



CUBIC

 LAPPSET®

A MODERN TREEHOUSE APPEALS TO BOTH CHILDREN AND ADULTS

Who wouldn't have dreamt of their very own treehouse as a child? The wish to find new perspectives and climb high up the tree spurred many of us on to impressive construction achievements.

The treehouse also served as inspiration for the Cubic products in our Halo range – a safe, exciting and attractive product family that can be adapted to many needs.



[Click to watch the video](#)

CUBIC MAKES AN EYE-CATCHING LANDMARK

A great functional landmark and centre of action

Numerous adaptation possibilities

Exciting functions in a small space

See far and be seen from afar

Add cubes and play with different wall designs

Climb in many ways

Safety surface needed for slide exits only





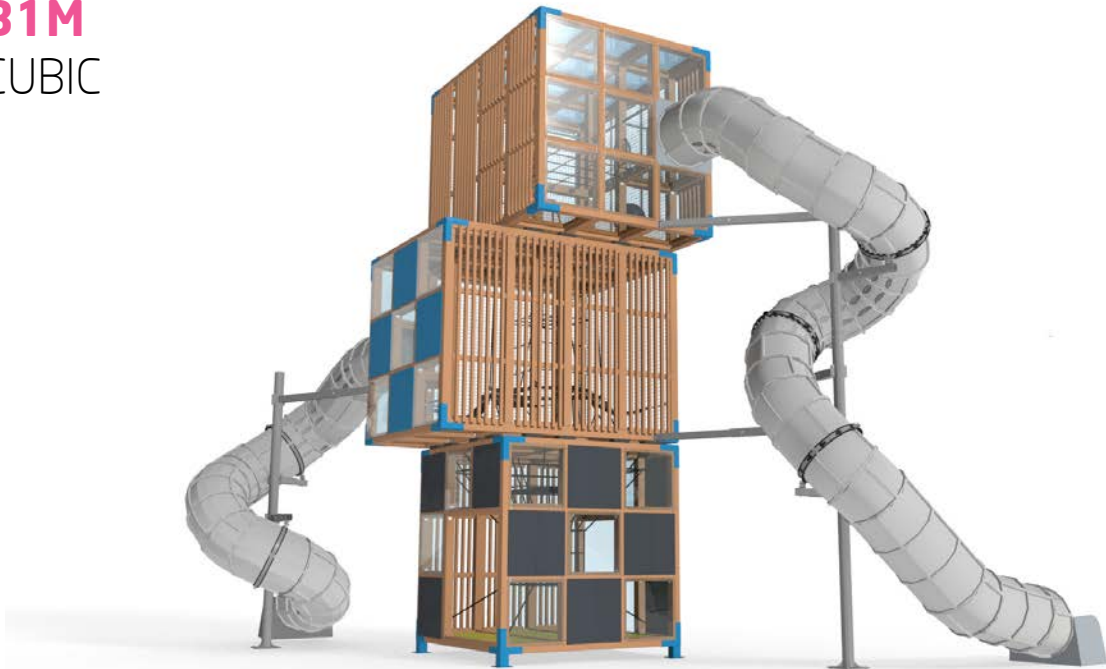
STANDARD
PRODUCTS

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Incl. DWG files and
JPEG images for
standard products

239021M
HALO CUBIC



239031M
HALO CUBIC



239022M
HALO CUBIC

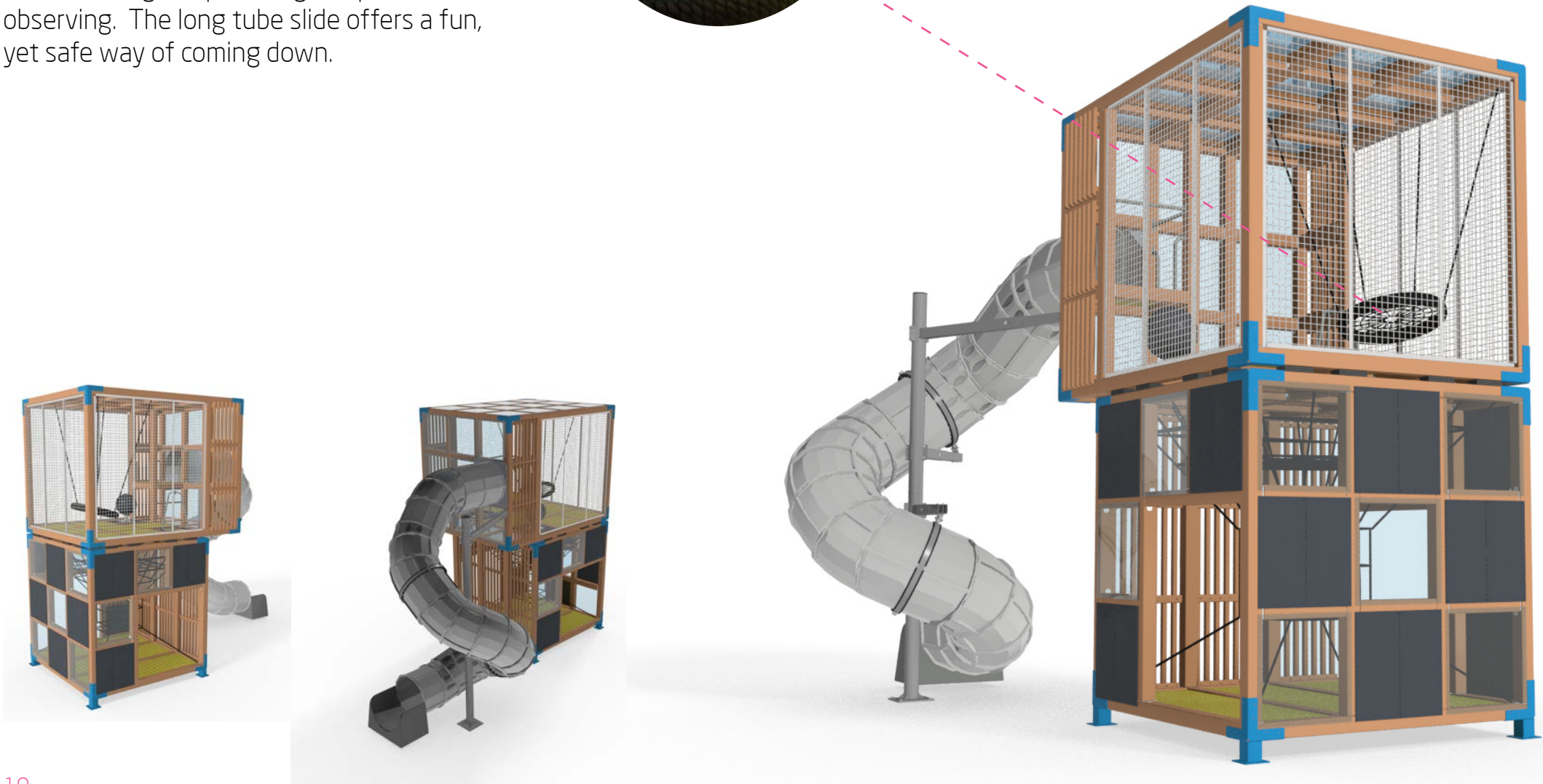


239040M
HALO CUBIC

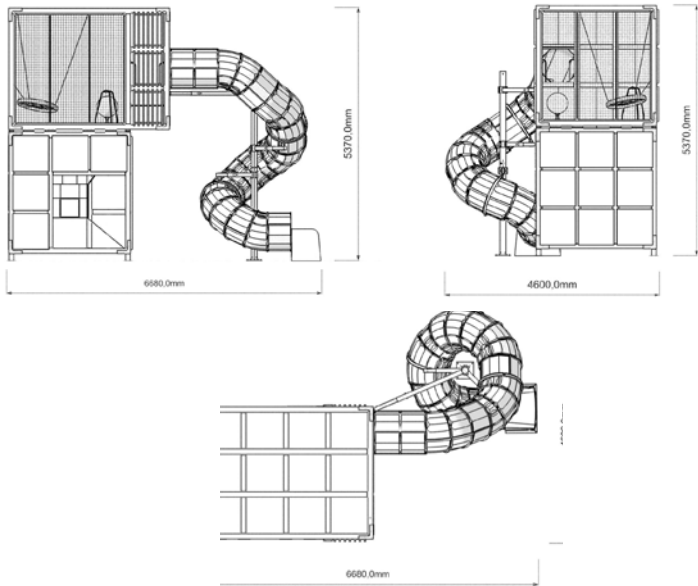


239021M
HALO CUBIC

The unit consists of a cube and a cuboid, and it offers challenging but rewarding climbing experiences. Up high, users have a great view of their surroundings. The bird's nest swing and balancing ball provide great places for observing. The long tube slide offers a fun, yet safe way of coming down.

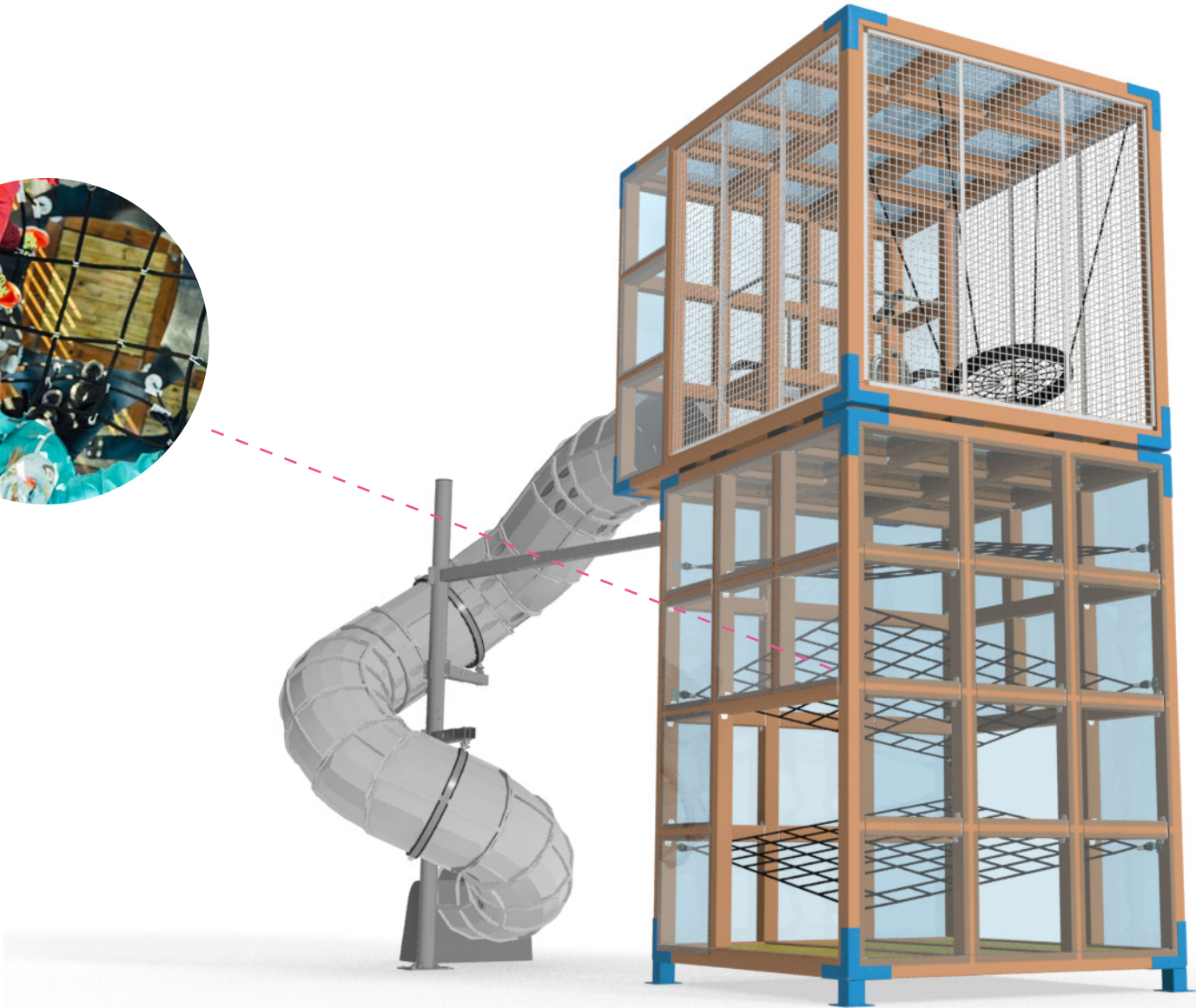


TECHNICAL SPECIFICATIONS	
Product length	6 680 mm
Product width	4 600 mm
Product height	5 370 mm
Safety standard	EN1176
Safety zone	8,8 m²
Fall zone	12,7 m²
Max. fall height	1 000 mm
User age	6+
Number of users	29 people
Largest part	3 400 mm
Heaviest part	30 kg
Installation time, 2 person	16 h
Mounting method	Surface mounting



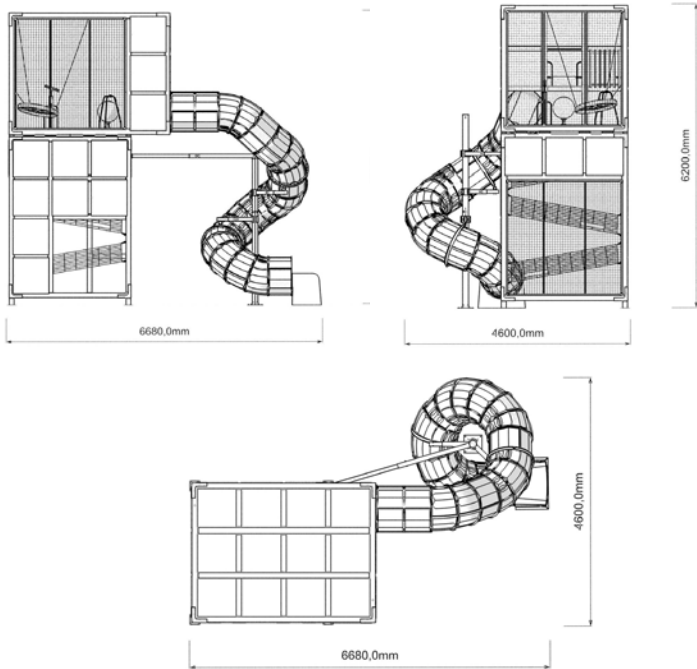
239022M
HALO CUBIC

The vertical cuboid has three nets that can be used to climb up to a height of over 3 metres – all the way to the horizontal cuboid on the next level. The transparent walls offer a great view of the surroundings, and the bird's nest swing and balancing ball are great places for observing. The long tube slide offers a fun, yet safe way of coming down.



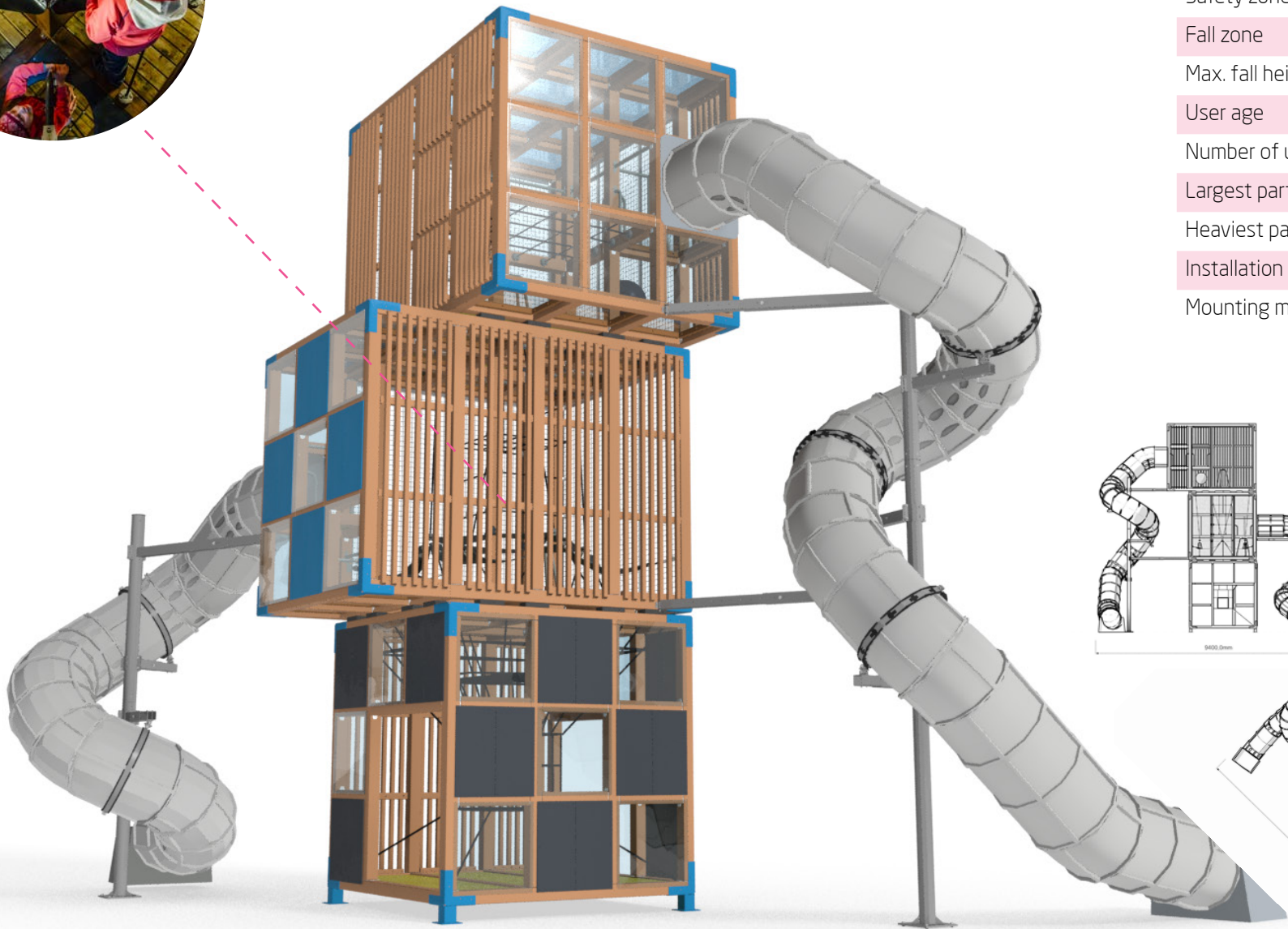
TECHNICAL SPECIFICATIONS

Product length	6 680 mm
Product width	4 600 mm
Product height	6 200 mm
Safety standard	EN1176
Safety zone	8,8 m²
Fall zone	12,7 m²
Max. fall height	1 000 mm
User age	6+
Number of users	37 people
Largest part	3 400 mm
Heaviest part	30 kg
Installation time, 2 person	16 h
Mounting method	Surface mounting

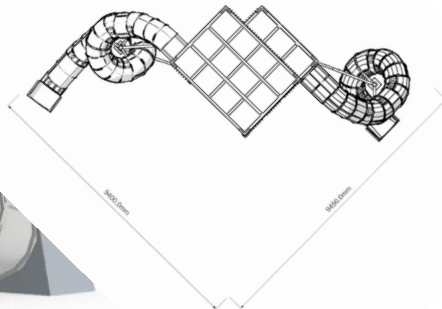
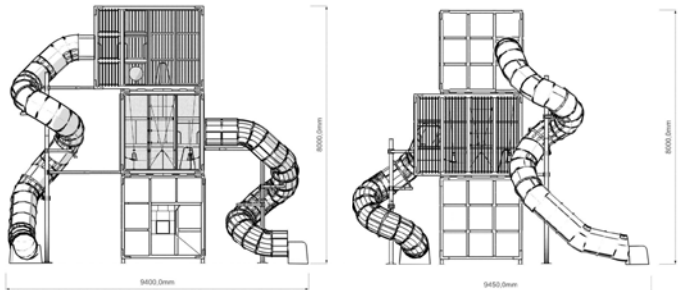


239031M
HALO CUBIC

Height is a fundamental element of exciting play. Rising to nearly 8 metres, this tower consists of three elements (a cube and two cuboids on top of each other) and offers users chances for truly testing their limits. How high do you dare to climb? Are you brave enough to walk on the transparent floor? Will you climb down or speed down one of the two tube slides?



TECHNICAL SPECIFICATIONS	
Product length	9 450 mm
Product width	9 400 mm
Product height	8 000 mm
Safety standard	EN1176
Safety zone	17,6 m²
Fall zone	12,7 m²
Max. fall height	1 000 mm
User age	6+
Number of users	42 people
Largest part	3 400 mm
Heaviest part	30 kg
Installation time, 2 person	28 h
Mounting method	Surface mounting

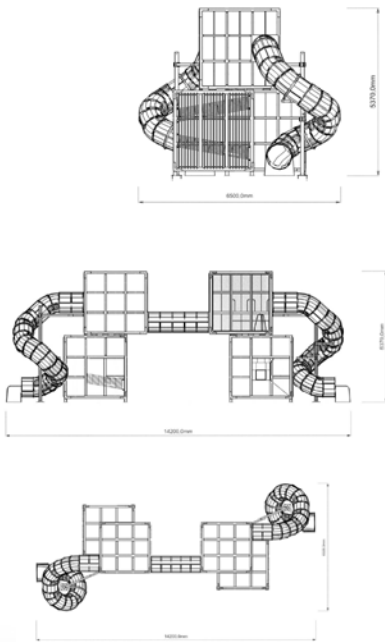


239040M
HALO CUBIC

Cubic can be expanded not only upwards but also horizontally. This four-cube unit forms two separate towers that are connected by an intriguing tunnel. The topmost cubes can be exited by way of a thrilling tube slide or ropes.



TECHNICAL SPECIFICATIONS	
Product length	13 460 mm
Product width	6 900 mm
Product height	5 370 mm
Safety standard	EN1176
Safety zone	17,6 m²
Fall zone	25,2 m²
Max. fall height	1 000 mm
User age	6+
Number of users	50 people
Largest part	2 600 mm
Heaviest part	30 kg
Installation time, 2 person	32 h
Mounting method	Surface mounting

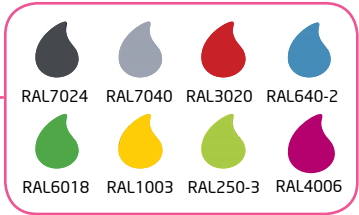




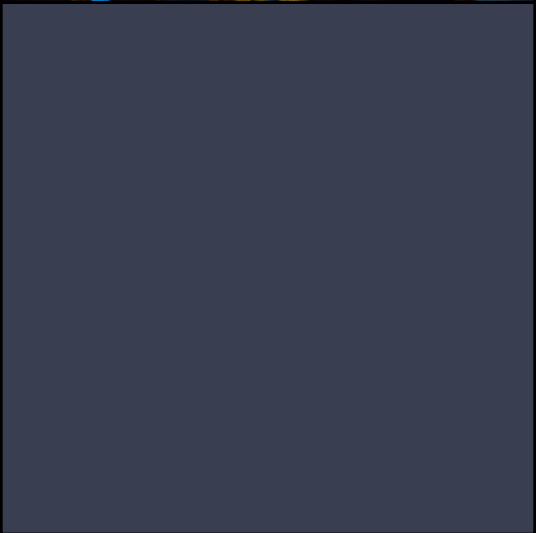
MATERIALS AND COLOURS



PART + MATERIAL	MEASUREMENTS	COLOUR
Wooden posts, pressure-treated with glazing paint	Post thickness 120 x 120 mm	Brown
Metal corners	LappCoat-treated steel, 5 mm	Blue RAL 640-2 or dark grey RAL 7024
High-pressure laminate walls	A single wall square consists of two rectangles of 400 x 800 mm (always the same colour), which together form a wall of 800 x 800 mm. Wall thickness is 10 mm.	Dark grey RAL 7024 and one of the following colour options ->
Vertical wooden slatted wall	800 x 800 mm <u>or</u> 800 x 1,600 mm <u>or</u> 800 x 2,400 mm	Brown (same as posts)
Steel wire wall	3 pcs, 800 x 2,400 mm (always a complete wall). Mesh size 50 mm.	Hot-dip galvanised steel
Polycarbonate plastic wall	800 x 800 x 8 mm	Transparent
Roof panel, cellular polycarbonate panel	800 x 800 x 20 mm	Opal white
Floor Wood or acrylic	800 x 800 x 20 mm (acrylic) 32 mm (wood)	Wooden floor: preserved, greenish Polycarbonate: transparent



For wooden parts, we use
PEFC certified pine.



PLAY FUNCTIONS

PART + MATERIAL	MEASUREMENTS	COLOUR
Climbing ropes: Steel-reinforced polyamide rope Connections of stainless steel Attachment points fibre-reinforced polyamide plastic	Ø 16 mm (rope)	Black
Climbing platforms of fibre-reinforced rubber	Thickness 12 mm	Black
Plastic slide of polycarbonate (transparent parts), other parts of polypropylene (standard in the product)	Ø 800 mm	Grey/transparent
Tunnels	Ø 800 mm	Grey/transparent
Slide of stainless steel (optional)	Ø 800 mm	Stainless steel EN 1.4301 (grey)
Bird's nest seat	Ø 1,000 mm	Black
Balancing/climbing ball, metal foot	Ø 450 mm	Dark grey

All materials are REACH compliant.

✓ CHECKLIST FOR PLANNING

Cube: 2,580 x 2,580 x 2,580 mm

Cuboid: 3,340 x 2,580 x 2,580 mm

Up to three cubes or cuboids can be placed one upon the other. This translates into a maximum height of about 7.8 m.

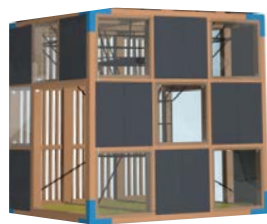
In the top element, at least two adjoining walls have to permit the passage of wind (i.e. be either mesh or slatted walls).

The cubes can be mounted one on top of the other or side by side.

The functional elements have been designed to ensure optimal fit in the space, and they cannot be adapted.

The slide is available in either plastic (standard) or steel (optional, for an additional charge).

CUBE



CUBOID



Thanks to its modular structure, Cubic can be varied almost indefinitely. How many cubes and cuboids do you want, and in which arrangement? Which walls, colours and play functions will you choose?



CUBIC INSTALLATION

Cubic is available for surface mounting.

The foundation used for the product is steel-reinforced concrete. Foundation dimensions vary from one model to the next.

A single cube or cuboid with play functions weighs approximately 1,000 kg. Therefore, they can in some cases be used even on top of underground parking garages, as long as weight limits are taken into consideration.

A crane is needed for installation. Installation is smooth when the cube or cuboid is assembled and fitted with play functions on ground level.

Estimated installation time is 8 hours per cube/cuboid per 2 installation engineers.





DELIVERY

Cubic is delivered as components and elements with:

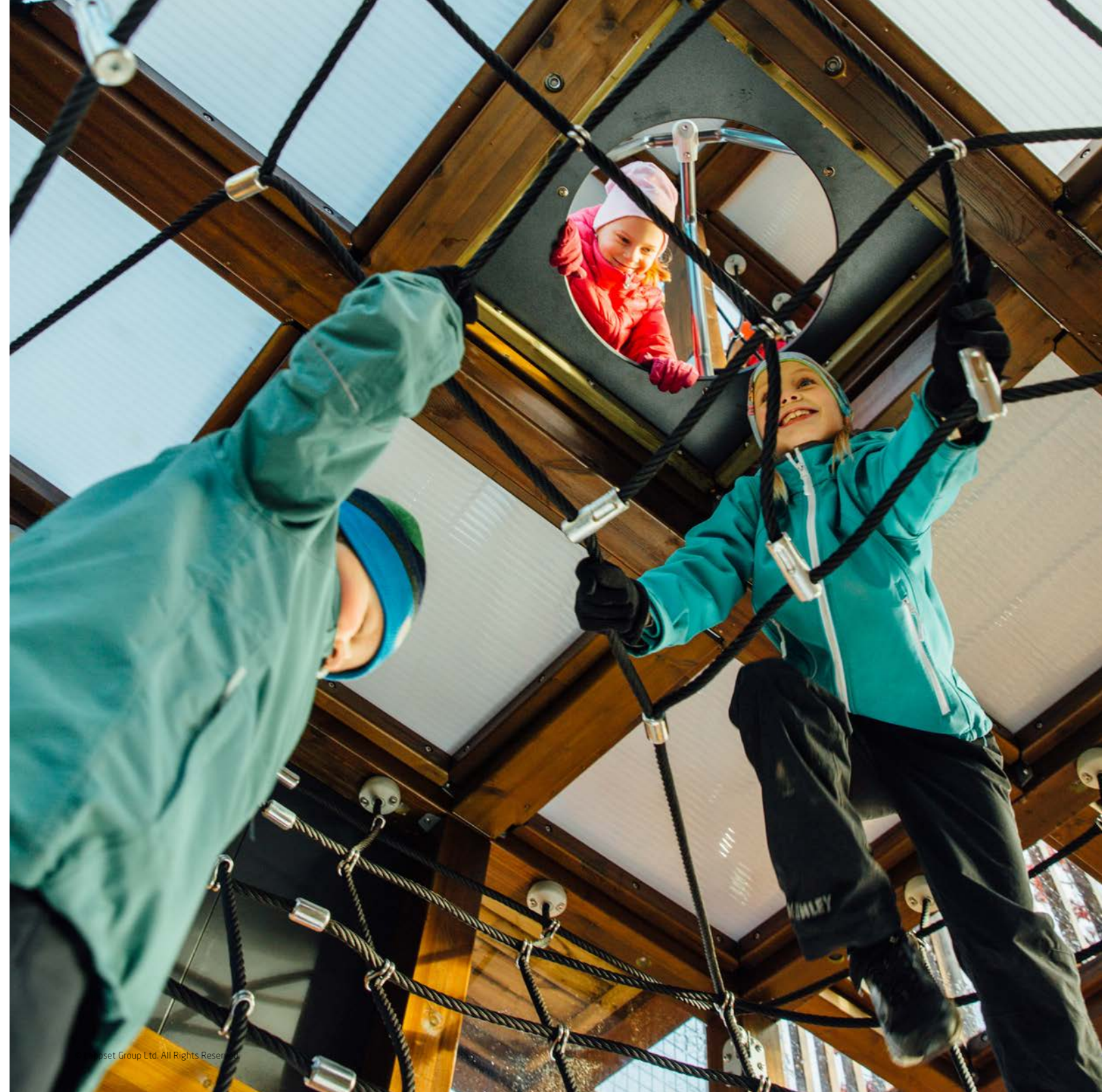
- » despatch notes
- » installation instructions
- » inspection and maintenance instructions.

Cubic design criteria ensure efficient packaging for ease of transportation. The packages are placed on pallets to speed up the loading and handling, and significantly reduce transport damage and costs.

★ WARRANTY

20 years	steel components and structures elements made of high-pressure laminate (HPL)
15 years	fibre-reinforced plastic components (rope fastenings)
10 years	preserved wooden parts with no ground contact surface finish of steel and aluminium components climbing grips
5 years	plastic components steel-reinforced nets and ropes
3 years	rubber and rubber-coated parts, polyurethane parts moving parts, malfunctions steel cables, chains surface finish of other than steel and aluminium components
1 year	electronic parts

Detailed warranty terms and conditions are available online: <http://www.lappset.com/Services/For-designers/Warranty>













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