

## The Technology Of Creating Topiary Compositions With The Participation Of Ornamental Shrubs - Frame Topiary In The “Green Art” Style

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### ABSTRACT

To create a unique design on your sites, in parks, recreation centers, playgrounds, to create amazing entrance groups, you can use landscape figures - topiary. Using decorative figures, depending on your wishes and fantasies, you can create fabulous corners for children using the figures of fabulous characters; picturesque corners with animals, creating whole compositions: for example, using a family of bears, rabbits or roe deer, you get an exceptional view of your site, which will delight you and your guests throughout the whole season; cozy corners with benches, etc. The fashion for ornamental gardens, ponds and rocky slides will never disappear from our garden plots. Cutting shrubs and trees in the form of various shapes is now in vogue. Interest in topiary art today is starting to gain momentum more and more, exhibitions of landscape art cannot do without elements of topiary compositions.

### KEYWORDS

Landscape design, ornamental gardening, topiary art, ornamental shrubs, creation technology, gardening, selection of assortments, ornamental shrubs, pruning, evergreen boxwood, camel, laurel noble, holly, representatives of the myrtle family, yew and privet.

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## INTRODUCTION

The art of utilitarian and artistic plant molding originated thousands of years ago. According to the surviving images and ancient texts, green sheared walls, volumetric geometric shapes and living skillful sculptures formed by topiary gardeners from various tree and shrub plants, mainly boxwood and cypress, became widespread already in the gardens of ancient Greece and Rome. You can also remember the practice of growing dwarf clipped trees - bonsai, which appeared in China, according to some sources, about 2 thousand years ago. Shrub sculpture (topiary, rarely topiary) - curly haircut of trees and shrubs. One of the oldest gardening arts. Masters of topiary art can give plants various forms, for example, animals,

architectural structures, people, etc. The English word "topiary" comes from other Greek. τόπος - place. It denotes patterned or imaginary figures for the landscape. In Latin, topiarius meant gardener, topiaria meant gardening art.

According to the resolutions of the Cabinet of Ministers of the Republic of Uzbekistan No. 59 of March 9, 2009, the "Rules for organizing the improvement of settlements taking into account modern architectural and urban planning requirements" and No. 223 of August 19, 2013 "On approval of the landscape design development program in the Republic of Uzbekistan" were approved. strategy for the development of green building and the introduction of landscape design techniques into it.



Figure 1. Examples of topiary compositions from decorative conifers

### THE MAIN FINDINGS AND RESULTS

The art of frame topiary is also gaining momentum in the Republic of Uzbekistan. As an example, we can cite several worthy exhibits from the I International Festival of Landscaping Art in the city of Tashkent (Fig. 1).

At this exhibition, we could contemplate the figures created by us, both from living decorative trees and flowers, as well as from an artificial lawn. The idea to create the shapes of the frame topiary came to me from the pages of the European landscape and

architecture. So we decided to create several figures of this flow.

The technique we recommend for those who want to create topiary with their own hands even faster, without waiting for a slow-growing boxwood or other shrub to grow, and call it – “Green Art”. There are 3 options in this direction.

1. Classical or traditional
2. Wireframe
3. Frame with filler or “Green Art”.

Green sculptures can be obtained not only outdoors, but also indoors. You can also create both from living natural plants and flowers, as well as from artificial material (Fig. 2). To do this, you just need to choose the necessary frame structure, depending on your preferences. You can make a frame support from willow rods, wire or sticks. Or you can buy the figurine you like in the store.

By using a support of the desired shape (for example, a pyramid or heart-shaped), you can

get a green figurine that will organically complement your design in the future. It can also be a great gift for friends and family. Sometimes it is very difficult to believe that topiary is a completely feasible task. But this is not the case. If you have patience, then you can create, in the words of Wikipedia, patterned or imaginary figures for the landscape no worse than professionals.

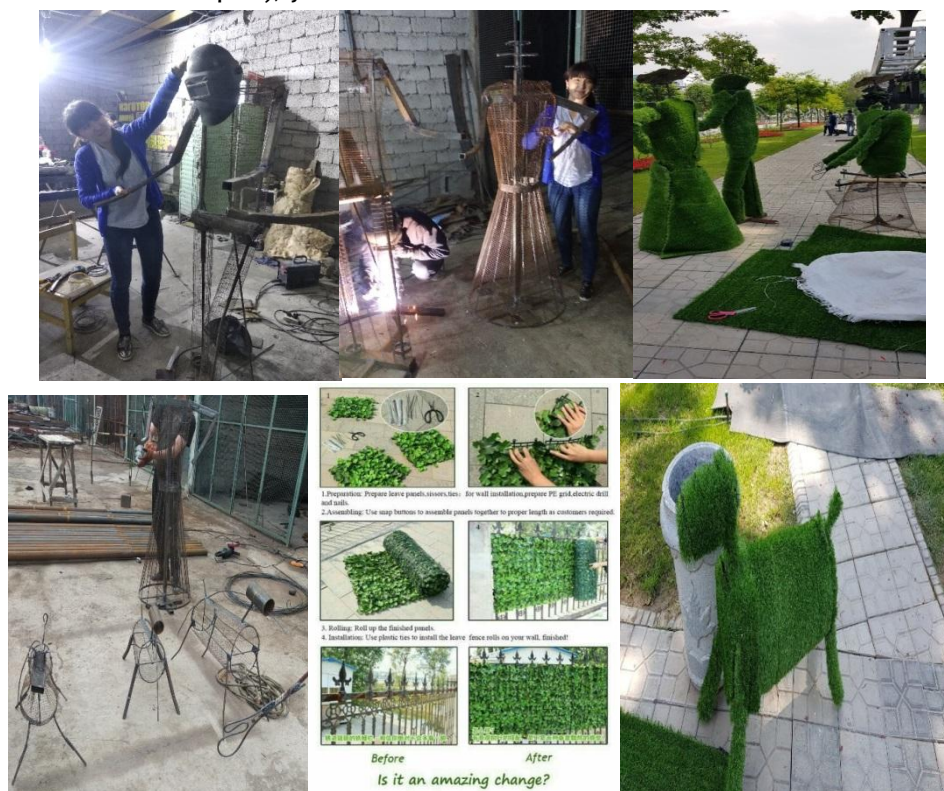


Figure 2. The process of creating wireframe topiary figures

The option we offer is even simpler, even a filler is not required for it. The wire frame is installed in the right place. Then, using artificial materials (artificial turf, grass, flowers, screed) we decorate our structure, the whole frame is braided.

We also offer another method of wireframe technique, which is as follows:

1. A wire frame is put on a growing young shrub and fixed in the ground.
2. As the plant grows, its branches are directed to "unfilled" forms, for example, paws or tail.
3. And when the growing shoots of the bush begin to go beyond the forms, they are trimmed.



4. After the plant fills the entire frame, it can

be removed and reused for another plant.

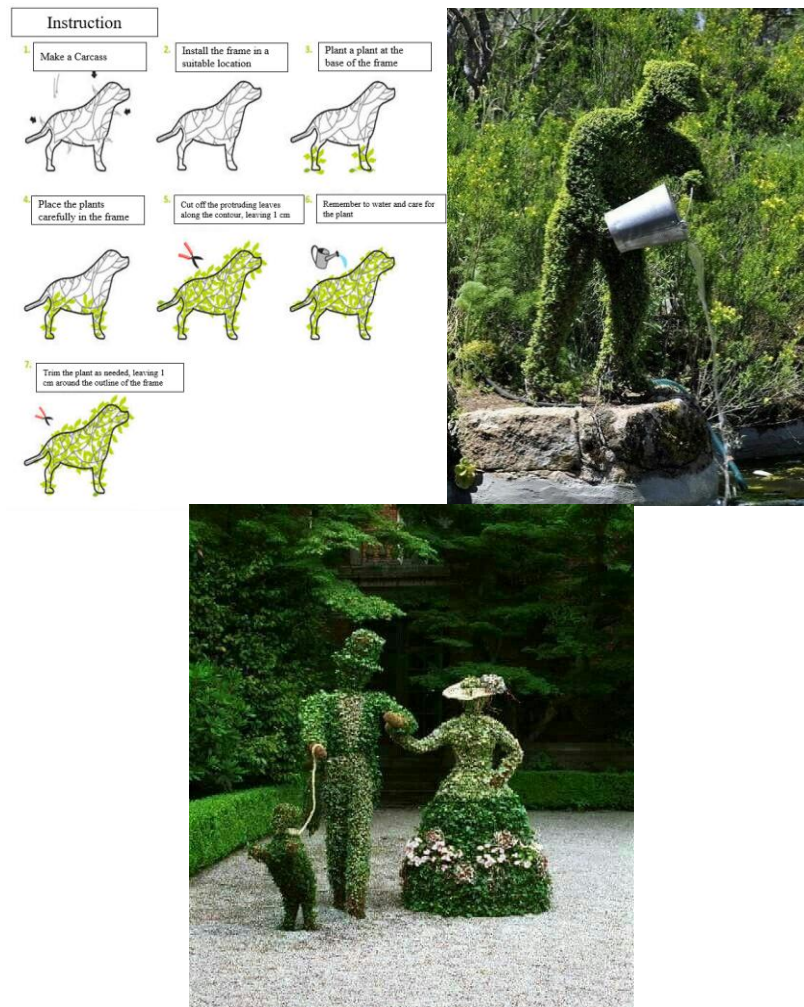


Figure 3. The process of creating topiary compositions from ornamental shrubs

Frame topiary allows you to get the result in a shorter time, and, moreover, does not require professional skills in cutting plants, even an amateur in this area can handle it. Thanks to this, topiary figures, previously available only to the elite, became available to many amateur gardeners, so the frame technique very quickly spread throughout the world.

As a result, a real topiary appears, which cannot be distinguished from the traditional one, created without a frame. When starting to trim shrubs, you need to keep in mind that you cannot do without a certain amount of

patience and skills. You also need to know that topiary art should be combined with the landscape of the territory and the entire architectural complex.

The formation of the crown must be constantly dealt with - this is the main condition for obtaining a decent result. The optimal time for pruning is February. Using modern technology and centuries of experience, you can create an original and stylish design for any garden area.

Landscape figures of artificial grass topiary are made with maximum realism and closeness to the originals (Fig. 4). At the beginning of the creation of the shape, a sketch is drawn with the drawing of small details. A strong frame is created from metal or fiberglass. On top of the finished structure, artificial grass is carefully glued by hand. For the production of

a decorative figure, high-quality artificial grass is used, imitating natural grass, with high wear resistance with the addition of UV stabilizers. Thanks to this, landscape figures are realistic, high-quality, resistant to external environmental factors, and do not fade in the sun.



Figure 4. Artificial turf frame topiary elements

## RESULTS

The creation of topiary forms in the garden begins with choosing a place, then a plant or material for decoration is selected and a template is made from a metal mesh, decoration is performed and a work of art is created. Plants most commonly used in topiary art are evergreen shrubs and trees with small leaves or needles, producing dense foliage and characterized by the ability to grow compact or

columnar (eg, conical). The main types traditionally used for curly hairstyles include evergreen boxwood, camel, laurel, holly, members of the myrtle family, yew and privet. Trimming and trimming are absolutely two

different techniques, and this should always be remembered. Trimming is done for figures of complex shapes, haircuts - when you need to create a flat surface.

Pruning is done with pruning shears (Fig. 3). The length of each branch is calculated personally in accordance with the idea of the topiary master. In the case of a haircut, all branches are cut to the same length. When trimming, you can use garden shears or hedge trimmers. The ideal time for pruning is March and trimming is done while the shoots are growing.

The discussion of the results. We have proposed two techniques for creating a frame topiary. The first proposed technique, of course, is much lighter and more progressive, but the choice, of course, is up to the

landscape designer and the customer. It is for this reason that we have proposed the second technique, which is suitable precisely for those beauty connoisseurs who prefer everything natural and handmade. It should also be emphasized that there are a lot of gardeners who prefer to create sculptures themselves and take care of them directly. A sculpture made from a sheared hedge can be of various shapes. In sunnier climates, rectangular and square hedges can be seen. In the middle lane, such a haircut cannot be made, otherwise the lower branches will not receive additional light and will begin to become bare. Fences with a bare bottom look unattractive.

Cutting hedges must be done so that the sides are at 10 degrees. The shape can be triangular, round or trapezoidal. But, if this is a low curb, then you can make its sides vertical. But be aware that keeping a flat-topped hedge is much more difficult than a rounded or sharp-topped hedge.

## CONCLUSIONS

Foreign and domestic experience in the creation and operation of city parks and gardens indicates the development of a number of new trends. They are associated with the awareness of the huge ecological role of green spaces for recreation, as well as with the emergence of the latest technical means of forming park landscapes, the rapidly changing external environment of gardens, parks and their integration with urban structures. There are more and more new varieties of objects of landscape gardening, reflecting the growing cultural needs of the

population, the interests of various social groups, tastes and preferences of different people. The search for means of original expressiveness of landscape architecture objects continues. Our Motherland is also a fairly developed country, with developing architecture and landscape design, therefore, we believe that this type of landscaping is acceptable in the landscape design of Uzbekistan.

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