

ST FOREST 1



Physical Social-emotional Sliding down Sitting Climbing Socialisation Balancing Shelter Getting across Resting

Description

The **ST FOREST 1** is a unique attraction that can become the centerpiece of any playground. The structure encourages children to climb, engage in active play, and explore, supporting the development of motor coordination, strength, and spatial imagination. Its robust construction, safe materials, and geometric design make the playset ideal for public, school, and residential playgrounds.

The **ST FOREST 1** consists of two interconnected spherical structures and one long tube slide. Each sphere is an Archimedean solid and, thanks to its octagonal symmetry and radially equilateral construction, forms an exceptionally stable structure that ensures the highest level of user safety. A single spherical structure features 24 identical edges formed by structural tubes made of **AISI 304 stainless steel, powder-coated**, with a diameter of 88.9 mm and a wall thickness of 3.2 mm. The structural elements of the spheres are connected in an innovative manner using internal connecting sleeves, which provide a strong and secure connection between components. As a result, the structure remains stable even during intensive play involving up to 19 children.

*An optional version with stainless-steel slides is also available.

Playground device consists of

- 4 supporting posts for the main structure
- 3 slide support posts
- 1 long curved tube slide
- 8 triangular milled panels
- 2 porthole openings
- 1 square milled roof panel
- 2 internal triangular entrance ramps
- 4 square climbing panels
- 1 black rubber resting platform
- 4 triangular steel plates with openings
- 3 steel mesh panels
- 1 steel tunnel
- 24 corner connectors

Technical Data

- Dimensions (LxWxH): 4.07 × 3.83 × 4.62 m
- Safety area (LxW): 7.50 × 6.60 m
- Maximum fall height: 2.18 m
- Age group: 4+
- Number of users: 19
- A certificate confirming compatibility with norm EN 1176
- Dimensional tolerance: ±5%

Materials

- Structure made of powder-coated **AISI 304 stainless steel**, tubes Ø 88.9 mm, wall thickness 3.2 mm
- Mesh elements (walls and tunnels) made of corrosion-protected, powder-coated steel
- Fasteners made of stainless steel
- Triangular milled panels made of 15 mm HDPE
- Polypropylene ropes Ø 16 mm, reinforced with a steel core; UV-resistant and flame-retardant
- Platform in black, made of fiber-reinforced EPDM rubber
- Entrance ramp made of steel covered with anti-slip HPL panels
- Slide made of rotomolded HDPE in RAL 6018 (dominant color) and RAL 2004
- Wall panels in green and orange made of 15 mm HDPE
- Modular assembly system based on repetitive elements and corner connectors
- Steps in the internal ramp made of anti-slip HPL
- Windows made of 3 mm polycarbonate

All images are for illustrative purposes only and may vary from the actual product.



