

MILLING OF WOOD AS A MODERN APPROACH OF TECHNOLOGY IN CHINA

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До двадцять першого століття. люди, здебільшого, не втратили ту природну і первісну любов до дерев як природних, живих і благородних матеріалів і процесів виробництва сучасності, ми окреслили нові аспекти підходу до формування утилітарних предметів побуту та меблів. . Фрезерування – це сучасний та ефективний процес, який дозволяє за короткий час вирішити багато складних завдань форматворчого дизайну, зокрема меблевої продукції в Китаї.

One such aspect is the milling and solid modeling - a modern and efficient process, which allows a short time to solve many complex problems in formative design, particularly furniture products in China.

Services in milling are usually conducted in the following areas:

- Art processing of wood for furniture production (simple and complex facades lining the furniture, exclusive furniture items with intricate carving), carved symbols, logos volume of wood and elements and interior elements, bas-reliefs, chandeliers, staircase, carved cornices, wooden sculptures.

- Finish exterior wooden houses (curly trim on the doors and windows with continuous thread, decorative items for decoration of wood. Due to the advancement in the field of electronics and technology design and manufacture of high-tech steel products and fast. This, in turn, makes it possible to implement virtually any design-idea.

As the scanning laser exposed prototype products, it can be made from almost any material (plaster, foam, clay sculpture, wood, MDF). Recently laser scanner is increasingly used in woodworking as a way of getting programs to complex products for milling machines. It is the creation of copies of handmade goods, vintage and antique items and their fragments, pieces of furniture with highly carved wooden panels, interior trim and more.

Thus, in China, at all stages of development and design of models work on products takes place at constant improvement relations between form and function, design and manufacturing technology. In this sense, modeling forms virtually no observable visual boundaries in the material world. His influence extends further into the area of the virtual.

Something about key-cutting machines: they are designed to replicate carvings on wood. Such machines have up to 16 working spindles. Among the China's leaders in the production of these machines can be called the company Lisao Bang, Taharata in China.

On many machines, prototyping scanning mode is provided by Matsushita Electric Company. Laser scanning device intended for scanning are already finished products in order to obtain a mathematical model for the copy milling of the product in different branches of China's industry.

Milling process of wood is relevant and recent years have increasingly used in the design of furniture design in China, Japan, South Korea and Vietnam.