

MODERN FURNITURE DESIGN TRENDS

DESIGN STAGES

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Abstract:

Brief information about the trend of modern furniture design is given, the functionality and requirements of the furniture are considered. Technical requirements for the furniture project, initial design solutions are defined.

Keywords

Trend, functional, element, interior, material, technical, modern furniture, concept, cabinet, shelf, material, specification, convenient, designer, solution, stylistic, artistic.

Introduction

Furniture design is a creative process of creating your imagination in the interior, where you can fully express your originality and individuality. Modern trends in furniture design show that the interior is a harmonious composition of interior elements with the characteristics of equipment.

This is the uniqueness of the professional layout and ideas that create harmony in the interior, where every element is in its place and pleases the eye with its appearance. Furniture design allows you to see the future situation at an early stage and remove unnecessary things, leaving only the best and necessary things.



Fig. 1. Bionic style furniture design.

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A constant trend in furniture design of our time is a large number of open shelves, niches and shelves. A distinctive feature of wardrobe furniture is the absence of a clear division into upper and lower shelves, random changes of open and closed, wide and narrow cells.

Today, furniture design, despite wide-ranging differences, strives to meet the basic requirements of its consumers. The appearance of furniture requires high-quality materials, as well as functional, ergonomically comfortable forms and aesthetic appearance.

The uniqueness of design creativity in creating a new product is that it includes different types of design that work as a single creative process. Before designing a piece of furniture, it is necessary to determine and analyze the social, functional, ergonomic, technological and other requirements for this piece of furniture, as well as the principles and conditions of its interaction with people and the environment. All these conditions and requirements should be reflected in the furniture project.

The creative design process can be expressed as the sequential execution of a furniture project to achieve the expected result. It can be considered the stages of creating a project as a logical development of design thinking in the interaction of internal and external design factors.



Fig. 2. Unusual furniture design.

Exterior design involves creating a creative concept. In doing so, issues related to clarifying the purpose of the structure, studying the characteristics of the external environment and its interaction with the materials being created are solved.

Before finalizing the furniture project, on the basis of the analysis, at the first stage, a conceptual solution for the interior is developed and a design specification is drawn up, which includes the main requirements for its interaction with the external environment.

Interior design includes preliminary, technical, and detailed design phases, as well as prototyping, testing, and fine-tuning. The purpose of interior design is to develop a project in accordance with the accepted concept and external design requirements.

The main requirements for the furniture design project:

- creating a new aesthetic form;
- harmony of style and colors;
- creation of ergonomic facilities;
- ensuring safety, ease of use and cost-effective production;
- ensure compliance of the equipment with technical functions and the possibility of its implementation;
- use of natural raw materials.



Fig. 3. Unusual table design.

Technical proposal. It is being developed in order to find options for artistic and design solutions in accordance with technical requirements. At the technical proposal stage, the following works are carried out:

- data collection and study;
- determination of the main structural and finishing materials;
- development of graphic works reflecting the selection and options of art-design solutions;
- reviewing the technical proposal and agreeing with the client.

The graphic materials of the technical proposal must contain images of product options that give an idea of the main parts of the product and the interaction of the principles of operation, dimensions and other information applied to the image. The procedure for preparing graphic works of the technical proposal is determined by the developing organization. The customer's approval of the technical proposal is the basis for the development of the preliminary project.

Initial design

It is designed to create artistic and design solutions that provide a complete understanding of the shape of the product, its components and the main design solution, which allows you to understand the structure and principle of operation of the product. They connect the developed product with the interior, determine the stylistic direction of the product, its functionality, determine the overall dimensions and other parameters.

At the project stage, the following works are performed:

- development of the accepted version of the artistic design solution of the product;
- production and testing of a model or experimental sample.

The main document of the initial project is the artistic and design overview, which should contain:

- description of the product (types, sections, sections, extensions); dimensions and other information applied to images; the part necessary to understand the artistic design solution (color, texture, etc.).

Technical project

It was developed in order to implement the final technical and design solutions that provide a complete understanding of the initial data for the development of the structure of the product under development and working documents.

Now the basic concept of soft furniture design is changing. According to a number of designers, very large upholstered furniture makes the space heavier. And yet, despite this concept, soft furniture does not lose its value. A lot of useful things in furniture can be attributed to the design features of folding shelves, side tables, upholstered furniture that increase the functionality of ordinary sofas and armchairs and create additional comfort.

Open shelves, niches and racks are a constant trend in the furniture design of our time. Currently, furniture design, despite wide stylistic differences, strives to meet the basic requirements of its consumers.

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