

**Art. 015730 CASTELLO DOLOMITI**

689 x 686 x h 465 cm

1075 x 1000 cm

3 - 14

HIC max cm: 209

Multifunctional large hexagonal tower composed by two floors with spaces dedicated to playgrounds positioned at 23 and 200 cm from the ground, ladder steps with balustrades figurative side panel and banquetts for the role play, slides resin 400 cm long, 6-foot roof streamer. The tower includes a swing with stainless steel chains and a multipurpose gymnasium including: climbing net, tilted back, rope climb, rings crossed over rotating climbing and climbers. The structure of the playground is made of wood of 90x90 mm thick sections contrasted with galvanized steel bracket to fix the playground to the ground. All the hardware is made visible stainless steel bolting and is embedded in the wood and polyethylene with a protective cap. The color of the playground is specifically designed for insertion into the nature of public parks and schools.

All wooden parts are realized in Abilam-pine wood that comes from controlled forests, according to the EN 351 standards, autoclave treated with water repellent EXTRA-COAT and UV protection.



The production cycle of this article is completely without CO2 emissions.

**LEGNOLANDIA FOR THE ENVIRONMENT**

551 tons of CO2 avoided every year thanks to:

- Thermic energy from renewable sources
- Wood at 0 Km
- Electric energy from renewable sources
- Recyclable materials
- Waterbased varnishes

with this article  
you avoid:

**-117,20**  
Kg  
CO<sub>2</sub>



## Our philosophy for the environment

In respect of nature, in the last century we have organized a production cycle in our factory that uses only clean energy, all deriving from natural renewable sources. In our forests we have found the formula that allows us to respect and preserve environmental balance through reducing emission of carbon dioxide CO<sub>2</sub>. Legnolandia avoids every year harmful emissions of 600 tons of CO<sub>2</sub> thanks to the five important elements of savings, all participating in the final result.

**- 600.000**  
Kg  
CO<sub>2</sub>

### THE THERMIC ENERGY

In our production process thermic energy is derived from a modern biomass plant which is fueled by our wood processing waste. The burning of the biomass closes a natural cycle which does not increase the concentration of carbon dioxide in the atmosphere (greenhouse effect). This makes the difference to the use of fossil fuels such as coal, gas or petroleum that release the CO<sub>2</sub> stored in plant tissues billion years ago, along with other pollutants as nitrogen and sulfur oxides and fine particles.

### THE RAW MATERIAL AT 0 KM

Our wood comes from the certified Carnian forests in the Friulian Dolomites and is subject to controlled withdrawal. This makes the difference to manufacturers who use raw material transported by road from Scandinavia or other countries with the resulting CO<sub>2</sub> pollution.

### ELECTRIC ENERGY

We get electricity from local hydropower plants, with no harmful emissions at all. This makes the difference to those realities which are linked to a nationwide network of fossil fuel plants, that are real sources of environmental pollution.

### THE RECYCLING

Our materials are nearly 100% recycled or recyclable, such as polyethylene, steel, wood and rubber. This makes the differences with those factories that do not work in this way.

### WATER BASE PAINT

To colour our products we use unarmful varnish based on water. That makes the difference with other manufacturers that use synthetic paints with considerable harmful emissions.

### 1 Thermic energy from renewable sources



We are associated to the Federation of the European Play Industry.



Legnolandia joins the forum Weisstanne - Silver Fir  
[www.weisstanne.info](http://www.weisstanne.info)



Our timber, silver fir and pine, grow in controlled and certificated forests.



We are associated to Edilegno Arredo Federlegno, the national wood association.



We are certified by Quality System UNI EN ISO 9001 and Environmental Management UNI EN ISO 14001

### 2 Wood at 0 km

### 3 Electric energy from renewable sources

### 4 Recyclable materials

### 5 Waterbased varnishes



**LEGNOLANDIA**

[www.legnolandia.com](http://www.legnolandia.com)