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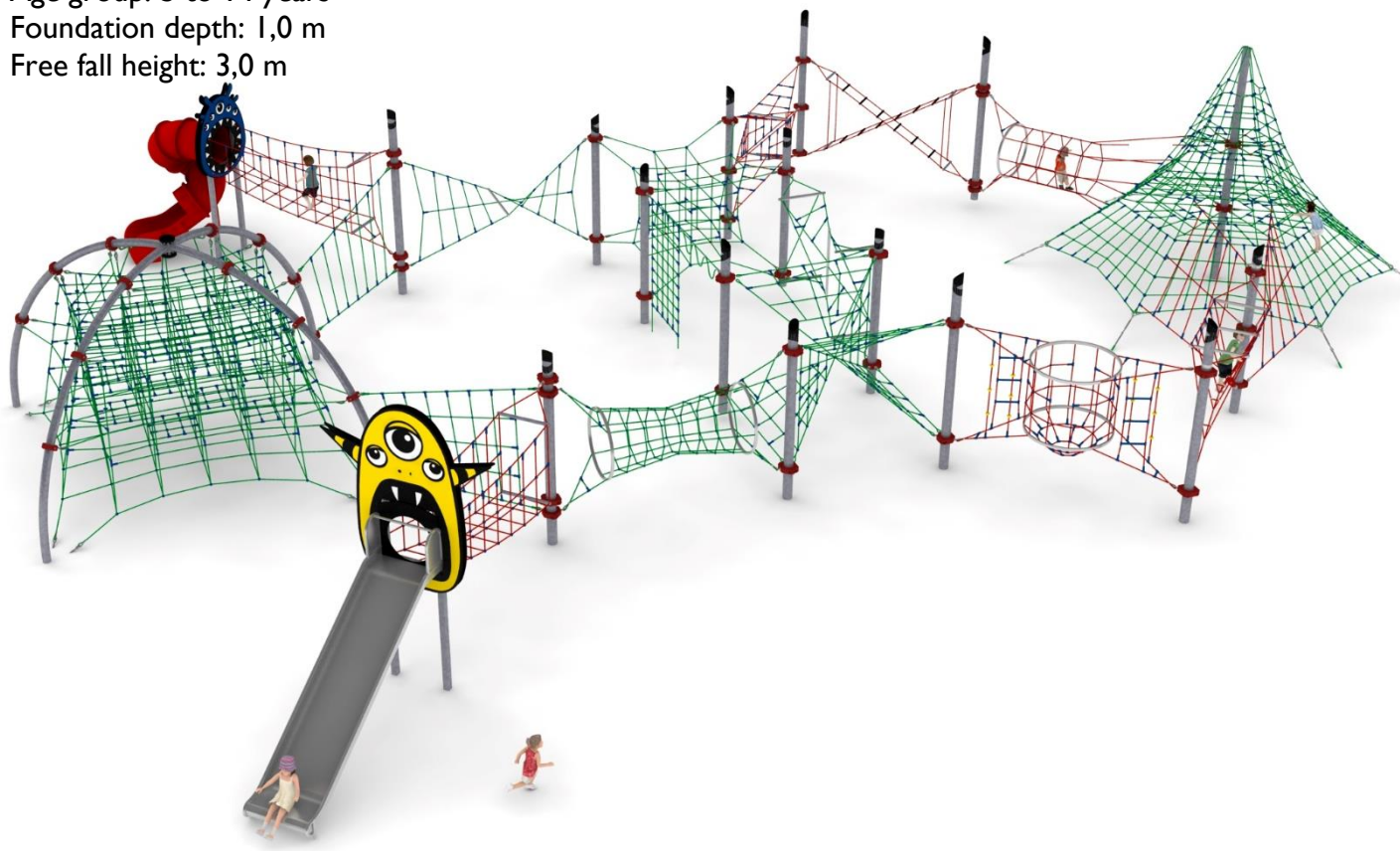
Product card
INDIVIDUAL DESIGN 4
cat. no. 1204-2020

Set Dimensions:
Length: 28.0 m
Width: 21.2 m
Height: 5.0 m
Minimum space: 31.7 x 26.9 m
Age group: 5 to 14 years
Foundation depth: 1,0 m
Free fall height: 3,0 m



1. The device consists of the following components:

1. 1. single device NAOS cat. no. 406.
2. DEIMOS XL pyramid cat. no. 203.
3. Accessory Pipe Slide cat. no. 1204-2020i. 4.
4. WIDE SLIDGE accessory cat. no. 1204-2020m. 5.
5. ROPE SET (GALAXIC) composed of fourteen poles and ten modules. The modules are suspended between the poles. Modules used: METIS XL 015, GEOGRAPHOS 019, MAJA XL 022, KLIO XL 023, SCYLLA XL 024, EUROPA 026, NIOBE XL 027, FORTUNA XL 028, EGERIA XL 030, HARMONIA XL 032.
6. 6. TRANSITION GALACTIC-DEIMOS XL 1.
7. 7. TRANSITION GALACTIC-DEIMOS XL 2.
8. 8. TRANSITION GALACTIC-NAOS 1.
9. GALACTIC-NAOS 2..

1. NAOS Cat. No. 406

Device dimensions:
Length: 5.8 m
Width: 5.8 m
Height: 4.2 m
Minimum space: 9.7x 9.7 m
Age group: 5 to 14 years
Founding depth: 0.8m
Free fall height: 3,0 m
Length of rope used: 480 m

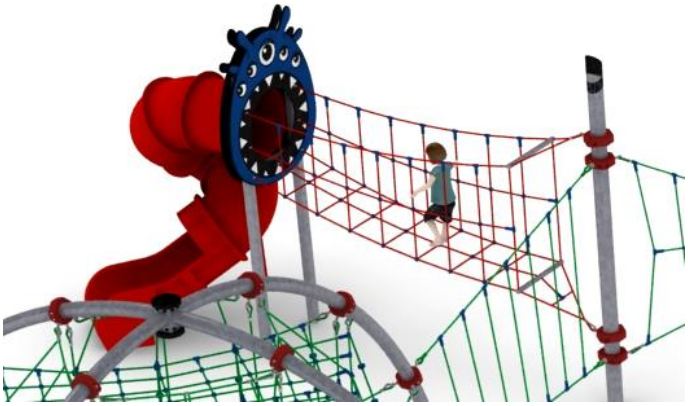
Guidelines for materials and technology of device construction.
The main construction elements are two crossed semicircles made of steel pipe with a diameter of 139.7 mm. They are protected against corrosion by hot-dip galvanizing. Inside the structure a spatial rope net is stretched, which consists of five planes connected by vertical ropes. The fourth floor and every second bay in floors 1 and 3 have additionally compacted fields allowing users to sit or lie down. The net is supplemented by climbing grips attached to the outer vertical ropes. The rope net is attached to the structure with clamps made of cast steel. The clamps are protected against corrosion by being painted with chlorine rubber paint. The fastening of the spatial net to the foundations is ensured by hot-dip galvanized screws, which enable the net tension correction. The foundations are made as reinforced concrete footings placed at a depth of 0.8 m. The rope used for the production has a diameter of 18 mm and is braided, glued, reinforced with steel and made of polyamide. Elements connecting the ropes with each other are made of polyamide, aluminum or stainless steel.

1. Rope pyramid DEIMOS XL cat. no. 203

Unit dimensions:
Length: 8.7 m
Width: 8.7 m
Height: 5.0 m
Minimum space: 11.0 m diameter circle
Age group: 5 to 14 years old
Free fall height: 1,6 m
Depth of foundation: 0.8 m
Length of rope used: 336 m

Guidelines for materials and technology of construction of the device.
The main construction element is a 5 m steel pole with a diameter of 168.3 mm, which is protected against corrosion by hot-dip galvanizing. The rope construction consists of six main ropes anchored in the ground with reinforced concrete feet. The tension can be adjusted by means of hot-dip galvanized turnbuckles. Six rope walls are stretched between adjacent supporting ropes. Additional attraction are horizontal rope planes at the height of 1.6 and 3.0 m. The net is made of polyamide rope, braided, strengthened with galvanized steel strings. Rope diameter is 18 mm. Elements connecting the ropes with each other are made of plastic and aluminum. Parts connecting the ropes to the pole are made of stainless steel and cast steel. Steel is protected against corrosion by painting with chloride-rubber paint.

2. accessory Pipe Slide 1204-2020i.



Device dimensions:
Length: 6.4 m
Width: 2.5 m
Height: 3.0 m
Minimum area of the Galaxy + 40 m2
Age group: 5 to 14 years old
Depth of foundation: 1,0 m
Free fall height: 2,15 m

Guidelines for materials and technology of device construction.
The main element of the addition is a spiral tube slide made of polyethylene. The beginning of the starting part is located at a height of 2.15 m above ground level. Structural elements of the slide are made of 100x100 mm square pipe, protected against corrosion by hot-dip galvanizing. The addition is enriched with graphics from MONSTER line. Both sides of the graphic are made of HPL board with a thickness of 10mm and approximate dimensions of 1,8m x 1,6m. The foundations are made as reinforced concrete footings placed at a depth of 1m. The passage connecting the slide with the galaxy is U-shaped and made of polyamide rope, braided, strengthened with galvanized steel strings. Rope diameter is 18 mm. Elements connecting the ropes to each other are made of plastic and aluminum.

3. WIDE SLIDE additive cat. no. 1204-2020m.

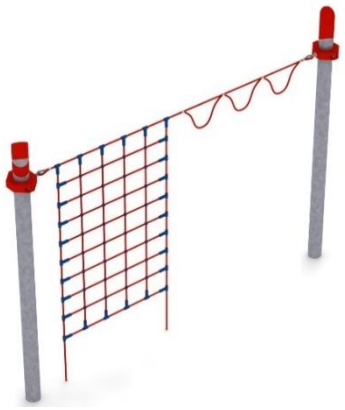
Device dimensions:
Length: 7.9 m
Width: 2.8 m
Height: 4.6 m
Minimum space of the pyramid + 42.0 m2
Age group: 5 to 14 years
Foundation depth: 1,0 m
Free fall height: 3,0 m

Guidelines for materials and technology of device construction.

The main element of the addition is a slide made entirely of acid-resistant steel of 0H18N9 grade. The beginning of the starting part is located at the height of 2.25 m above the ground level. The width of the slide is 1m. Structural elements of the additive are made of square pipe with cross-section 100x100 mm, which are protected against corrosion by hot-dip galvanizing. . The addition is enriched with graphics from MONSTER line. Both sides of the graphic are made of HPL board with a thickness of 10mm and approximate dimensions of 3,0m x 2,7m. The foundations are made as reinforced concrete footings placed at a depth of 1m. The passage connecting the slide with the galaxy is made of polyamide rope, braided, strengthened with galvanized steel strings. Rope diameter is 18 mm. Elements connecting the ropes with each other are made of plastic and aluminum.

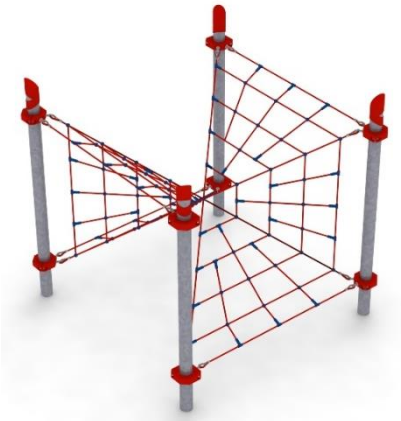
4. **Rope set.**
   The main construction elements are steel poles with a diameter of 168.3 mm protected against corrosion by hot-dip galvanizing. A hot-dip galvanized and powder-coated steel cap is installed on top of the pole. The foundations are made as reinforced concrete footings located at a depth of 1 m. Rope nets in various shapes and sizes are attached to the poles using clamps made of structural steel. The clamps are protected against corrosion by being painted with chlorine rubber paint. The connection between the ropes and the clamps is a stainless steel joint. Rope nets, which are the main playground element, are made of 18 mm diameter polyamide rope, spliced, glued. The ropes are made of galvanized steel strings, twisted into six strands, each of which is braided with polyamide fiber glued into it. Elements connecting the ropes to each other are made of aluminum, stainless steel and plastic.

Description of the modules included in the set



METIS XL 015

The device consists of a horizontal rope stretched over two poles installed at a distance of 4.24 m. The rope is fixed at a height of 2.65 to 2.85 m. Attached to the horizontal rope are three ropes bent into half-circles with a radius of approximately 0.3 m and a net, a truss consisting of nine horizontal ropes and six vertical ropes connected together. The eyes of the net are approximately 0.3m x0.3m. Two vertical ropes are anchored in the ground.

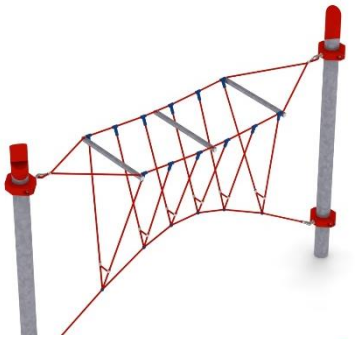


GEOGRAPHOS 019

The device consists of six isosceles triangle shaped nets made of ropes. Two of the grids are upright, four are deviated from the vertical between 45˚ and 55˚. The triangles meet each other with one of their vertices, and the triangles lying next to each other have one side in common. The device is stretched on four poles installed at a spacing of 3m x 3m.

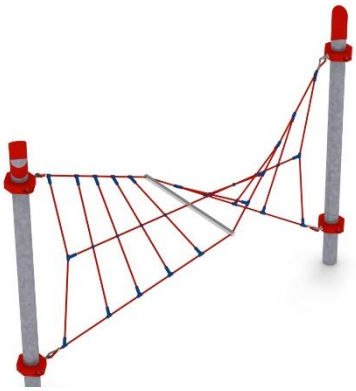
MAJA XL 022

The device consists of three horizontal ropes stretched between poles installed at a distance of 4.24 m and six V-shaped ropes . The two upper horizontal ropes are spanned by three hot-dip galvanized steel yokes. The entire structure forms a V-shaped rope bridge.



KLIO XL 023

The device consists of three horizontal ropes, of which the two main ones are stretched between posts installed at a distance of 4.24 m. The rope net is completed with ten ropes fixed between the horizontal ropes. The two main horizontal ropes are spread with a hot-dip galvanized steel yoke. The whole construction forms a twisted rope platform.

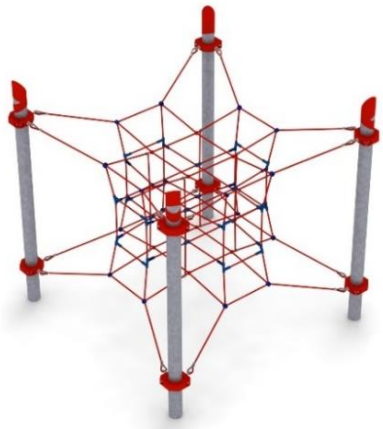


SCYLLA XL 024

The device consists of two hot-dip galvanized steel circles. On the circles, between two poles installed at a distance of 4.24 m, a rope construction is stretched, creating a tunnel with a diameter of 0.8 - 1.2 m.

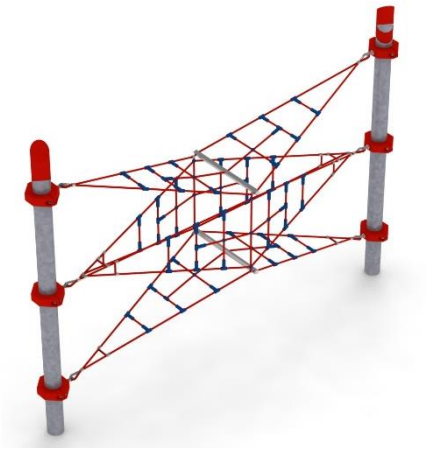
EUROPA 026

The device consists of 15 interconnected cubes forming a spatial rope cross. The cubes are attached to 8 ropes stretched between 4 poles installed at a distance of 3m x 3m.

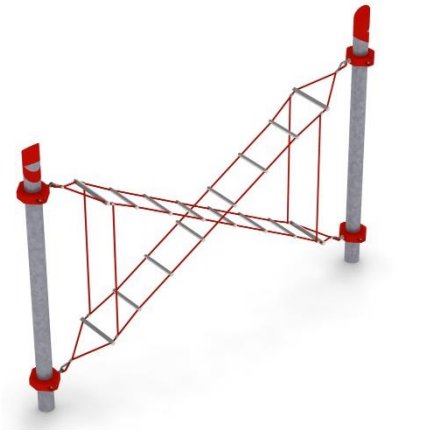


NIOBE XL 027
The device consists of two hot-dip galvanized steel circles. On the circles a rope construction is stretched which creates a shaft with a diameter of 1.5 m finished with a rope floor. On both sides of the shaft there is a ladder and two climbing ropes. The device is suspended on two poles installed at a distance of 4.24 m.

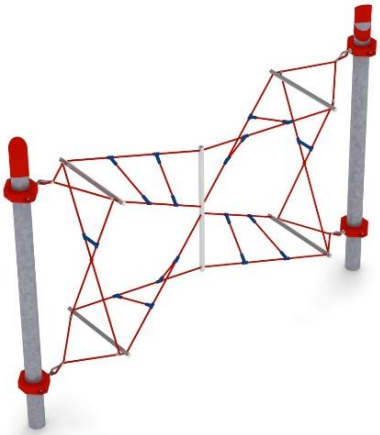
FORTUNA XL 028
The device consists of eight nets in the shape of an isosceles triangle. The nets are stretched between the poles and a steel rope square located in the center of the toy. The steel part of the square is made of hot-dip galvanized yokes. The module is suspended on two poles installed at a distance of 4.24 m.



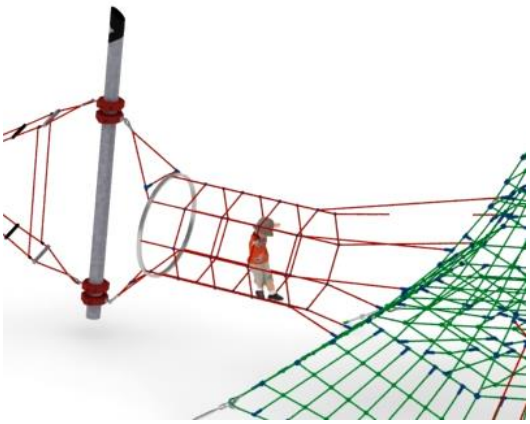
EGERIA XL 030
The device consists of two 400mm wide ladders mounted diagonally, crosswise in relation to each other. At both ends of each ladder there is a 500 mm long hot-dip galvanized metal profile. The net is completed with four vertical stabilizing ropes. The module is suspended on two poles installed at a distance of 4.24 m.



HARMONIA XL 032 The device consists of two twisted ladders joined in the middle by a hot-dip galvanized yoke. At the ends of the ladders, X-shaped cords are mounted to stabilize the structure. The unit is suspended on two poles installed at a distance of 4.24 m.



5. GALACTIC-DEIMOS XL Transition 1.



Device dimensions:
Length: 4.2 m
Width: 1.7 m
Height: 3.8 m
Age group: 5 to 14 years old
Foundation depth: 1,0 m
Free fall height: 2,85 m

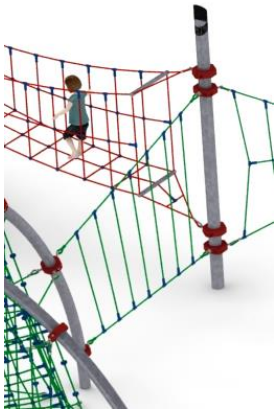
Guidelines for materials and technology of device construction.
The passage is shaped like a tunnel with a diameter of 1.2m. The tunnel extends between the GALKTYKA column and the DEIMOS XL pyramid. The shape of the tunnel allows to keep the hot-dip galvanized steel circle. The passage is made of polyamide rope, braided, glued reinforced with galvanized steel strings. Rope diameter is 18 mm. Elements connecting the ropes to each other are made of plastic, stainless steel and aluminium.

6. GALACTIC-DEIMOS XL transition 2.

Device dimensions:
Length: 4.1 m
Width: 3.3 m
Height: 3.8 m
Age group: 5 to 14 years old
Foundation depth: 1,0 m
Free fall height: 2,85 m

Guidelines for materials and technology of device construction.
The passage is formed by two rope grids stretched between the ropes that form the PIRAMIDS and the GALACTIC pole. Each grid is formed by three horizontal and five vertical ropes. The passage is made of polyamide rope, woven, glued, reinforced with galvanized steel strings. Rope diameter is 18 mm. Elements connecting the ropes to each other are made of plastic, stainless steel and aluminum.

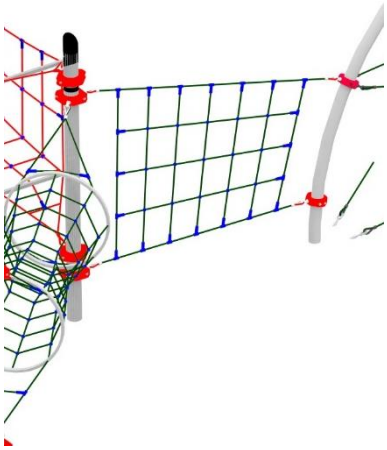
7. GALACTIC-NAOS Transition 1.



Device dimensions:
Length: 3.4 m
Width: 0.3 m
Height: 3.8 m
Age group: 5 to 14 years old
Foundation depth: 1,0 m
Free fall height: 2,85 m

Guidelines for materials and technology of device construction.
The gangway consists of seven vertical ropes attached to two horizontal ropes stretched between a GALAKTYKI pole and a NAOS device. The gangway is made of polyamide rope, braided, strengthened with galvanized steel strings. Rope diameter is 18 mm. Elements connecting the ropes with each other are made of plastic, stainless steel and aluminum.

8. GALACTIC-NAOS 2 Transition.



Device dimensions:
Length: 3.4 m
Width: 0.3 m
Height: 3.8 m
Age group: 5 to 14 years old
Foundation depth: 1,0 m
Free fall height: 2,85 m

Guidelines for materials and technology of device construction.
The gangway is a rope truss stretched between the GALAKTYKI pole and the NAOS device. The transition is made of polyamide rope, braided, strengthened with galvanized steel strings. Rope diameter is 18 mm. Elements connecting the ropes with each other are made of plastic, stainless steel and aluminum.

The fall area of the device should be made on a surface in accordance with PN EN 1176- 1:2017. The possibility of access of heavy construction equipment is required to perform the installation.

For the sake of children's safety and the quality of the equipment, it is required that the equipment be certified for compliance with PN EN 1176-1:2017, PN EN 1176-11:2014-11, PN EN 1176-3:2017, issued in a system accredited by the National Accreditation Centre or the national accreditation body of the other Member States, in accordance with Regulation (EC) No 765/2008 of the European Parliament and of the Council of the European Union."