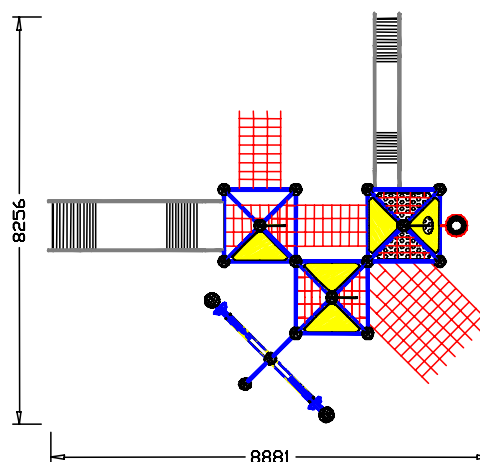
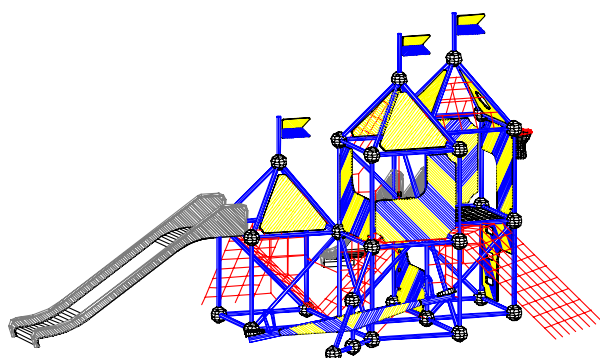




Product Specification

- Product Family** : QuadropolisPlay Constructions
Product name : Listburg
Item number : 90.150.021.001
Children's age : 5+
Fall Height (EN1176) : 2.4 m (7'-11")
Dimensions: Length, width, height : 8.9 x 8.3 x 4.7 m (29'-2" x 27'-2" x 15'-4")
Protective Surfacing Area required (EN1176) : 12.4 x 11.3 m
Protective Surfacing Area required (ASTM 1487) : 12.9 x 12.3 m (42'-2" x 40'-2")
Minimum space required : EN1176: 76.1 m² / ASTM 1487: 97.6 m²
Number of foundations : 18
Concrete Volume C20/25 (3.000 psi) : 1.9 m³
Number of skilled installers required : 2
Installation time without foundation : 10 hours
Dimensions of largest part : 0.6 x 0.7 x 4.0 m
Weight of heaviest part : 100 kg
Freight volume : 9.2 m³
Gross weight : 1070 kg
Spare part guarantee : Lifelong
Certificate according to EN 1176 : No.: Z2 99 08 10256 181 – TÜV Product Service



The play construction includes the following elements from the modular **Quadropolis** system:

Basic Modules

- 1 x house with 16 tubes, 1223mm and 9 ball connectors.
- 2 x multi-storey building with 24 tubes 1223mm and 13 ball connectors.
- Nine diagonal tubes 1826mm are included to improve static stability.
- Due to the combination of modules 3 tubes, 1223mm and 5 ball connectors have been omitted from the basic module.

Wall Elements

- 5 x balcony (a square wall-panel with one rounded-off corner; four assembly options)
- 1 x ladder (a square wall-panel with one rounded-off corner and grip-/step-shaped openings)
- 8 x triangular net (a vertical triangular flat net fixed to a horizontal, a vertical and a diagonal tube)

Ceiling And Floor Elements



Product Specification

- 1 x ceiling or floor platform (a ceiling-/floor panel with anti-slippery coating on the upper side)
- 1 x net-passage (horizontal platform net with a passage in the centre fixed to the structure on 4 sides)

Roof Elements

- 4 x sloping roof (a plain roof panel)
- 1 x dormer window roof (a sloping roof with a light-hole in the centre)
- 5 x roof net (a triangular roof net)
- 3 x flag (a one-coloured or two-coloured flag-shaped panel with a vertical tube with bumped boiler end)

Equipping Elements

- 2 x stairs (a diagonally mounted climbing net inside the play structure)
- 1 x access net (a sloping access net from the ground to the first level of the play structure)
- 1 x 45° access net (a sloping access net from the ground to the 1st level of the play structure, 45° turn)
- 1 x rectangular slide, narrow type (width 500mm, description see below)
- 1 x rectangular slide, wide type (width 1000mm, description see below)
- 1 x climbing rope (vertical rope with a diameter of 21mm with rubber knots as climbing support)
- 1 x seesaw (a seesaw on ball bearings, maintenance-free, with rubber seats and handles)
- 1 x basket ball net (basketball competition basket for fixing to wall panels)
- 1 x rail rope (horizontal rope with a diameter of 16mm)

Members:	Frameworkx -steel pipes, Ø 60.3 mm (2 3/8"); anticorrosion treatment and color finish: sandblasting and zinc-/ epoxy-/ polyester-process.
Nodes:	Frameworkx -aluminum ball connectors, Ø 250mm (9-13/16"); anticorrosion treatment and color finish: sandblasting and zinc-/ epoxy-/ polyester-process; incorporating an ASTM TT net tensioning system, securely closed with durable ebonite caps.
Ropes:	U-Rope -round strand ropes with galvanized steel cores, Ø 16mm (5/8") – unless otherwise noted; external steel strands are covered with non-abrasive UV-resistant Polyamide-yarn (no Polypropylene!).
Planar netting:	Rope crossing points localized by durable, drop forged aluminum-ballknots (no plastic)
Rectangular Slide Narrow type:	Attached slide comprised of stainless steel AISI304 (DIN 1.4301); Start height 1500mm (4- 11-1/16'); width 500mm (1- 7-11/16'), equipped with BSF-aluminum-slide clamps.
Rectangular Slide Wide type:	Attached slide comprised of stainless steel AISI304 (DIN 1.4301); Start height 1500mm (4- 11-1/16'); width 1000mm (3- 3 3/8'), equipped with BSF-aluminum-slide clamps.
Access net:	Access net, width 1000mm (39 3/8"), mesh width 250 x 250mm, connected to horizontal member of module with cast aluminum rope clamps. Fixed to the ground with two foundation brackets attached to a horizontal pipe
45° access net:	Access net, width 1750mm (5- 8 7/8"), mesh width 250 x 250mm (9-13/16"x9-13/16"), connected to horizontal members of modules with cast aluminum rope clamps, fixed to the ground with two foundation brackets attached to a horizontal pipe.
Climbing rope:	Vertical rope Ø 21mm (13/16") with worked-in ebonite cylinders, distance between cylinders 250-300mm (9-13/16" to 11-13/16"), upper connection to the top ball of the module, fixed to the ground with a galvanized anchor plate.
Panels:	HDPE-panel, thickness 19mm (3/4"), panel connected to steel pipes (for more details, see members) with cast aluminum panel clamps.
Seesaw:	Seesaw with ball bearings, maintenance-free, with rubber seats and handles
Basketball net:	Version with competition net
Castle	Net bridge with in situ-replaceable square rungs;
Entrance:	rungs comprised of stainless steel profile AISI304 (DIN 1.4301) with aluminum end caps; vertical net cables connected to horizontal pipes; ends are fixed with cast aluminum rope clamps.