

Art. 011574 TREE CASTLE 6		LINE:	Trees
↓ 405x631 h328 cm	739x927 cm	↑ 2 - 8	HIC max cm: 150

Tree-castle with two treeformed towers with roofs. Easily accessible also for toddlers by a wooden ladder with handrails. The wide platforms are posed at 100 and 150cm from the ground. The castle includes: a 310cm polyethylen slide, a figurative panel for logical play, a transparent panoramic porthole. The two trees are connected by an inclined bridge with lateral net protection. The trunks of the trees are made of laminated wood 18x50 cm with 9 cm thick branches. Ground connection by a galvanized steel bracket which keeps the timber lifted off the ground. The raised platforms are made of laminated beams section 9x9 cm and 3.5 cm thick planks. The panels that make up the crown are made of laminated wood thickness 27 mm with decorations and windows.

The colour of the game is specifically designed to be inserted correctly into the natural areas of public parks, schools and parks.

All wooden parts are made of FSC-PEFC certified Pine or Silver Fir wood, according to the EN 35 standards. Pressure treated with water repellent EXTRA-COAT and UV protection and ecological water-based coloured paint . Complies to EN 1176.

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

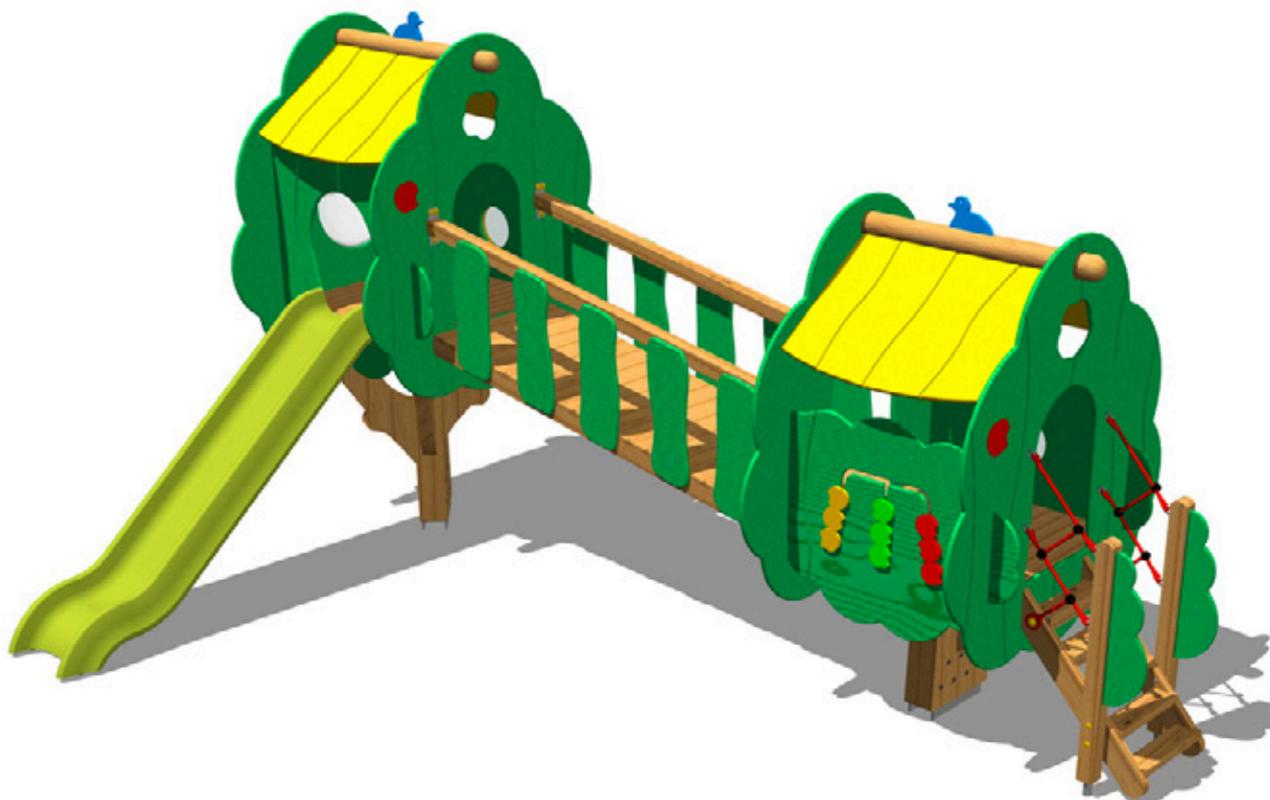
LEGNOLANDIA FOR THE ENVIRONMENT

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:

-1.515,00
Kg
CO₂



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 CO₂. Legnolandia avoids every year harmful emissions of 515 tons of CO₂ thanks to the five important elements of savings, all participating in the final result.

- 600.000
Kg
CO₂

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 CO₂ 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 CO₂ 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

2 Wood at 0 km

3 Electric energy from renewable sources

4 Recyclable materials

5 Waterbased varnishes



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



Legnolandia joins the forum Weisstanne - Silver Fir
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



LEGNOLANDIA

www.legnolandia.com