Additionally, finishes achievable during the molding process can be proposed to further enhance the aesthetic value of the products.

Context of use

The products will be designed for indoor home use, but since they are made entirely of plastic, they can also be used in outdoor settings.

Submission materials

Provide detailed descriptions and up to 5 images to effectively present your projects. Images should be in 4:3 format, with .jpg, .gif or .png file formats acceptable. The colour mode should be RGB and the maximum size of a single file should be 1 MB.

You're invited to use the designated field on the submission page to attach a .zip file containing 3D files and high-resolution versions of the project images. The maximum file size for the .zip archive is 100MB.

Judging criteria

When evaluating the submissions, the Sponsor will consider the following criteria:

Degree of innovation 5/5

Aesthetic quality 4/5

Functionality/Usability 4/5

Technical feasibility 3/5

Economic sustainability 3/5

Language

Since we are an international Community, all texts provided with your uploads (abstract, description, tags, etc.) should be written in English.

Contest Timeline

Upload phase:	5 December 2024 – 6 May 2025 (1:59 PM UTC)
Concept review:	20 January 2025 (1:59 PM UTC)
Client vote:	from 6 May 2025
Winner announcement:	approximately by the end of July 2025

Concept review (optional)

Participants have the opportunity to request an optional review of their project by the Desall team by the date indicated above. To do so, they must 1) save their project as a draft from the upload page and 2) send a request to the Desall team via email at contest@desall.com or through the contact form. **This review is entirely optional** and only provides an opportunity for participants to receive feedback but does not constitute a necessary condition for participation or provide any advantage in the final evaluation by the Sponsor.

Eligibility and submission

Participation is free and open to creative talents of any nationality aged 18 or older. Participants may submit one or more projects, but only projects published on the website www.desall.com from the upload page dedicated to the contest will be accepted.

Award

1°: €6000

The selection of the winner by the Sponsor will be the result of an unquestionable evaluation and it will take into account originality, feasibility and consistency of submitted projects with the presented brief.

Extra Award (option right fee)

€2000

Throughout the duration of the option right, the Sponsor offers an additional opportunity to all participants by setting the compensation of €2000 for the purchase of the licence for the economic exploitation of projects not recognized as winning proposals.

For more information, log in and read the [Contest Agreement](#) from the Upload page. For questions about the brief, use the “Have a question” button or write to contest@desall.com.

Submission Guidelines

Project images: the first image attached from the upload page will also be used as the preview of the project in the gallery. In order to better present your project and draw the attention of the sponsor, we suggest you to choose a content that provides an overall idea of the whole project in one single image, briefly including all the contents that will be further presented in the following images.

We also suggest you to use all five image slots available from the upload page of the contest and - where possible - to present several views of the project giving also an indication of the main dimensions of the product.

For product design contests in particular, we suggest you to include at least one image with your project on neutral background and no writings.

For the rendering and presentation of your project, the use of copyrighted images, even if slightly edited, is prohibited.

In case of using materials owned by third parties (ex. stock images, stock videos, texts, etc.), make sure you are granted all the licenses needed for participating in the contest, as further specified in the Contest Agreement.

In case of submitting multiple projects or concepts, you have to repeat the upload procedure for each project: do not submit multiple projects with a single submission.

You are required to upload at least 1 image; image ratio: preferably 4:3; allowed file formats: .jpg, .gif or .png; colour mode: RGB; maximum file size: 1MB.

Descriptions: we suggest you to use the appropriate fields, “Abstract” and “Description”, to include all textual information about your project. We discourage you to include textual description inside your images, as they might result difficult to read (at all events, we suggest you to include at least one image - if possible - with your project on neutral background and no writing). In the “Abstract” field you have maximum 500 characters to include a short summary of your project while in the “Description” field you can include all the remaining information.

Additional material: in addition to the project images, you are invited to attach further materials in a .ZIP archive (NO other file extensions are allowed, such as .RAR) through the “Archive File” field on the upload page. Among the various materials, you may include CAD files, PDF with further descriptions on the project, photos of any models or prototypes, high-resolution images of the project images and 3D files (preferably in .stp or .igs format - you may also include a PDF 3D file for a rapid visualisation). The maximum size of the .ZIP archive is 100MB. You may also attach a video presenting your project through the “Video File” field from the upload page, including it inside a .ZIP archive with a maximum size of 50MB.

Concept revision: revision of your project by the Desall team. In order to request a revision, upload your project including the description and save it as draft (SAVE DRAFT) from the upload page and send your request to the Desall Team via e-mail or through the contact form. The revision is NOT mandatory: it serves only as a further opportunity for the participants but does not constitute a condition for participation, nor does it constitute any advantage in the final evaluation.

Hidden option: only in case of public gallery contests, you can submit your project with “hidden” design privacy option, provided that you submit your project within the first half of the upload phase. By doing so, your project will remain hidden for all other users until the opening of the Community Vote, if any. At all events, your project will always be visible for the Sponsor regardless of the submission date. This option is automatically disabled once the first half of the upload phase has expired: you can find the deadline for activating this option in the Optional deadlines paragraph inside the brief.

You can find further instructions on how to create your account, how to submit your project and other information in the [Tutorials](#) and in the [FAQ](#) sections.