Berliner

Play equipment for life

Basic Colours of ropes

available for standard 16 mm and 18 mm rope

- Red
- Blue
- Black
- Yellow
- Green
- Orange
- Silver
- Beige
- Dark Green

only available for standard 16 mm rope

- Salamander
- Moose
- Los Netzos
- Tempelhof

Design Colours of tubes and posts (matte finish)

- RAL 9017 Traffic black
- RAL 9010 Pure white
- RAL 9007 Grey aluminium
- RAL 1001 Beige
- RAL 8001 Ochre brown
- RAL 8012 Red brown
- RAL 3012 Beige red
- RAL 3002 Carmine red
- RAL 2009 Traffic orange
- RAL 4005 Blue lilac
- RAL 3015 Light pink
- RAL 5024 Pastel blue
- RAL 5012 Light blue
- RAL 5017 Traffic blue
- RAL 5021 Water blue
- RAL 6028 Pine green
- RAL 6034 Pastel turquoise
- RAL 6021 Pale green
- RAL 1028 Melon yellow

Classic Colours of tubes and posts (glossy finish)

- RAL 9006 White aluminium
- RAL 2009 Traffic orange
- RAL DS 010 40 50 “Cosmo pink“
- RAL 3020 Traffic red
- RAL 3004 Purple red
- RAL 5022 Night blue
- RAL 5010 Gentian blue
- RAL 5021 Water blue
- RAL 6009 Fir green
- RAL 6018 Yellow green
- RAL DS 100 80 80 “Cosmo yellow“
- RAL 1018 Zinc yellow

Colours of HDPE-panels

- Red
- Black
- Blue
- Green
- Yellow
- White
- Lila
- Orange

Technical specifications

(m) (‘-“)	Dimensions (l x w x h)
EN 1176 (m) ASTM/CSA(m) ASTM/CSA (‘-“)	Minimum space required
(m) (‘-“)	Maximum fall height
	Recommended age group

All datasheets, mounting-instructions, TÜV-certificates and AutoCAD-Drawings are available as downloads on our webpage. Should you require any further information, please contact us.

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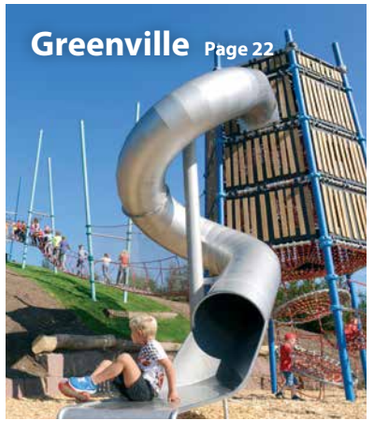
This page acts as a quick reference guide to the various rope and steel colours. All plan views within the catalogue are shown with a scale of 1:200. The minimal area zones comply with the ASTM 1487 and EN1176 standard. Please note: to ensure compliance with a specific country, the corresponding standards must be referred to. Details of the product photos may vary from the descriptions provided. All data is subject to technical changes and misprints.


Berliner

Overview

Our broad product palette is sure to fulfil your every design wish. Our various ranges of play equipment complement each other, while setting children's hearts racing. We aim for our impressive playground landscapes to stimulate and inspire you!



Playhouses

From the soaring stature of Greenville Towers & Triis to cute and fun places for small children, our playhouses create spaces for children to play, seek refuge as well as enjoy role-play games. Why not let your "Tower" become the centrepiece of your project, or discover the endless possibilities offered by our "Trii" range of tree houses.

Rope Play Equipment

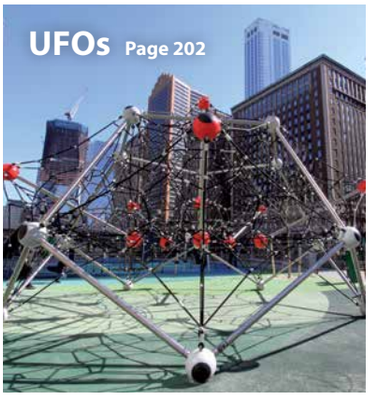
Here at Berliner Seilfabrik, we've been manufacturing rope for more than 150 years. Nowadays our ropes are interwoven into climbing webs, which form the basis of all our rope play equipment. The rope climbing web - our company's speciality - serves as the perfect basis for all types of climbing equipment. Climbing in three dimensions both excites and challenges children, fostering their spatial imagination as well as their psychomotor abilities. The inclusion of a rope spatial net in its external frame increases the versatility of a playground, enabling it to expand whenever new components come to be added. In this way large play structures can be created either from the outset or incrementally.

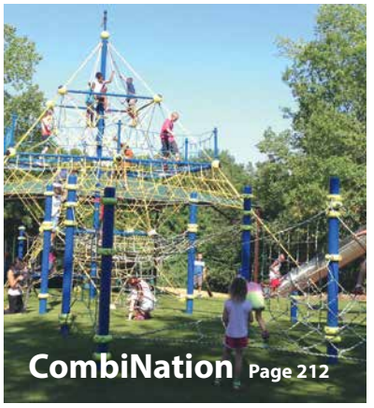
Playpoints

Swings, hammocks, carousels and ropeways are just a few of our highly functional play components. Whether it's the playful look of HodgePodge or the high-end stainless steel look of Urban Design Berlin, these improve the appearance not just of playgrounds but the pedestrian zones surrounding them.

Play Sculptures

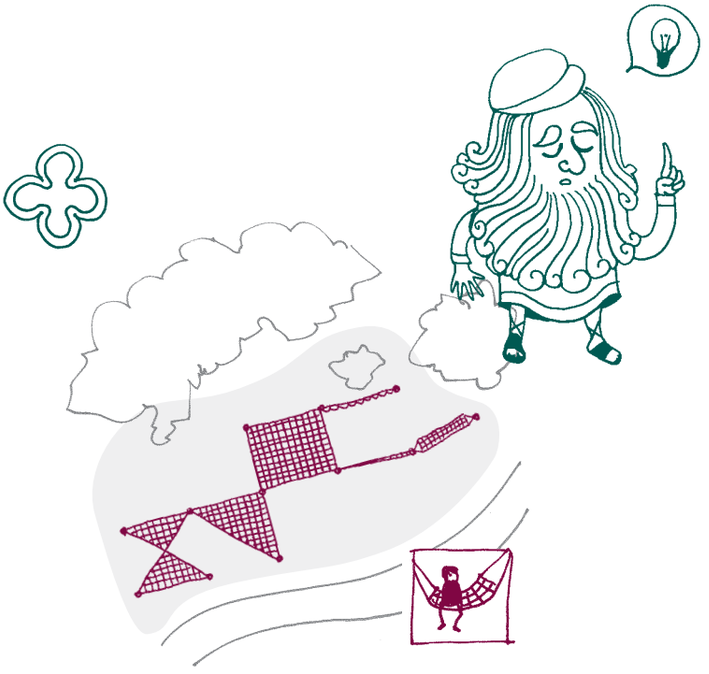
Our play sculptures are particularly popular with architects and designers. Not only are they great fun to play on, they are also small-scale works of art that can be designed on an all but individual basis.





Combinations and Special Projects

We have many years' experience of catering to individual wishes: whether it's creating your own unique climbing landscape by selecting from our different ranges or else bringing your own ideas to us, together we can create something entirely new. For examples of the results, see our custom-made projects.



Specialist Knowledge


Swings,
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Twist & Shout
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Rope Play
Classics
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New
Spooky Rookies
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Berlin, Germany

HodgePodge: Carousels and other Playpoints
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Fire, Earth, Water, Air: That's Terranova
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Multiple Add-on Units for all Products

Greenville Combi.061
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Cable Ride Speedway
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Polygode
Central Mast Play Structures
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Nest Swing
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The Büsum Crab
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Custom-made: Individualisation Unlimited
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Our HodgePodge Hammocks
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Broad Range of Colours for Ropes, Posts and Panels

Europe's Longest Playground Structure: Medebach Aventura
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Creating entire Tree House Villages with Trii
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Greenville: Bombastic Bamboo!
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Combine our Product Ranges: CombiNation
> Page 212

Adapt Your Play Area to Suit its Surroundings, Whether Houses or Walls

Berlin, Germany

Berliner
Play Equipment for Life

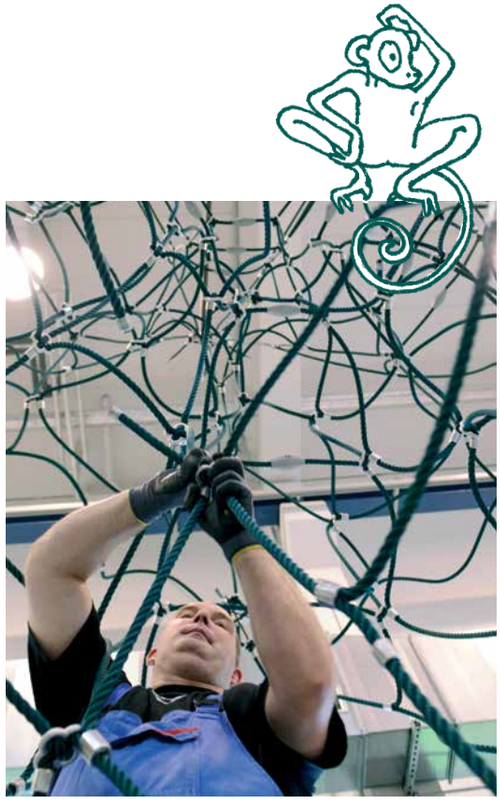
The first steps towards Berliner Seilfabrik were made in 1865, when a company producing ropes for the Berliner elevator industries was founded. The quality of the Berliner ropes has gained a world wide reputation. The first net stuctures developed for climbing equipment were created in the early 70's. Now, with over 40 years of experience in the playground equipment industry, combined with our extensive rope manufacturing knowledge we have designed a variety of products for unique playground landscapes which comply with international safety standards. Our playground landscapes are instantly recognizable, due to the combination of extensive rope design development and creative ideas.

National and international patents of the majority of our products are proof of our individuality and technical edge.

The integrity of our structures has been recognized by the German, European and American standard committee for sport and leisure equipment, of which we are permanent members.

Our claim **Play equipment for life** means a lot to us. It defines the way we build playgrounds and the way we think. Our playgrounds are built for generations. They are sustainable because due to using high quality materials and first-class workmanship they last extra long. This protects the children, saves the environment, the resources and the lifecycle cost. 70% of our steel and 85% of our aluminium is made of recycled material. Our bamboo panels are more wear-resistant and durable than tree wood. It's carbon footprint is many times better. All of our production has been PVC-free for many years. All remaining materials are put back into the recycling process. Our state-of-the-art powder coating process works solvent-free. All of our products meet and exceed the regulations for lead in paint, lead in substrate and phthalates.
At Berliner Seilfabrik, we don't just think green, we work green.


05-3

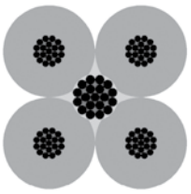


Ropes

The steel cable was invented in 1834. Berliner Seilfabrik commenced processing of steel cable in 1865, gaining a world renowned reputation for the manufacture of quality cable. We continue to use these traditional methods of cable manufacture to produce the U-Rope used in our play structures. Thus it can be ensured that the quality and safety specifications of our ropes are in accordance with our high requirements.

Furthermore, because we manufacture our own rope we are able to tailor the equipment to individual customer specifications with ease. Consequently we offer a broad range of rope diameters, wire cross sections and rope colours. We have a cable suitable for every application – regardless of the purpose or loading condition.

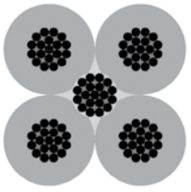
The external rope strands are covered with Polyester yarn (carpet yarn standard), ensuring maximum abraision resistance and colour fastness. Our steel wires, compliant with EN 10264, are galvanized and have a strength of 1770 N/mm2. For most ropes in reach of hands we use four-stranded cables, which have the same design as fibre ropes. This results in a course surface texture which provides an optimal grip.



90.990.160

16 STAN 4 PES SE
Ø 16 mm

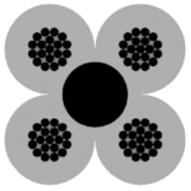
Standard rope for nets



90.991.160

16 RAND 4 PES SE
Ø 16 mm

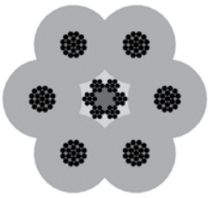
Edging rope for nets and bridges



90.998.160

16 FEDER 4 PES
Ø 16 mm

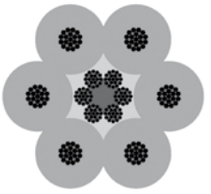
Rigid rope with steel core for tunnels and wasp's nest



90.994.181

18 SPRN 6 PES SE
Ø 18 mm

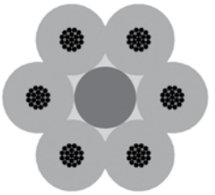
Standard rope for nets



90.994.201

20 SPRN 6 PES SE
Ø 20 mm

Rope for tensioning and add-on components

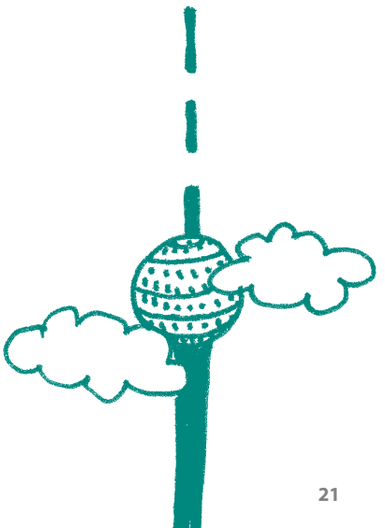


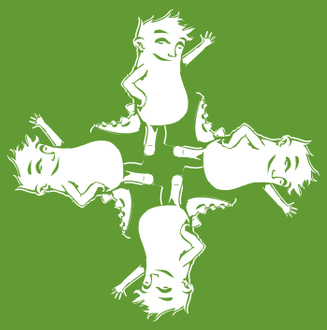
90.992.200

20 FLEX 6 PES FE
Ø 20 mm

Flexible rope with fibre core

Berliner Seil is only genuine with the coloured tracer thread "stranded with max. 63 rpm".





Greenville

This group of products has been further extended by the "Trii" range, which reinterprets the tree house concept. Held aloft by curving posts, Trii playhouses can easily be linked to each other via swinging bridges or tunnels. Entire tree house colonies can be created in the process.

"Towers" is the latest addition to the product group. Soaring up to eleven metres in the air, these will serve as the unmistakable flagships of any playground.

Various connecting elements such as tunnels or bridges can be found on page 159.

reddot design award
winner 2013

German
Design Award

WINNER

Only Berliner's cloverleaf rings ensure replaceability of single rope sections in spatial nets.

The Tree Houses, Towers and Rope Playhouses of **Greenville**

Further development of the Greenville rope playhouses and tree houses has created new fields in the design of playgrounds and the utilization of space, while blending in with the natural surroundings. These can be combined in endless configurations through the use of exciting connecting elements.

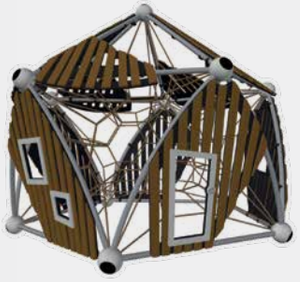
Tree houses (Triis):

See more information starting on p. 26

Towers:

See more information starting on p. 34

Rope-play houses (Bam & Boo):



See information starting on p. 42

Coloured HDPE-panels:

Red

Orange

Blue

Green

Yellow

Numerous Combination Possibilities:

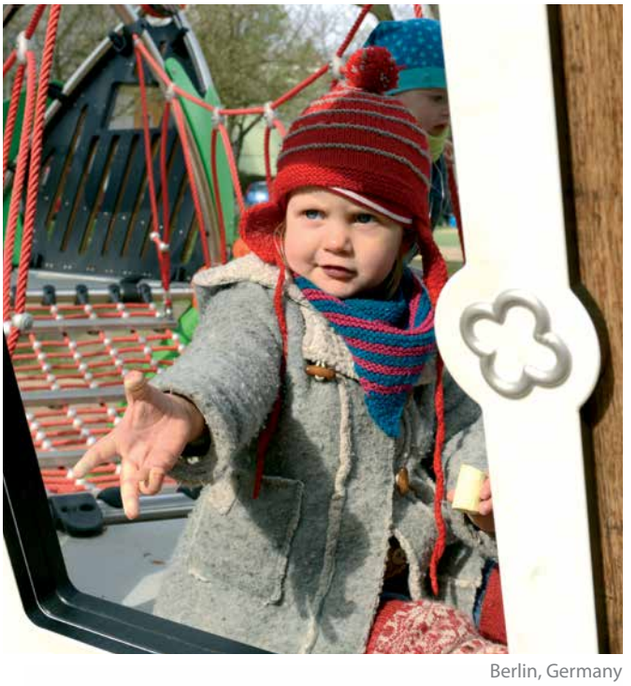
See information starting on p. 49

Our Triis can also be supplied with a four-sided ground plan, thereby multiplying the number of possible combinations.

Combi.102

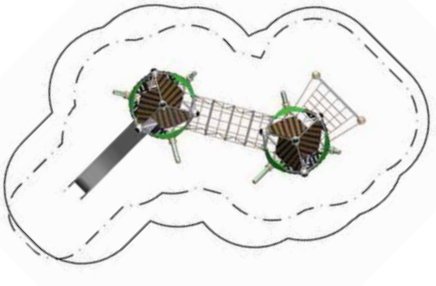
90.293.102

	(m)	7,5 x 6,0 x 3,2
	('-")	24-5 x 19-6 x 10-4
	EN 1176 (m)	11,0 x 8, 5
	ASTM/CSA (m)	11,1 x 9,2
	ASTM/CSA ('-")	36-5 x 31-6
	(m)	0,99
	('-")	3-3
		5



Berlin, Germany

These Trii combinations set the hearts of tiny tots racing. The Triis can be linked to each other via a bridge.



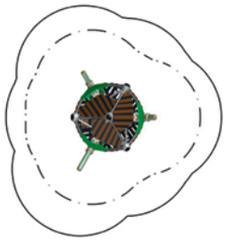
Trii1.01

90.292.100.1

	(m)	2,4 x 2,8 x 3,1
	('-")	8-0 x 9-4 x 10-4
EN 1176 (m)		4,9 x 4,9
ASTM/CSA(m)		6,1 x 6,5
ASTM/CSA ('-")		20-0 x 21-4
	(m)	0,99
	('-")	3-3
		5

Tree House Trii1 with a 1 metre platform and a ladder for access

Medebach, Germany



Bowl Swing
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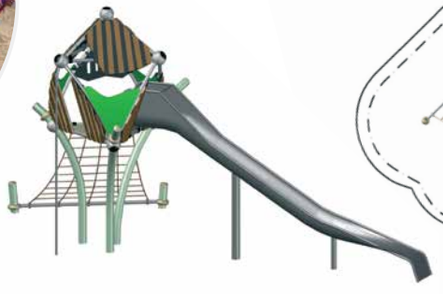
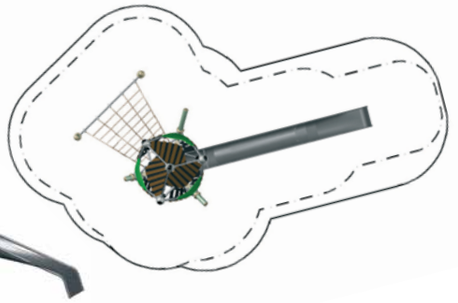




Trii2.08

90.292.200.8

	(m)	4,2 x 8,3 x 4,2
	('-")	13-9 x 27-1 x 13-7
EN 1176 (m)		7,2 x 11,8
ASTM/CSA(m)		7,9 x 12,3
ASTM/CSA ('-")		25-9 x 40-1
	(m)	1,99
	('-")	6-7
		5

Trii2 boasts a two metre high platform. Climbing Trii2.08 may prove a challenge, but this is more than made up for by the subsequent descent via a slide or sliding pole.

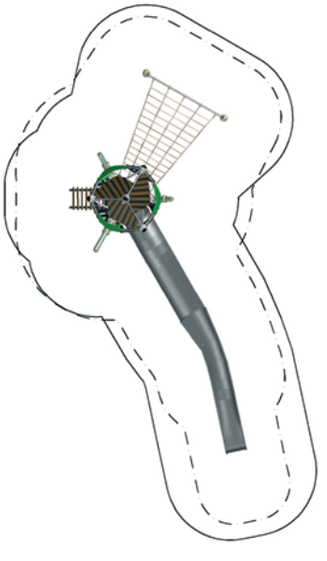
Trii3.03

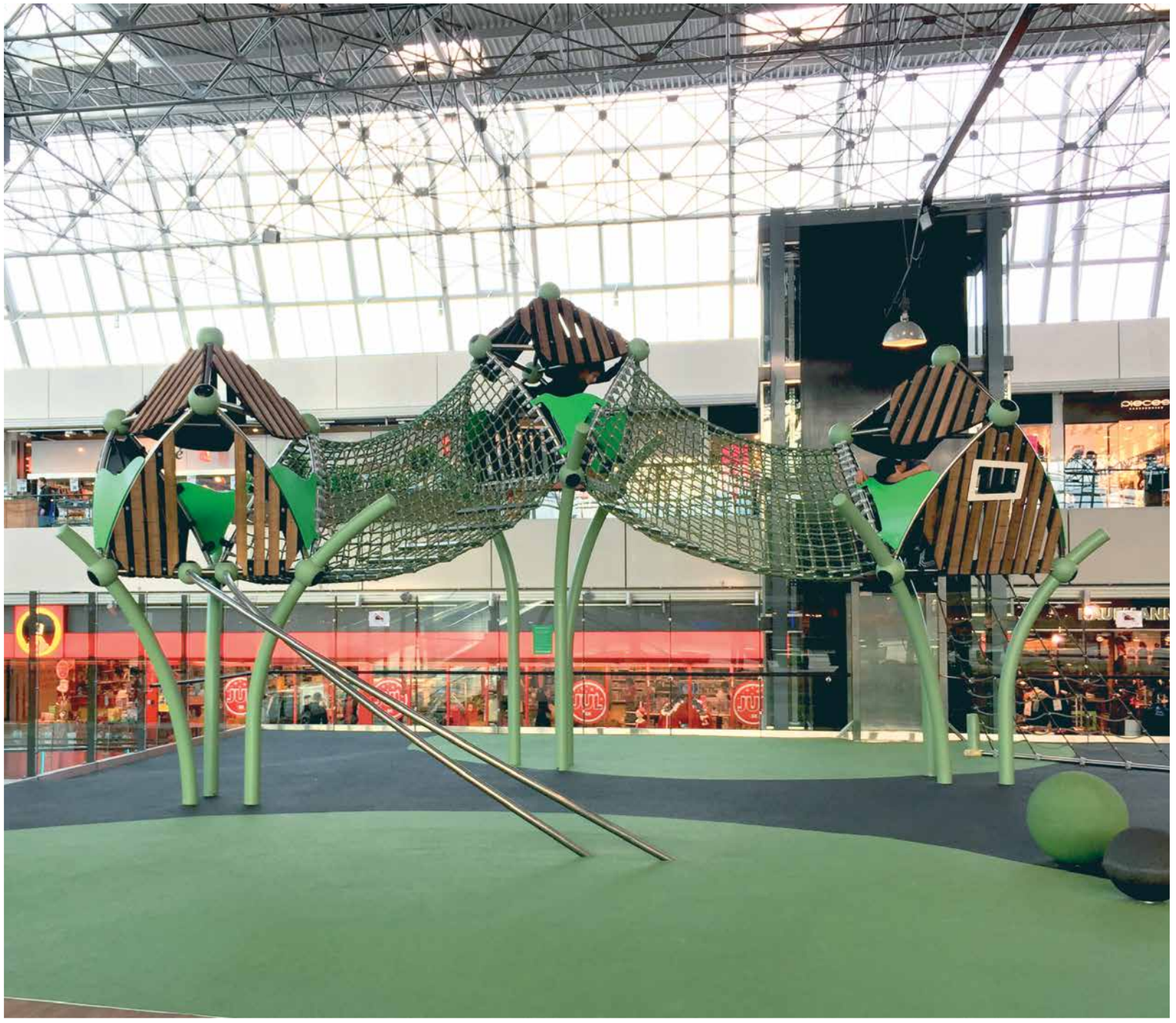
90.292.300.3

	(m)	5,0 x 10,9 x 5,2
	('-")	16-5 x 35-8 x 16-11
	EN 1176 (m)	7,8 x 14,4
	ASTM/CSA(m)	8,8 x 15,2
	ASTM/CSA ('-")	28-10 x 49-8
	(m)	2,99
	('-")	9-10
		5

The platform of Trii3.03 rises three metres above ground level. Children can pick up real speed going down the slide. The Trii in the picture has been combined with other products. More about this can be found in CombiNation on page 212.

New





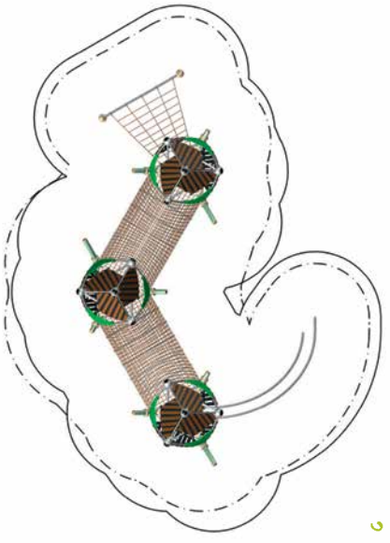
City 2 Shopping Centre, Sjælland, Denmark

Combi.039

90.293.039

	(m)	6,8 x 11,3 x 5,2
	('-")	22-3 x 36-10 x 16-11
	EN 1176 (m)	10,3 x 14,0
	ASTM/CSA (m)	10,5 x 14,9
	ASTM/CSA ('-")	34-3 x 48-10
	(m)	2,99
	('-")	9-10
		5

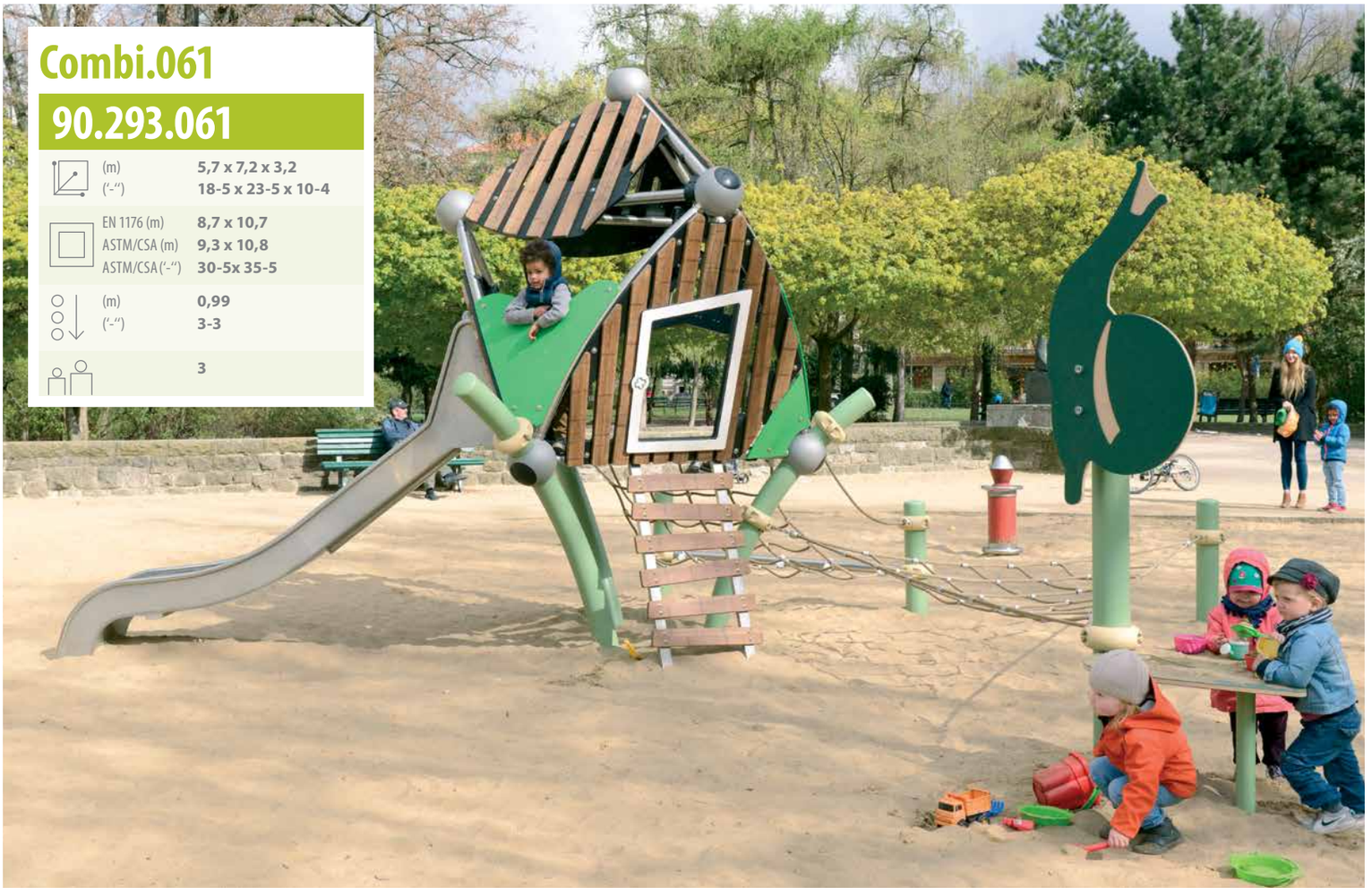
A Trii3 and two Trii2 's connected by two tunnels. One Trii2 has an access net and the other a curved banister.



Combi.061

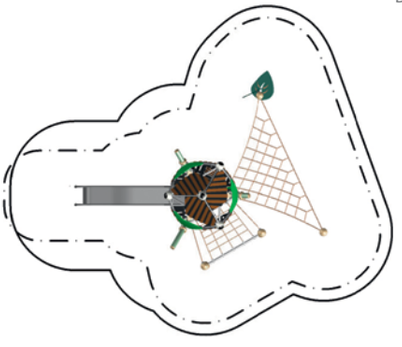
90.293.061

	(m)	5,7 x 7,2 x 3,2
	('-")	18-5 x 23-5 x 10-4
	EN 1176 (m)	8,7 x 10,7
	ASTM/CSA (m)	9,3 x 10,8
	ASTM/CSA ('-")	30-5x 35-5
	(m)	0,99
	('-")	3-3
		3



Berlin, Germany

This small Trii-Combi is particularly charming. In addition to the ladder and slide, a climbing net leads to a mud table, which appeals in particular to a playground's youngest users.



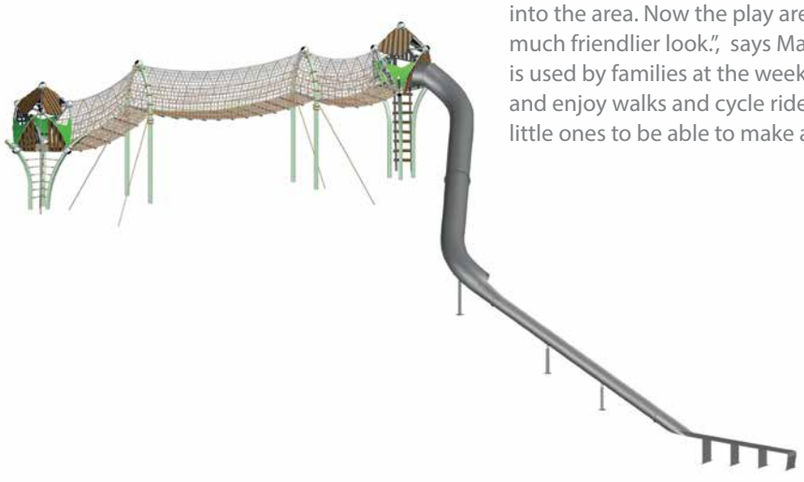
Breathing new Life into the **Neighbourhood**

Giesenberg play area in Wichlinghausen, a district of Wuppertal, has been given a complete overhaul. Wichlinghausen is known as a deprived area. The newly designed area should inject new life into the district. The new design is part of the "Social City of Oberbarmen/Wichlinghausen" programme. Better paths, more sun and new playequipment should be a success.

The landscape architect responsible for redesigning the area is Mattis Ricken. Mattis works for the city of Wuppertal and has been supervising the project from the very beginning.

We spoke to landscape architect Mattis Ricken: "The area itself has actually had a play park for many years. This was last refurbished in the eighties. Before building work began on the Nordbahntrasse though, the play area was set in a dark corner; it was also heavily overgrown and not considered very safe. Because of its shady location and vandalism, the play equipment was in very poor condition. As a result, children very rarely played here." The roots had destroyed parts of the paths and the foliage allowed very little light onto the play area. The wooden play equipment was most affected by this. It all had to be removed. The area also has an old piece of climbing equipment made by Berliner Seilfabrik, which has been given a new net as part of the developments. "

The work on the Nordbahntrasse was the trigger for giving the play area a new chance again. But it was clear that a few changes would have to be made to the area for this to happen. Before building work began, all the shrub undergrowth was therefore cut back and a few trees removed to allow light into the area. Now the play area is bright and visible and has a much friendlier look.", says Mattis Ricken. The Nordbahntrasse is used by families at the weekend to escape the busy traffic and enjoy walks and cycle rides. Now it's really exciting for the little ones to be able to make a stop at Giesenberg play area."



Combi.077

90.293.077

	(m)	2,6 x 15,1 x 5,2 (12,3)
	('-")	85-2 x 69-7 x 16-11 (40-4)
	EN 1176 (m)	29,5 x 18,1
	ASTM/CSA(m)	30,9 x 19,3
	ASTM/CSA ('-")	101-1 x 63-2
	(m)	2,99
	('-")	9-11
		5

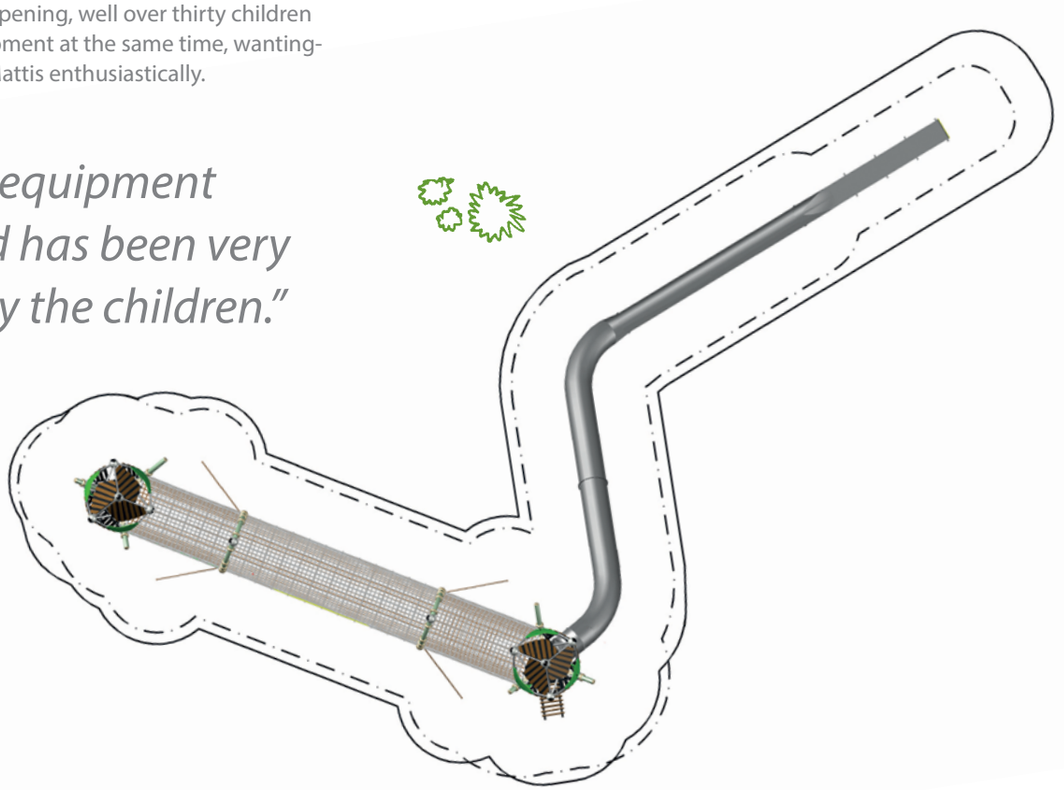
Wuppertal, Germany

The play area was built between May and September 2015. Eighty percent of the costs came from the federal and state governments.

"The topographical location of the play area was very challenging in the planning phase. Because of its position on the slope, there were only a few flat areas available. The one large, level surface is now taken over by the playing field made from artificial turf. The large slope has a vertical distance of over 15 metres. This was to be used as an opportunity to install a special piece of play equipment. Initially there was already a wooden tower here with a slide that led down into the valley. But the new play equipment needed to offer more: interesting climbing options, stay value, an open net bridge with a possibility to look across the whole play area, and of course, the play equipment itself had to be a design feature. The new play equipment is a real hit and has been very well received by the children. Even at the official opening, well over thirty children were rushing about the equipment at the same time, wanting-to climb and slide," explains Mattis enthusiastically.

"Originally, the old slide was going to be reused. Joining it to our new equipment wouldn't have been a problem. Our colleagues from the technology department have individual solutions for every play area. Unfortunately, however, the TÜV did not approve this. The slide itself no longer complied with today's standards," says Marcus Vellmanns, employee at Berliner Seilfabrik. New slope and guard rails had to be fitted. Now, instead of connecting steps, there is a ramp way in place. This means the nearby cycle and footpaths are easily accessible to both pedestrians with buggies and to cyclists – without steps. Landscape architect Mattis explains: "The play equipment is even visible from far away, inviting children to climb and speed down the slide into the valley. The children from the neighbouring school also really enjoy spending their break times in the play area again now."

"The new play equipment is a real hit and has been very well received by the children."



Tower2

90.295.002

	(m)	5,7 x 8,4 x 8,7
	('-'')	18-7 x 27-4 x 28-4

A castle turret? A secret rocket launch pad? A child's imagination can be boundless. The mighty tower erected on inclined posts can only be breached via a combination of plate-shaped nets and net matting. The five meter long tunnel slide promises to be a highlight of every playground visit.

Medebach, Germany

Tower3

90.295.003

	(m)	5,4 x 8,2 x 7,3
	('-")	17-8 x 26-10 x 23-10

The vertical tower is visible from quite some distance. But what's concealed behind its bamboo panels? Climbing nets rise up four levels to the apex. A slide on the second level offers an exit route.

Tower5

90.295.005

	(m)	9,3 x 3,2 x 7,4
	('-")	30-6 -10-6 x 25-4

Climbing up inside this special tower is exciting: leading up into the spacious playhouse at the top are ropes and nets arranged like a winding witch's staircase.

Tower9

90.295.009

	(m)	2,0 x 2,2 x 6,2
	('-")	6-7 x 7-2 x 20-2

Vertical posts hold the tree house aloft four meters above ground level. Getting to the top could not have been easy. Offering good views, the little house is also somewhere to take a quick breather.

Tower1

90.295.001

(m) 3,2 x 2,9 x 9,5
('-") 9-5 x 10-7 x 31-0

The ascent into the net sphere is via several tilted rings of netting. The 7.5 metre high viewing tower offers ample space to relax in and, for role playing children, can become either a retreat, command center or bird's nest.

Tower6

90.295.006

(m) 4,5 x 2,2 x 5,4
('-") 14-7 x 7-0 x 17-7

This mysterious tower can be climbed via plate-shaped nets. Four metres above ground level, an angled reclining surface invites visitors to relax and also offers commanding views over the valleys below.

Tower7

90.295.007

	(m)	4,8 x 4,8 x 10,8
	('-")	15-7 x 15-7 x 35-6

Courage, concentration and ambition are all required. At 145m³, the climbing web inside this tower offers maximum play volume on a minimal surface area, boasting multiple play options that only a climbing web can offer.

Tower4

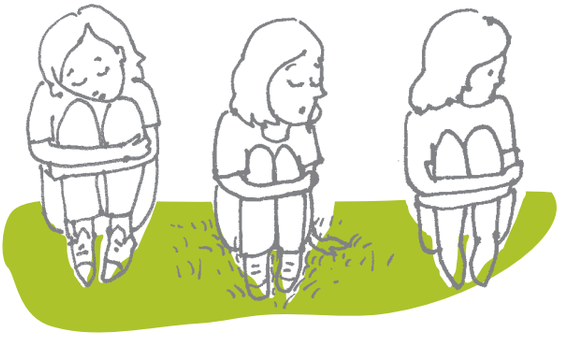
90.295.004

	(m)	8,4 x 8,7 x 10,5
	('-")	27-4 x 28-5 x 34-4

What looks confusing from the outside is structured on the inside. Level after level must be climbed to reach the top of this mystical tower. "Descent" is via the precipitous tunnel slide that winds half way around the tower. The tower is enclosed by safety netting that is virtually transparent, granting children maximum safety while accompanying adults are able to see clearly what's happening inside.

The Magical **Cloverleaf Ring**

Max is bored so heavily, that boredom is too soft of a term for that.
It's rather a black hole that is absorbing Max's good mood, like what a straw does with Max's soda. He stands at the playground with neither soda nor anyone to play with.
And exactly because of that Max grunts:
"I am bored!"

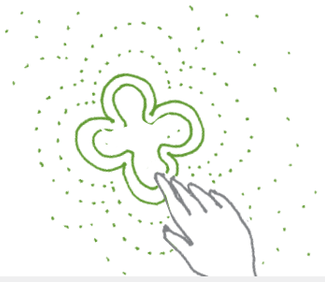


"What am I supposed to play?"

"Harvey", it says.
"Huh?", asks Max.
"-vey!", nods the greeny, "that's my name. And this here …", tapping the play structure, "…is your world."
"What?", Max forgets to close his mouth after his last "what". Harvey rolls his eyes: "Say it!"
"It's my world?", asks Max.

Right at this moment a cloverleaf-shaped silver ring lights up above the entrance to the play structure.
Harvey giggles: "The magical cloverleaf ring! It's fun! I Promise!" Slowly Max reaches out and touches the cloverleaf ring. It tingles as much as it twinkles.
Max whispers: "It's my world!"

"Why?", it creaks from Max's left side. But there is no one there on Max's left side.
"Because there is nothing going on here", answers Max regardless.
"Really nothing?", is the reply.
"That's what I said", grumbles Max, his bad mood making him be rude even to what cannot be seen. Max is done with the conversation. He's about to leave. But in the middle of his turn around, Max spots something green in the door of the Rope-play house. It looks a littlelike a wingless dwarf dragon. Or a bald, green dumpling. Or a poorly dressed caterpillar. And it smiles from one ear to another.



It is a jewel, though more useful: The cloverleaf ring connects ropes at their crossing points. Because of its elaborate shape, it does so child-safely and without sharp edges or entrapments. For the big ones it makes the replacement of individual rope strands a simple task.

The cloverleaf ring is made in a forging die. Thus, the aluminium's fiber course is optimized and the ring enormously long-lasting.

Inside the cloverleaf ring there is our ingenuity. And for the kids there is some magic in it as well.

Uranus‘ Blockheads

“Come inside! Who do you wanna be?“, chuckles Harvey.
Max doesn’t have to think twice: “An Anti-Alien-Agent!”
While crossing the headquarters’ threshold, the earth is as good as blasted away.
“About time, agent Eight-X!” calls Five-Q.
The SPECIES = SPecial Entity Covering Interesting Extraterrestrial Scoundrels,
is in uproar. “We’ve got a massive problem with invaders from Uranus!”, adds Twelve-D, while she tries to eliminate the picture’s blurriness by adjusting the monitor.
Eight-X takes a look at the aliens’ image getting sharper

„An Anti-Alien-Agent!“

“So it’s Uranians. For years I’ve studied their behavior.
When threatened, they explode one after another – triggering a supernova!”
„What do you suggest, Eight-X?“, asks the young female agent Five-Q anxiously.
Eight-X thinks as quickly as possible.
„We lure them into our bomb shelter with Sodium Acid filled chocolate.
There we’re going to tease them and suck out the Uranian explosion energy!”
“Splendid idea!”, chuckles Five-Q with a slap on Eight-X’s back, “This is going to produce power for three thousand years!”
Unfortunately it turns out the Uranians, bursting with rage, transform into super difficult math assignments – surprising news even for an old hand agent such as Eight-X.

Luckily every SPECIES-Agent is as smart as nine teachers plus four fruit sellers,
so that the three of them need less than 300 seconds to resolve all 27 questions.

Read more Max and Harvey stories:

Bam.01

90.270.001

	(m)	8,2 x 4,5 x 3,3
	('-")	26-11 x 14-7 x 10-9
	EN 1176 (m)	11,8 x 8,0
	ASTM/CSA(m)	12,1 x 8,3
	ASTM/CSA ('-")	39-7 x 27-4
	(m)	2,00
	('-")	6-7
		5

Big rope-play house with a space net, bamboo panels, access membrane and a concave curved slide.

Berlin, Germany

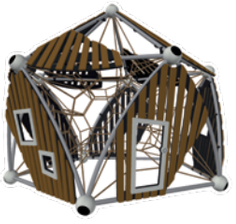
Vary with a whole host of add-on elements and combination possibities.

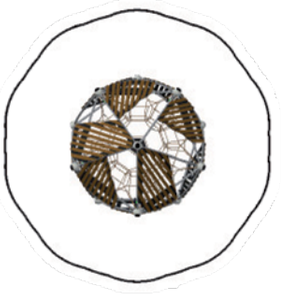
Bam

90.270.000

	(m)	4,0 x 3,8 x 3,3
	('-")	13-1 x 12-6 x 10-9
	EN 1176 (m)	7,7 x 7,5
	ASTM/CSA(m)	7,7 x 7,5
	ASTM/CSA ('-")	25-1 x 24-6
	(m)	2,00
	('-")	6-7
		5

Big rope-play house with a space net and bamboo panels.





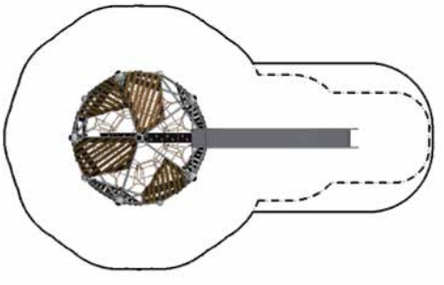
Bam.03

90.270.003

	(m)	8,2 x 3,8 x 3,3
	('-")	26-11 x 12-6 x 10-9
	EN 1176 (m)	12,0 x 7,5
	ASTM/CSA(m)	12,1 x 7,5
	ASTM/CSA ('-")	39-8 x 24-6
	(m)	2,00
	('-")	6-7
		5

Big rope-play house with a space net, bamboo panels, access membrane and a straight box slide.


Berlin, Germany



Boo

90.280.000

	(m)	3,1 x 3,0 x 2,6
	('-")	10-1 x 9-8 x 8-4
	EN 1176 (m)	6,1 x 6,0
	ASTM/CSA(m)	6,8 x 6,6
	ASTM/CSA ('-")	22-1 x 21-8
	(m)	1,53
	('-")	6-0
		3

Small rope-play house with a space net and bamboo panels.

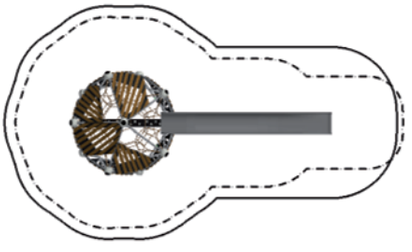
Discover our new window and climb-through access designs

Boo.01

90.280.001

	(m)	7,4 x 3,0 x 2,6
	('-")	24-4 x 9-8 x 8-4
	EN 1176 (m)	11,0 x 6,0
	ASTM/CSA(m)	11,1 x 6,6
	ASTM/CSA ('-")	36-4 x 21-8
	(m)	1,53
	('-")	6-0
		3

Small rope-play house with a space net, bamboo panels, access membrane and a straight concave slide.

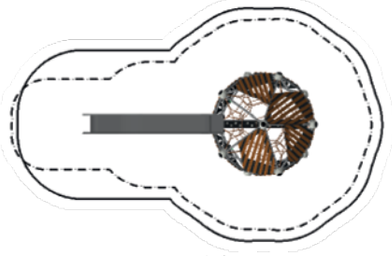


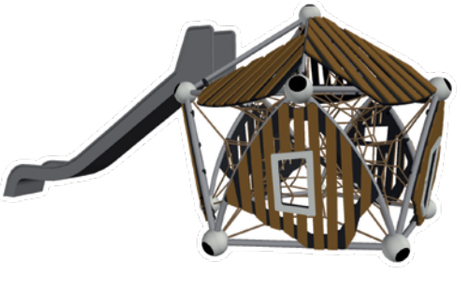
Boo.02

90.280.002

	(m)	6,7 x 3,0 x 2,6
	('-")	21-10 x 9-8 x 8-4
	EN 1176 (m)	10,2 x 6,0
	ASTM/CSA(m)	10,3 x 6,6
	ASTM/CSA ('-")	33-10 x 21-8
	(m)	1,53
	('-")	6-0
		3

Small rope-play house with a space net, bamboo panels, access membrane and a straight box slide.





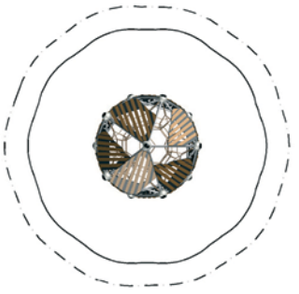
Double Boo

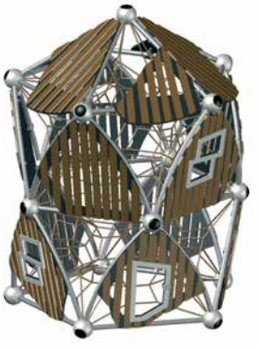
90.280.000.2

	(m)	3,1 x 3,0 x 4,0
	('-")	10-1 x 9-8 x 12-11
	EN 1176 (m)	8,0 x 7,4
	ASTM/CSA(m)	6,8 x 6,6
	ASTM/CSA ('-")	22-1 x 21-8
	(m)	2,94
	('-")	9-8
		5

The rope-play house beckons kids four metres up via a rope climbing web.


Bexley, GB



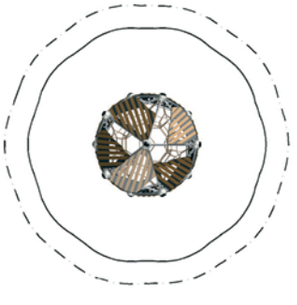


Triple Boo

90.280.000.3

	(m)	3,1 x 3,0 x 5,4
	('-")	10-1 x 9-8 x 17-7
	EN 1176 (m)	8,0 x 7,9
	ASTM/CSA(m)	6,8 x 6,6
	ASTM/CSA ('-")	22-1 x 21-8
	(m)	2,94
	('-")	9-8
		5

A climbing web is the ideal basis for every climbing structure. In this rope-play house the three dimensional net is five metres high.



PentaBoo M

91.200.022

	(m)	10,5 x 10,0 x 6,2
	('-")	34-4 x 32-8 x 20-4
	EN 1176 (m)	13,0 x 13,5
	ASTM/CSA(m)	13,7 x 14,2
	ASTM/CSA ('-")	44-9 x 46-5
	(m)	0,92
	('-")	6-0
		5

With this Boo play house up in the air, who wouldn't want to climb to the top? To accommodate the bamboo covered lookout, the Pentagode's (> page 94) tensioning system has been modified and guy ropes added.

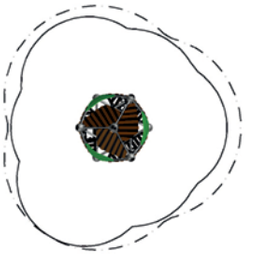
Berlin, Germany

Rock'n'Trii

90.292.301.0

	(m)	2,0 x 2,2 x 5,1
	('-")	6-4 x 7,2 x 16-9
	EN 1176 (m)	6,7 x 6,9
	ASTM/CSA(m)	6,1 x 6,5
	ASTM/CSA ('-")	20-0 x 21-4
	(m)	2,99
	('-")	9-10
		5

Our playhouse on the edge of the cliff. Will you manage to climb up?

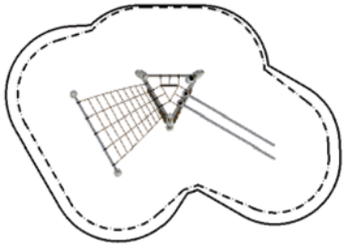


Peak.01

90.292.001

	(m)	5,9 x 3,0 x 4,7
	('-")	19-2 x 9-10 x 15-2
	EN 1176 (m)	8,9 x 6,3
	ASTM/CSA(m)	9,5 x 6,7
	ASTM/CSA ('-")	31-2 x 21-10
	(m)	2,00
	('-")	6-7
		5

Climbing tower with bamboo panels, an access net, rope ladder, climbing rope and straight banister.

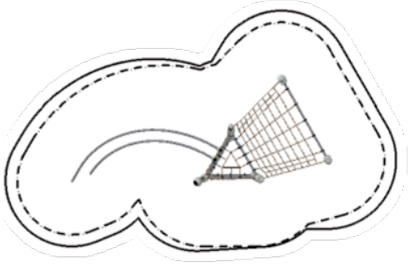


Splash.01

90.291.001

	(m)	7,4 x 3,2 x 4,7
	('-")	24-3 x 10-3 x 15-2
	EN 1176 (m)	10,4 x 6,4
	ASTM/CSA(m)	11,1 x 6,8
	ASTM/CSA ('-")	36-3 x 22-3
	(m)	2,00
	('-")	6-7
		5

Lookout with bamboo panels, an access bridge, rope ladder, climbing rope and curved banister.



Combi.06

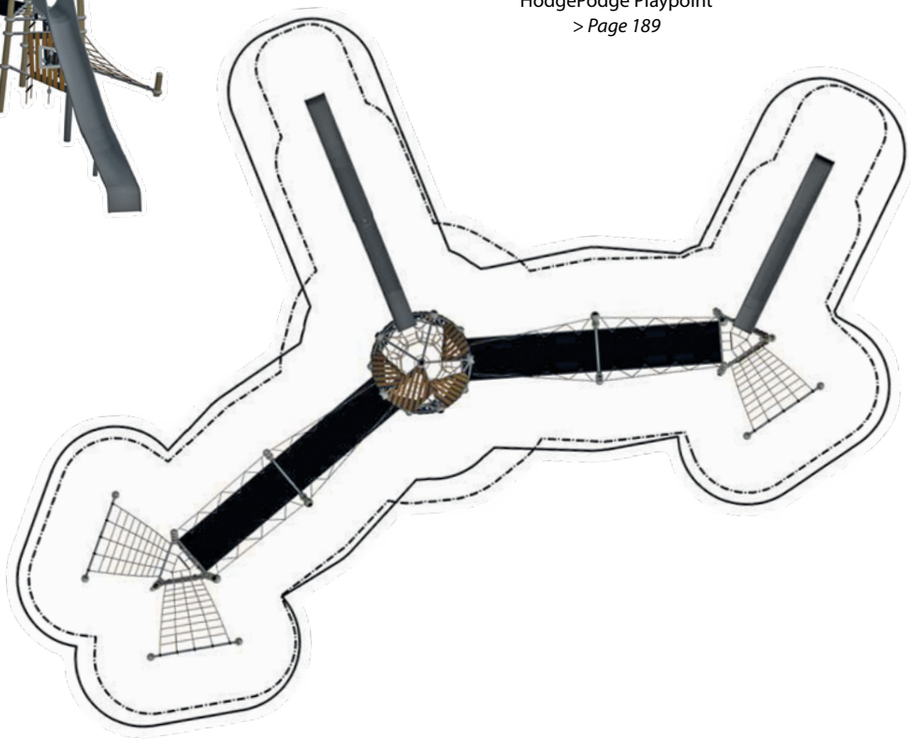
90.293.006

	(m)	22,1 x 15,7 x 4,6
	('-")	72-8 x 51-8 x 15-2
	EN 1176 (m)	25,4 x 19,2
	ASTM/CSA(m)	26,0 x 19,7
	ASTM/CSA ('-")	85-2 x 64-6
	(m)	2,94
	('-")	9-8
		5

Two-storey rope-play house Boo with a space net, bamboo panels, access membrane and concave straight slide. Two rubber bridges leading to look-outs with bamboo panels, climbing ropes, rope ladders, access nets and small concave slide.

Bexley, GB

In the Background:
HodgePodge Playpoint
> *Page 189*



Combi.045

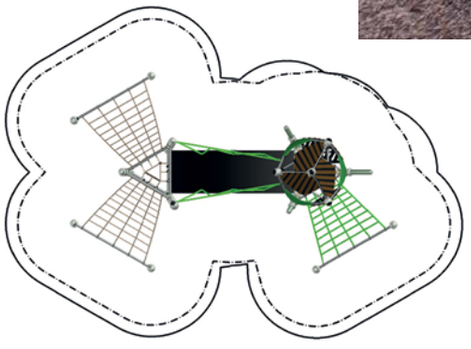
90.293.045

	(m)	9,3 x 5,7 x 4,7
	('-")	30-4 x 18-6 x 15-2
	EN 1176 (m)	8,7 x 12,3
	ASTM/CSA(m)	9,3 x 12,9
	ASTM/CSA ('-")	30-7 x 42-4
	(m)	2,40
	('-")	7-11
		5

A combination of Trii and Splash, linked by a rubber bridge

New

Neumarkt, Germany



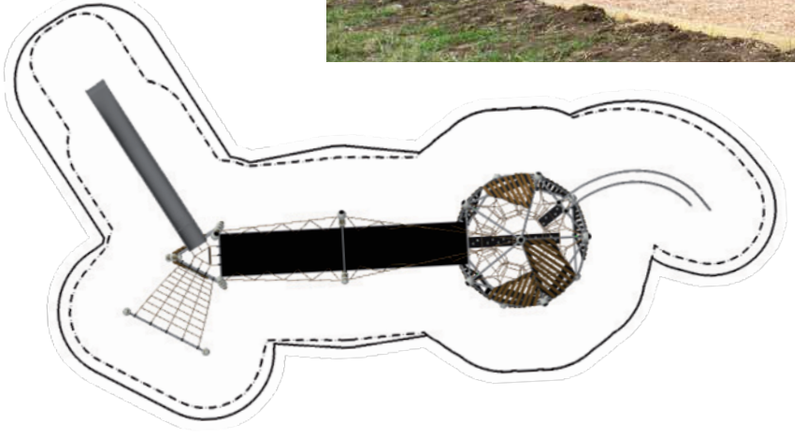
Combi.02

90.293.002

	(m)	17,6 x 8,0 x 4,7
	('-")	57-6 x 26-2 x 15-2
	EN 1176 (m)	20,6 x 11,4
	ASTM/CSA(m)	21,4 x 11,9
	ASTM/CSA ('-")	70-0 x 39-1
	(m)	2,30
	('-")	7-4
		5

Big rope-play house with a space net, bamboo panels, access membrane and curved banister. Climbing tower with bamboo panels, access net, rope ladder, climbing rope and a straight concave slide, connected by a long rubber bridge.

Toulouse, France

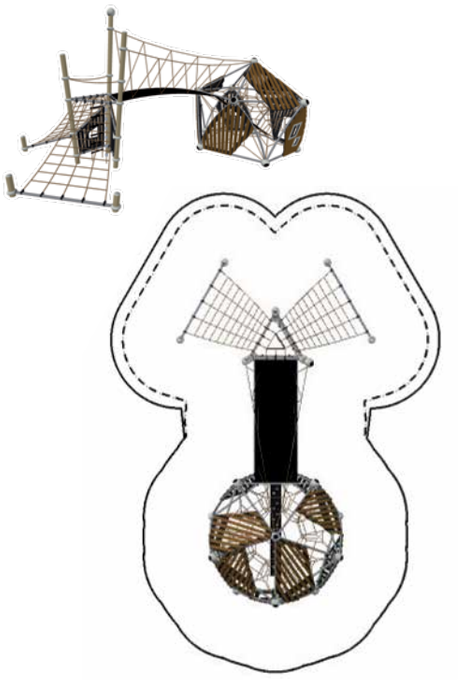


Combi.03

90.293.003

	(m)	9,9 x 5,7 x 4,7
	('-")	32-3 x 18-7 x 15-2
	EN 1176 (m)	13,2 x 8,7
	ASTM/CSA(m)	13,5 x 9,3
	ASTM/CSA ('-")	44-3 x 30-7
	(m)	2,30
	('-")	7-4
		5

Big rope-play house with a space net and bamboo panels, a small rubber bridge leading to a look-out with bamboo panels, a climbing rope, rope ladder and two access nets.

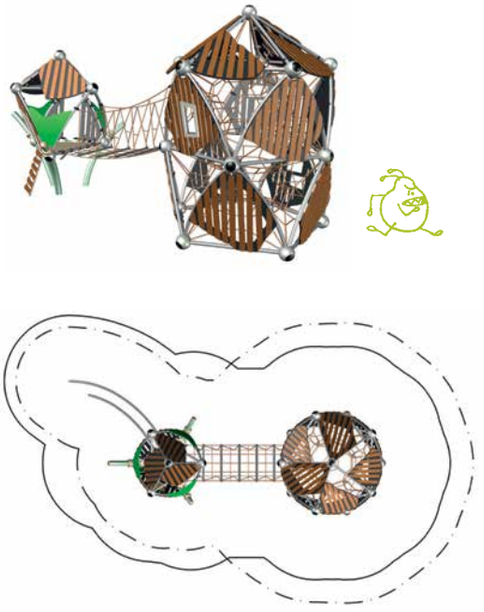


Combi.024

90.293.024

	(m)	3,9 x 9,0 x 4,0
	('-")	12-7 x 29-6 x 13-0
	EN 1176 (m)	7,9 x 13,0
	ASTM/CSA(m)	6,6 x 12,7
	ASTM/CSA ('-")	21-8 x 41-6
	(m)	2,94
	('-")	9-8
		5

Rope-play house Double Boo including a space net, a Trii1 with banister and ladder connected with a bridge.

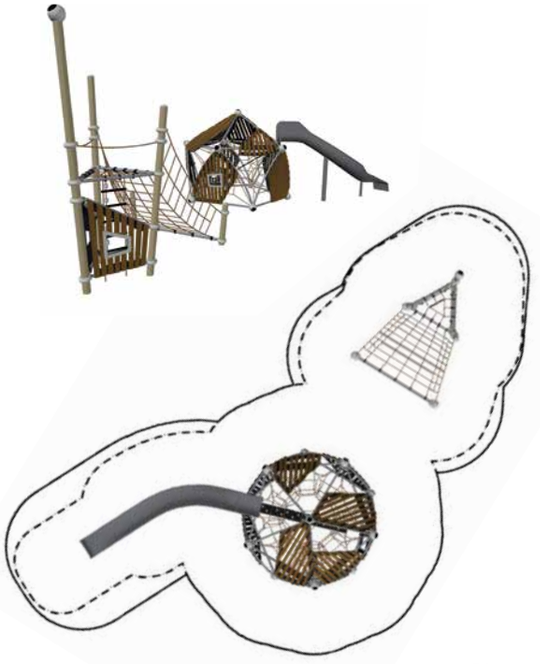


Combi.01

90.293.001

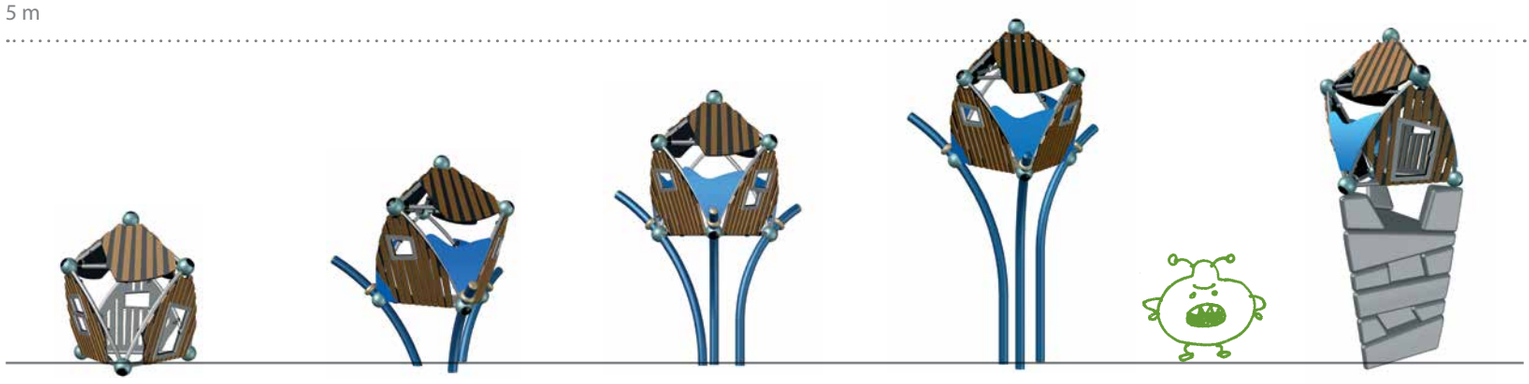
	(m)	12,5 x 7,2 x 4,7
	('-")	40-9 x 23-6 x 15-2
	EN 1176 (m)	15,9 x 10,5
	ASTM/CSA(m)	16,4 x 11,0
	ASTM/CSA ('-")	53-7 x 35-11
	(m)	2,00
	('-")	6-7
		5

Big rope-play house with a space net, bamboo panels, access membrane and concave curved slide. A lookout with bamboo panels, rope ladder, climbing rope and access bridge.



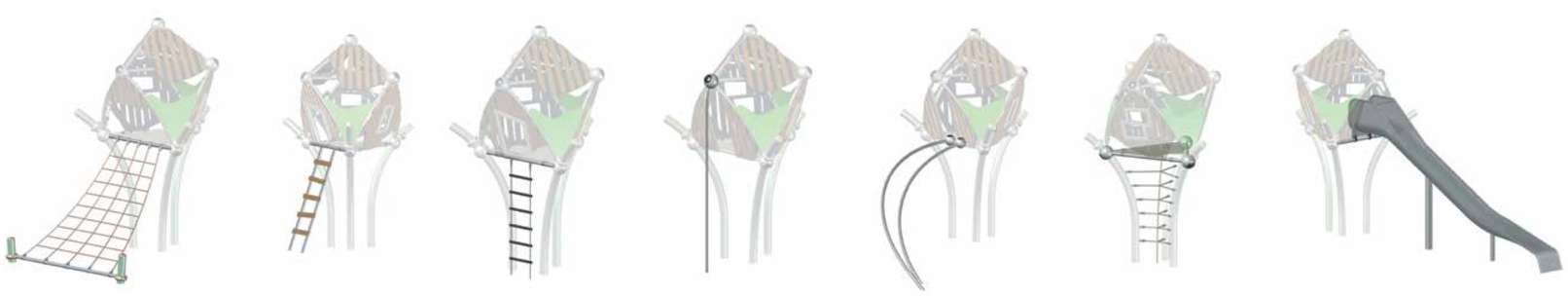
Towers, Triis and Rope-Play Houses

The size of the safety areas required beneath our Towers & Triis depends on the design and construction of the combination in question. Please contact us and we can provide you with a calculation of these. We can also supply you with an attractive visualization of your unique climbing landscape.

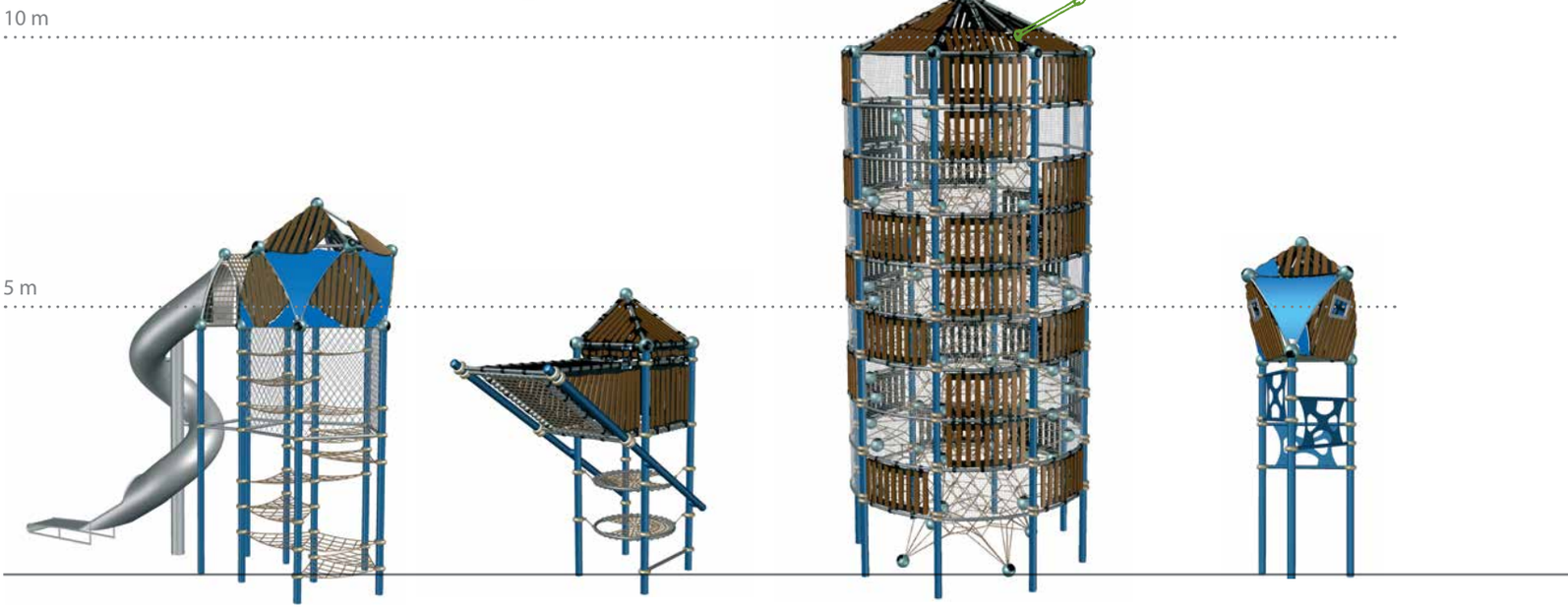


More heights and shapes in our Rock'n'Trii range on request

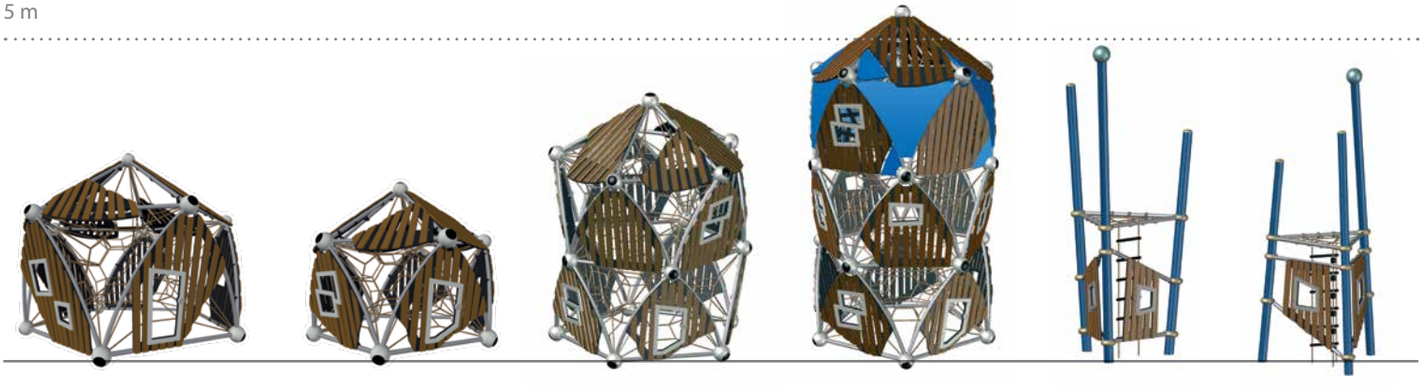
Trii Add-On Components



Access net | Ladder | Rope ladder | Sliding pole | Banister | Inner net | Slide



Tower5 **Tower6** **Tower7** **Tower9**

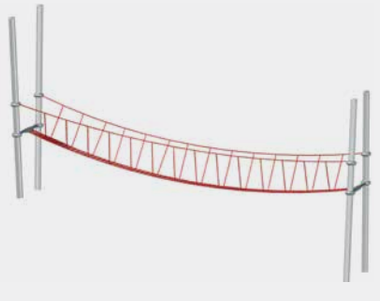


Bam **Boo** **DoubleBoo** **TripleBoo** **Splash** **Peak**

Rope tunnel

Suspension bridge

More add-on components



Various connecting elements in the form of tunnels and bridges can be found on page 159.

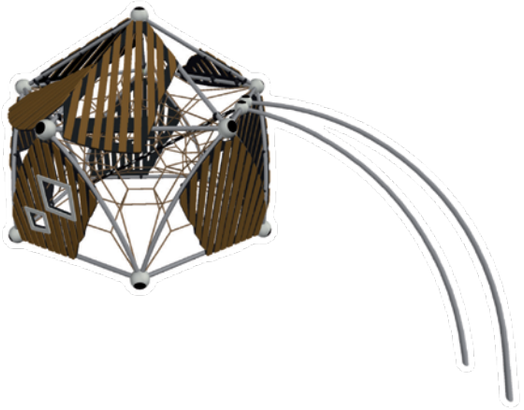
Bombastic **Bamboo!**

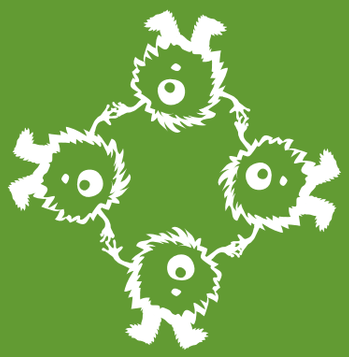
Our panels look like wood but they are more durable and ecologically friendly. Bamboo – nature's high-tech.

The better is the enemy of the good, as once said by a famous philosopher. That's why we utilize bamboo instead of tree wood. Botanically speaking bamboo is no tree, it belongs to grasses. Its qualities, however, are next to none of the domestic trees. It's extremely wear-resistant and durable. Harder than oak for instance. Its carbon footprint is remarkable, also happily noted by environmental associations. Hardly any other plant absorbs as much carbon dioxide. Bamboo is capable of growing one meter per day. This is more than our deciduous trees grow within a year. For our bamboo panels, extra long bamboo fibers are grouted with resin under high pressure. The warm, dark brown colour develops naturally through caramelizing in special ovens.

Our playgrounds are built for generations. They are sustainable because due to using high quality materials and first-class workmanship they last extra long. This protects the children, saves the environment, the resources and the lifecycle cost. 70 % of our steel and 85% of our aluminium is made of recycled material. Our bamboo panels are more wear-resistant and durable than tree wood. It's carbon footprint is many times better. All of our production has been PVC-free for many years. All remaining materials are put back into the recycling process. Our state-of-the-art powder coating process works solvent-free. All of our products meet and exceed the regulations for lead in paint, lead in substrate and phthalates.

At Berliner Seilfabrik, we don't just think green, we work green.

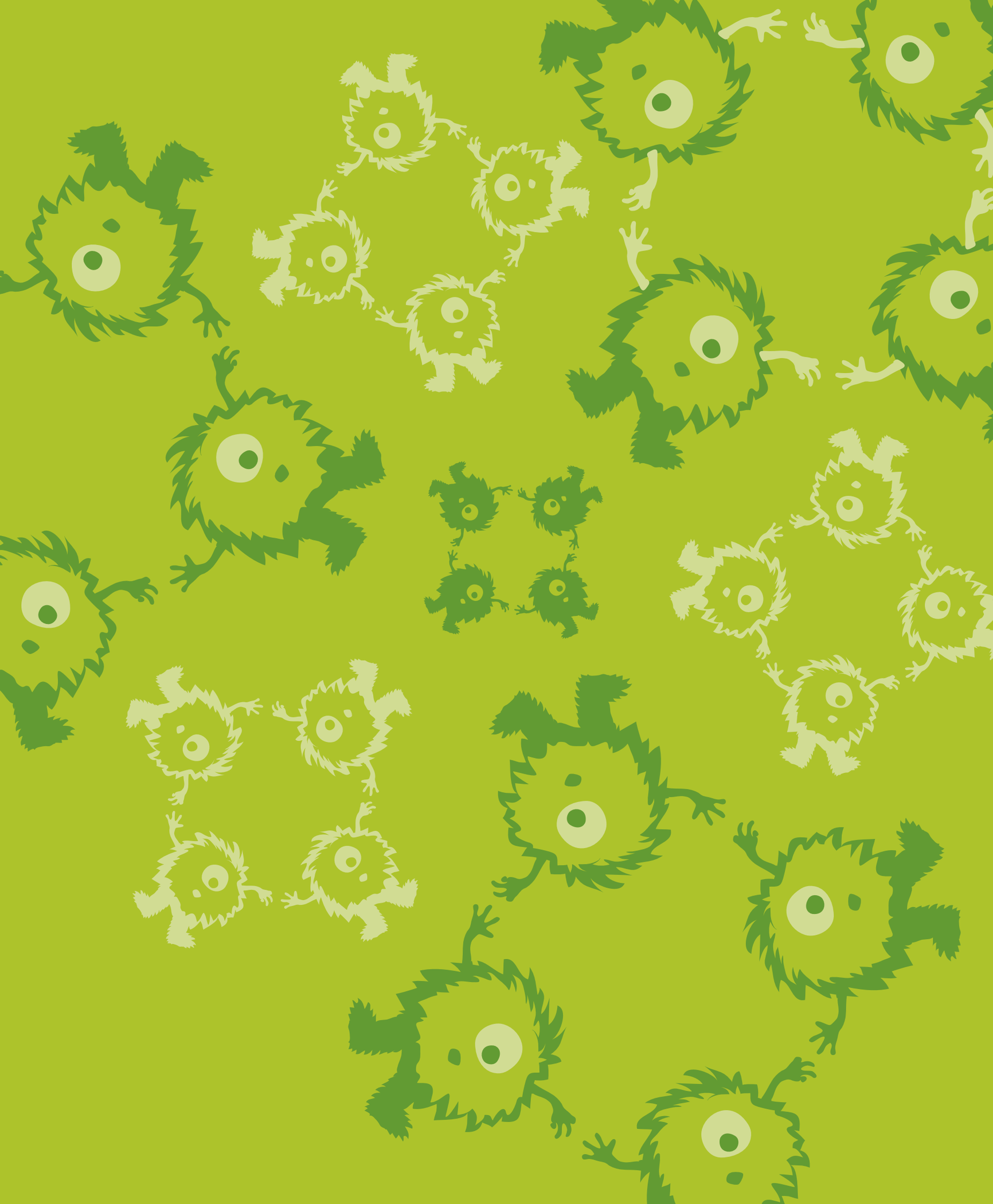




New

Spooky Rookies

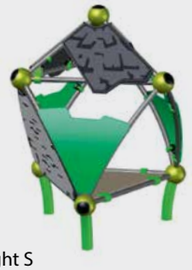
New products for climbing novices! Berliner's latest products have been developed with crèches and nurseries as well as public playgrounds in mind. These products are especially geared to the needs of children from 0-3 years of age, fostering early motor and psychomotor development. As always, our cute "Spoo" and "Roo" playhouses can be supplied with a host of add-on components in various combinations. A number of play functions have already been incorporated – such as counters, mud table, tic-tac-toe and memory games.



Basics
Spooky Rookies

Berliner Seilfabrik launches a new line in play equipment, which appeals in particular to children up to the age of 3 (U3). Two cute playhouses with two different platform heights each of 45 cm and 90 cm will be released under the name of Spooky Rookies. Spoo, the smaller one of the two playhouses, is based on a triangular shape. Roo has a square floor imprint. As usual, due to their modular system the playhouses can be connected by various elements, such as rope or rubber bridges, irrespective of their height and basic shape. The little playhouses are available in 4 different colours and 3 panel types. You can choose any combination.

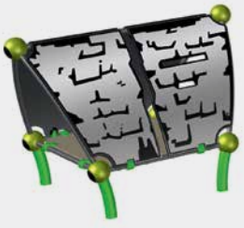
Spoo:



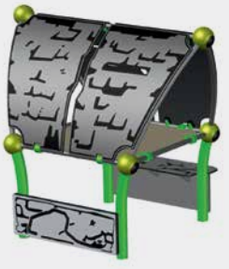
Height S

Height M

Roo:



Height S

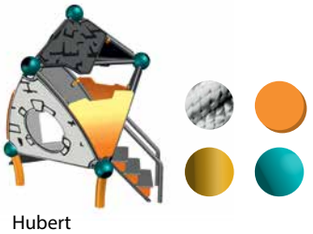


Height M

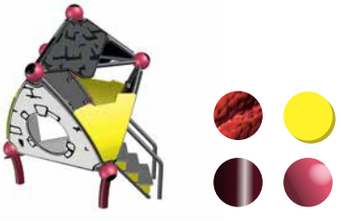
The colour options:

Erwin

Fiona



Hubert



Gertrud

Themes:

Greenville-style

Mixed-style

Ragged-style

Spoo S.01

90.295.000.1

(m)	2,0 x 2,3 x 2,2
('-'')	6-6 x 7-6 x 7-2
EN 1176 (m)	4,6 x 5,3
ASTM/CSA(m)	5,7 x 6,0
ASTM/CSA ('-'')	18-6 x 19-6
(m)	0,45
('-'')	1-6
	3

Spooky house Spoo S with stepladder, ramp and window

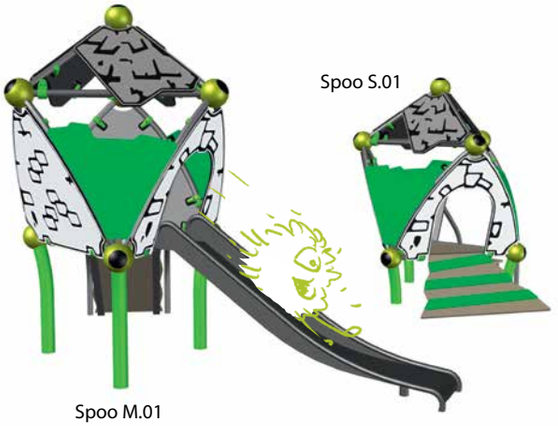
Theme shown: Mixed-style, colour option: Hubert

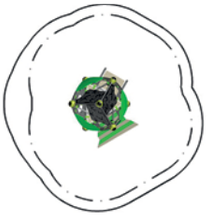
Spoo M.01

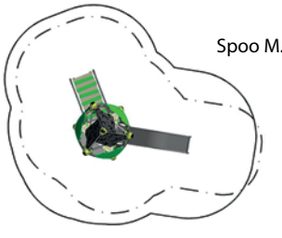
90.295.100.1

(m)	3,7 x 2,4 x 2,7
('-'')	12-0 x 7-11 x 8-8
EN 1176 (m)	7,0 x 5,5
ASTM/CSA(m)	7,3 x 6,2
ASTM/CSA ('-'')	24-0 x 20-2
(m)	0,90
('-'')	3-0
	3

Spooky house Spoo M with slide and ramp







Roo M.03

90.295.600.3

	(m)	1,9 x 4,8 x 2,1
	(‘-‘‘)	6-3 x 15-7 x 6-10
EN 1176 (m)		4,9 x 8,3
ASTM/CSA(m)		5,6 x 8,4
ASTM/CSA (‘-‘‘)		18-3 x 27-7
	(m)	0,90
	(‘-‘‘)	3-0
		3

Large haunted house Roo M.03 with ramp and slide in the colour combination Erwin. Twin counters beneath the haunted house create another play area.

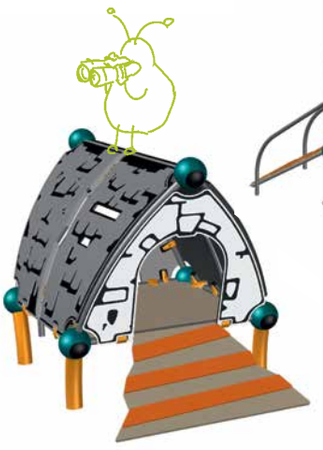
Colour option shown: Erwin

Roo S.01

90.295.500.1

	(m)	1,6 x 2,6 x 1,7
	(‘-‘‘)	5-1 x 8-7 x 5-5
EN 1176 (m)		4.6 x 5,6
ASTM/CSA(m)		5,2 x 6,3
ASTM/CSA (‘-‘‘)		17-1 x 20-7
	(m)	0,45
	(‘-‘‘)	1-6
		3

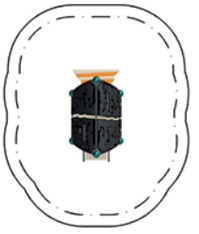
Spooky house Roo S with stepladder and ramp



Roo S.01

Roo M.03

Roo M.03



Roo S.01

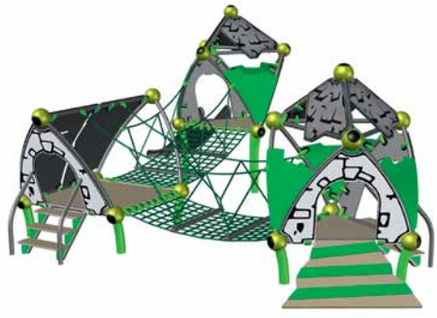
SpooRoo Combi.01

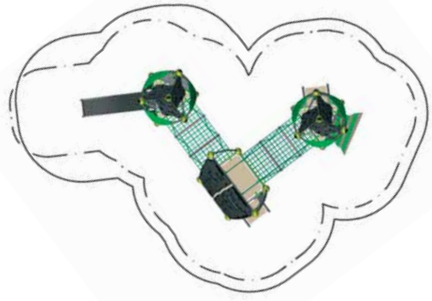
90.296.001

	(m)	8,5 x 5,8 x 2,7
	('-")	21-1 x 18-11 x 8-8
	EN 1176 (m)	9,8 x 8,8
	ASTM/CSA(m)	10,1 x 9,5
	ASTM/CSA ('-")	33-1 x 30-11
	(m)	0,90
	('-")	3-0
		3

A spooky house Spoo S with a ramp and a stepladder, a spooky house Roo S with a ladder and a Spoo M with a slide, all of them connected by suspension bridges

Theme shown: Ragged-style, colour option: Erwin





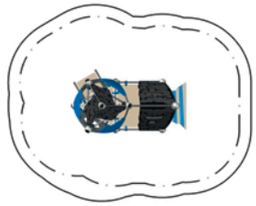
SpooRoo Combi.02

90.296.002

	(m)	1,8 x 3,3 x 2,2
	('-")	5-9 x 10-9 x 7-2
	EN 1176 (m)	4,8 x 6,4
	ASTM/CSA(m)	5,6 x 7,1
	ASTM/CSA ('-")	18-3 x 23-2
	(m)	0,45
	('-")	1-6
		3

A spooky house Spoo S with a ladder and a window linked directly to a spooky house Roo S with a ramp

Theme shown: Greenville-style



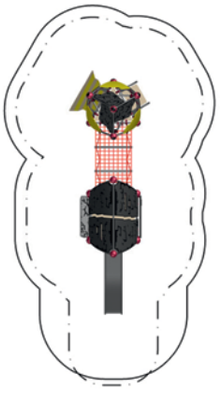
SpooRoo Combi.03

90.296.003

	(m)	2,3 x 6,9 x 2,2
	('-")	7-4 x 22-8 x 7-2
	EN 1176 (m)	5,3 x 10,5
	ASTM/CSA(m)	6,0 x 10,6
	ASTM/CSA ('-")	19-6 x 34-8
	(m)	0,90
	('-")	3-0
		3

A spooky house Spoo S with a ramp and a stepladder and a spooky house Roo M with a slide connected by a suspension bridge

Colour option shown: Gertrud



Add-on elements

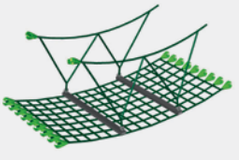
Window:

Slide:
(only Spoo M and Roo M)

Stepladder:

Ramp:

Suspension bridge:



Linked directly:

Play-panels:
(only Spoo M and Roo M)

Track the mouse | Tic-tac-toe | Sand play

Great Fun for **Small Children**

Early motor and psychomotor development is important for later life. With this in mind, it's important to nurture and challenge children from the earliest age. Berliner Seilfabrik has launched a new range of play equipment suitable for the under threes (U3). These small playhouses, called Spooky Rookies, have been customised for their needs. A multitude of products from Berliner's other ranges also offer nursery children a lot of fun as well as many opportunities to develop.

It's important to create a safe and comprehensive range of play possibilities for this age group, through which they can improve their social and motor skills. Classic playground activities such as using the swing or slide are just as popular as opportunities to acquire everyday skills such as buying and selling, climbing stairs and cooking.

>

When it comes to a playground's functionality, it soon becomes clear from watching small children at play that the simplest play equipment is all they need to start trying things out, developing basic skills in the process. It should be possible for them to reach the top of a slide unaided before they slide down it. And if climbing, they would benefit from being able to choose from varying levels of climbing difficulty. Nets, ladders, slopes as well as steps give them a variety of choices. Closer observation shows that ascent or descent can in itself be their goal. Bridges with rubber membranes or narrow mesh netting are very popular, teaching them balance as well as helping them reach the next step of their development - whether it's standing, running, hopping or riding a bicycle. Having mastered one step of their development, children are keen to move straight on to the next challenge, further testing their balancing skills in the process. It's exciting for young children learning to walk to run up and down ramps, master narrow walkways, or walk on uneven floors. Small rope nets allow young children to gain their first experience of climbing in three dimensions. This also meets another of their needs: children aim high! They enjoy having a good view, not to mention imagining they are masters of all they survey. Up here it feels as wonderful as being on papa's arm. And it's a place where they finally get to feel taller than their elder brother or sister.

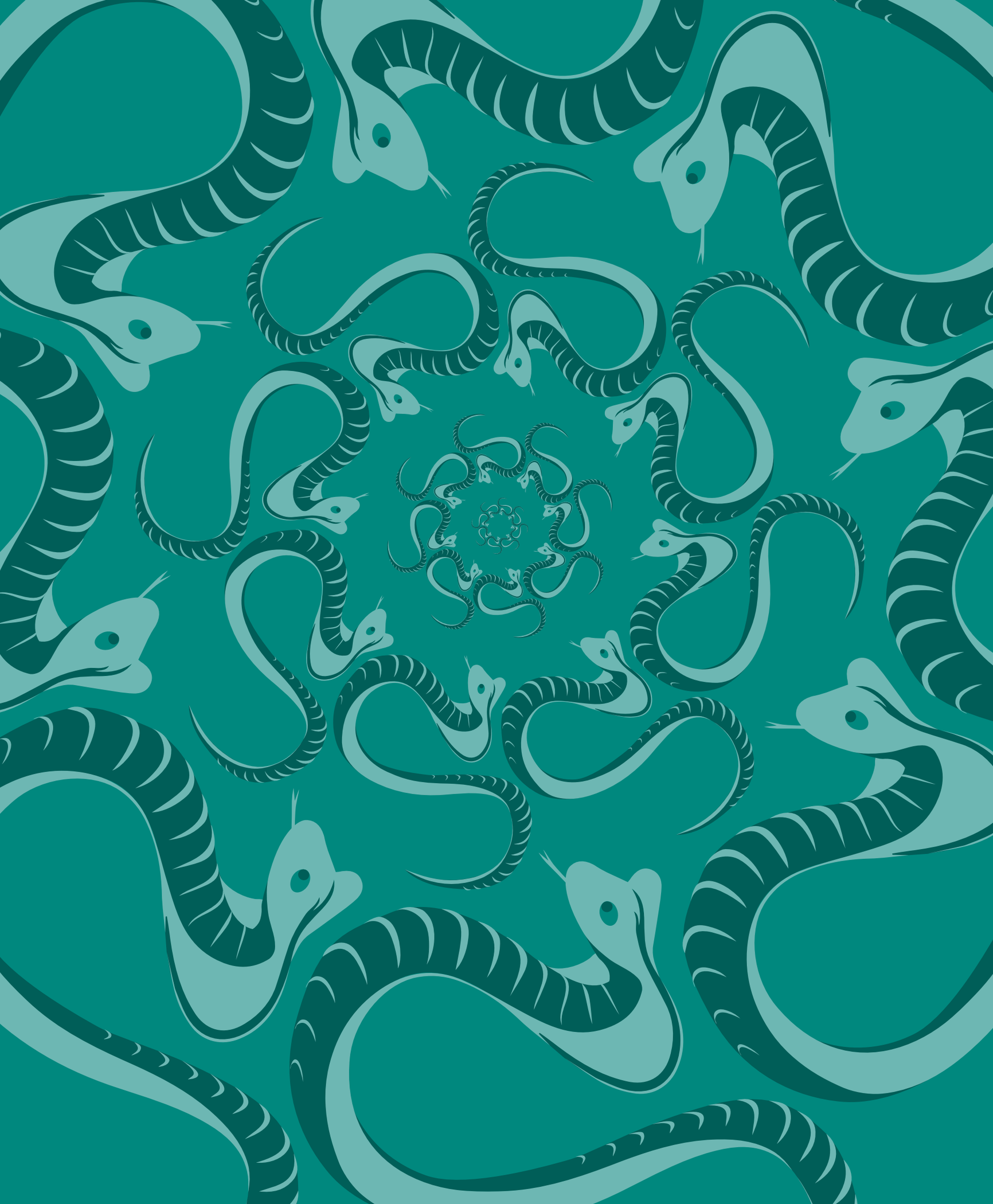
New

Twist & Shout

With its helical shape, the newly developed product "Twist" adapts to any landscape. Arches of different sizes can be combined at various angles. No matter whether the climbing structure is 5 metres or 500 metres long, the net made of original Berliner U-Rope provides continuous climbing fun for young and old alike on a varied and challenging climbing course. You can choose from curved tubes in subtle colours with the balls as highlights perhaps you'd prefer everything to be brightly coloured matching the surroundings? You can choose from a wide range of colours, which are available in matt or glossy varnish. The Berliner Seilfabrik team will be glad to assist you with creating your own individual Twist sculpture - a challenging climbing structure with a twist!

Shout's steel frames run parallel. Whether they re-join after looping or protrude tongue-like into the landscape is left entirely to your own creativity.

reddot award 2016
winner



Basics
Twist & Shout

The ingenious designers at Berliner Seilfabrik have come up with something new for the transition from rope to tube with Twist & Shout. The rope end disappears inside the curved steel tube with the aid of the patent-pending Charlotte connector and can be easily incorporated and adjusted.

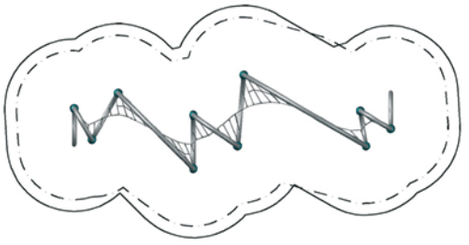
Beyond the nature of its design, Shout also offers countless add-on components. Why not be inspired by our Overview of the Univers product range on page 115, or contact us directly. Our team is sure to come up with the perfect idea for your exciting climbing structure.

Twist.01

90.297.001

(m)	2,9 x 9,2 x 3,2
('-")	9-6 x 30-2 x 10-4
EN 1176 (m)	5,9 x 12,2
ASTM/CSA(m)	6,6 x 12,9
ASTM/CSA ('-")	21-6 x 42-2
(m)	2,36
('-")	7-9
	5

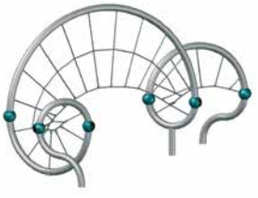
Here's just one of thousands of possibilities for you to design your own Twist. Nine metres in length, Twist.01 forms a real-life obstacle course rising three metres into the air.

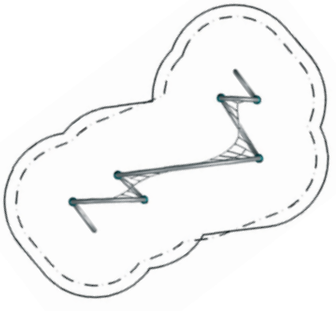


Twist.02

90.297.002

(m)	2,6 x 6,2 x 3,2
('-")	8-5 x 20-1 x 10-4
EN 1176 (m)	5,6 x 9,2
ASTM/CSA(m)	6,2 x 9,8
ASTM/CSA ('-")	20-5 x 32-1
(m)	2,36
('-")	7-9
	5





Twist.03

90.297.003

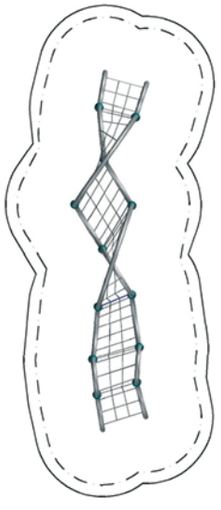
(m)	2,4 x 4,4 x 2,7
('-")	7-10 x 14-2 x 8-8
EN 1176 (m)	5,4 x 7,4
ASTM/CSA(m)	6,1 x 8,0
ASTM/CSA ('-")	19-10 x 26-2
(m)	1,98
('-")	6-6
	5

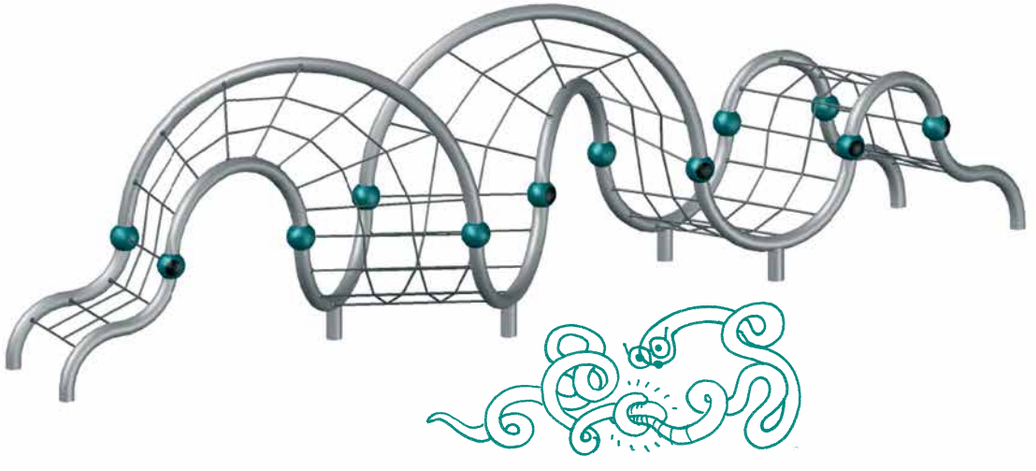
Twist.04

90.297.004

	(m)	2,3 x 10,3 x 2,7
	('-")	7-4 x 33-6 x 8-8
	EN 1176 (m)	5,3 x 13,3
	ASTM/CSA(m)	5,9 x 13,9
	ASTM/CSA ('-")	19-4 x 45-6
	(m)	2,31
	('-")	7-8
		5

Two Twists intertwine like a strand of DNA, with a net stretched between them.

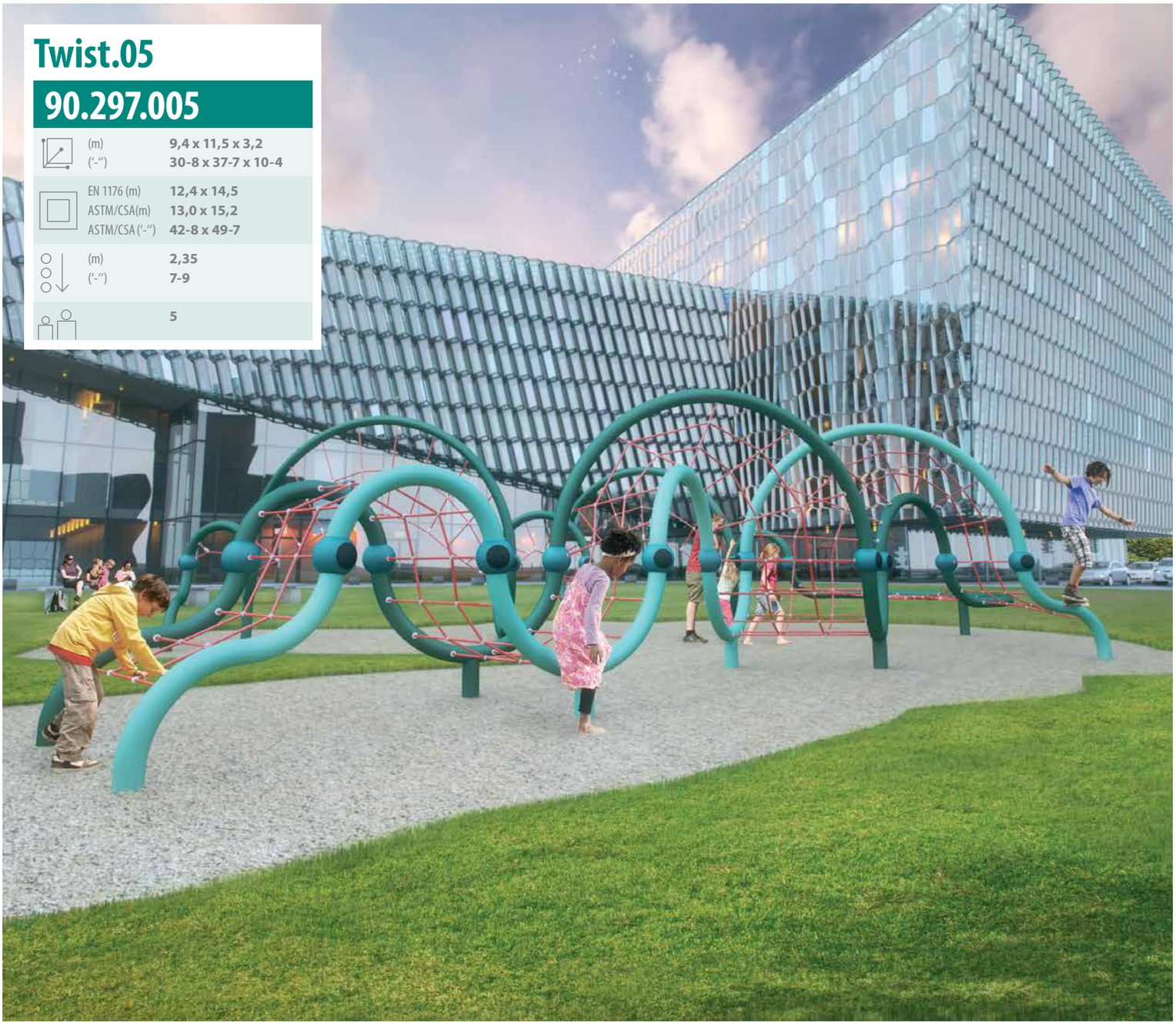


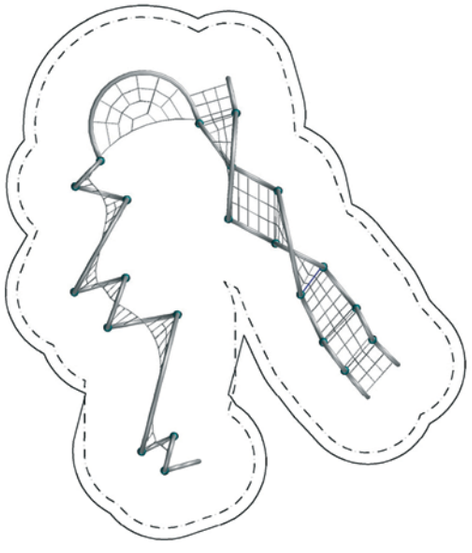


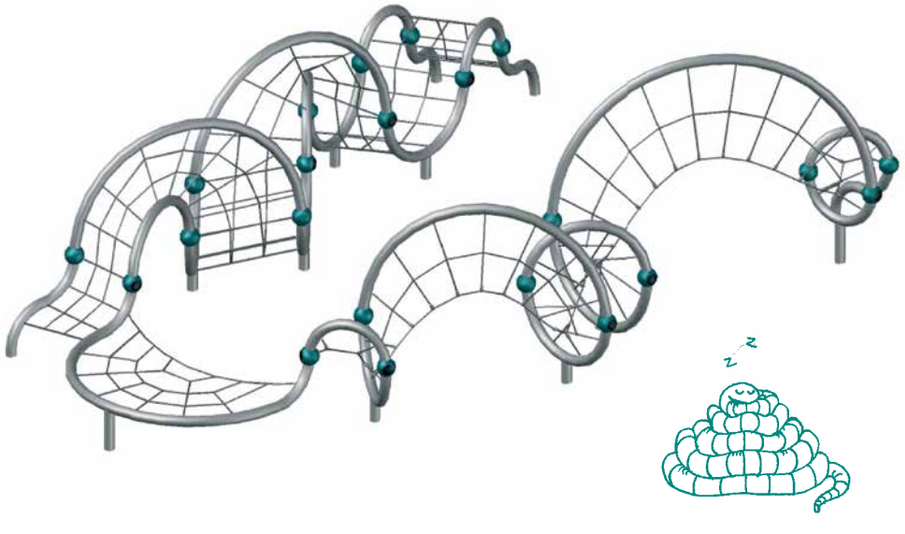
Twist.05

90.297.005

	(m)	9,4 x 11,5 x 3,2
	('-")	30-8 x 37-7 x 10-4
	EN 1176 (m)	12,4 x 14,5
	ASTM/CSA(m)	13,0 x 15,2
	ASTM/CSA ('-")	42-8 x 49-7
	(m)	2,35
	('-")	7-9
		5





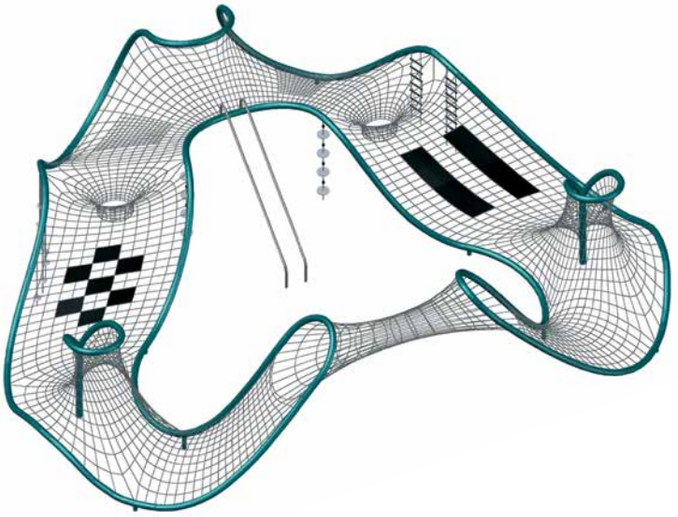


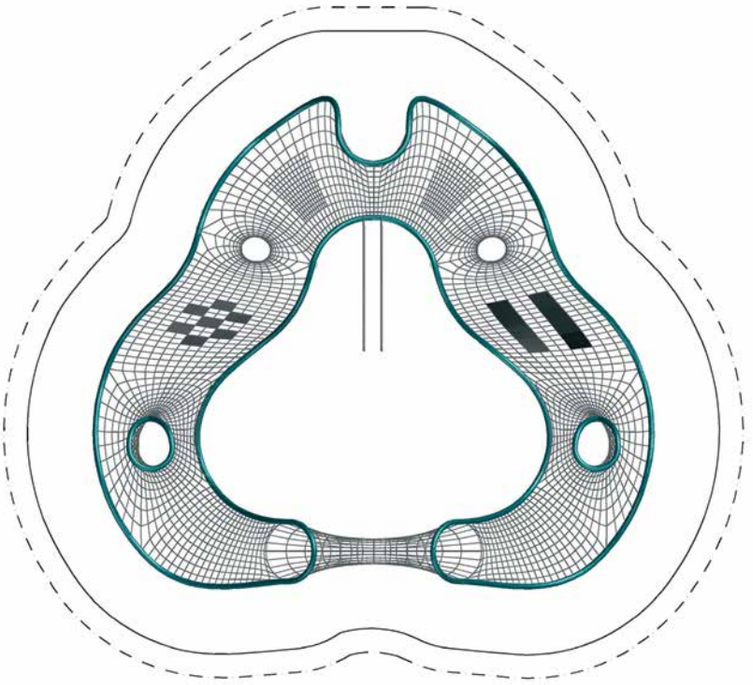
Shout.02

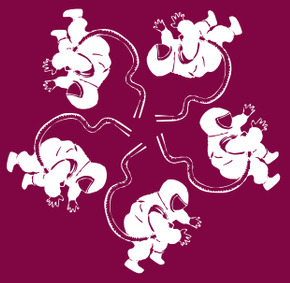
95.190.406

	(m)	15,9 x 14,0 x 3,0
	('-")	52-3 x 45-11 x 9-10
	EN 1176 (m)	21,0 x 19,0
	ASTM/CSA(m)	19,6 x 17,7
	ASTM/CSA ('-")	64-3 x 57-10
	(m)	2,99
	('-")	9-10
		5

Shout.02 combines a circular climbing structure with a net tunnel, resulting in a unique climbing environment.







Cosmo

The innovative space structure offers exciting play options never before experienced. Cosmo is a whole new round of fun in play equipment: The first totally round rope play structure has arrived.

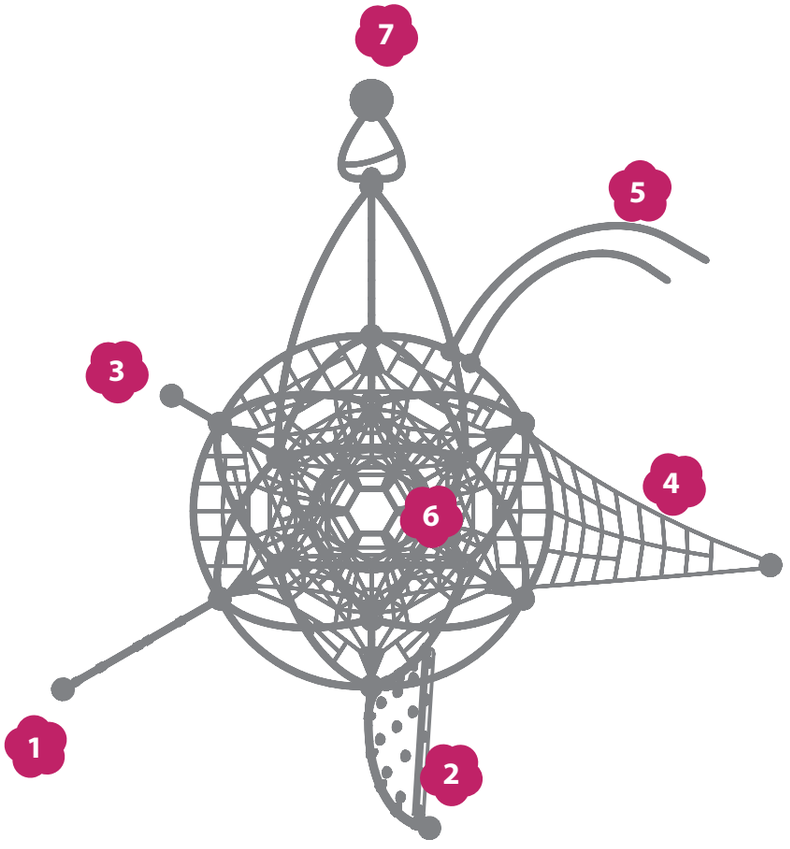
Apart from the basic system, Cosmo stands out due to its many freely selectable addons and diverse play activities. In addition to climbing nets and walls, a number of truly special features can be added all around, especially the "banister" with its double curved tubes. This gives the Cosmo an advantage over several rounds compared to conventional climbing frames. In 2008, Cosmo received the prestigious "Red Dot" design award for excellent design quality.

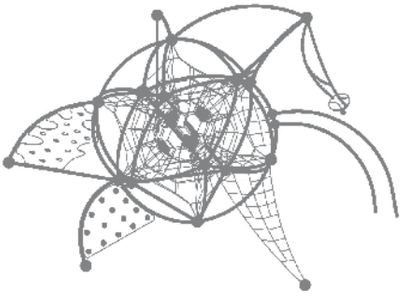
The curved tubes of the frame system are made of stainless steel, the connecting points of the space structure of powdercoated cast aluminium. All tensioning points are provided with the patented AstemTT tensioning system. This ensures that no technical connecting elements or rope loops are located in the play area.

reddot design award
winner 2008

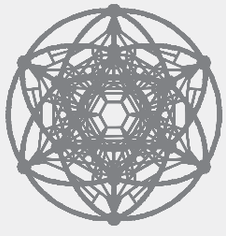
Only Berliner's cloverleaf rings ensure replaceability of single rope sections in spatial nets.

Basics
Cosmo





Two sizes for the base element:



Cosmo Base

Cosmo S Base

Seven add-on components can be added in any combination:

1. Climbing wall
2. Climbing ramp
3. Sliding pole (only Cosmo)
4. Access net
5. Banister
6. Rubber pods
7. Duck Jibe (only Cosmo)

Free choice of colours:

The curved tubing can be supplied either powder-coated or in stainless steel. Choose from our broad range of colours.

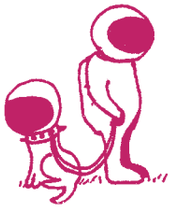
Cosmo.20

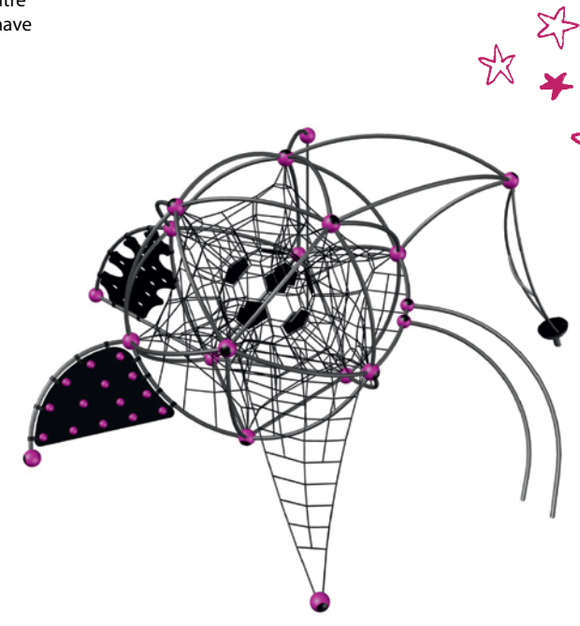
90.112.200

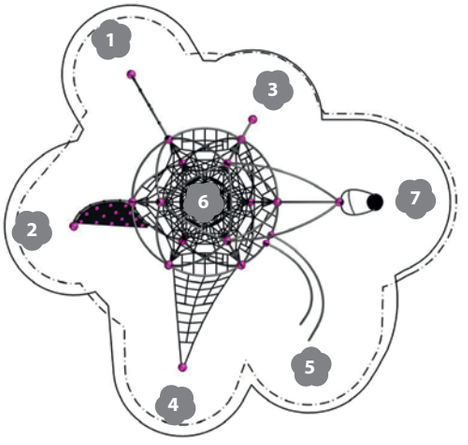
	(m)	8,5 x 8,9 x 3,8
	('-")	28-0 x 29-3 x 12-4
	EN 1176 (m)	12,5 x 11,6
	ASTM/CSA(m)	12,2 x 12,6
	ASTM/CSA ('-")	40-0 x 41-4
	(m)	2,30
	('-")	7-7
		5

Berlin, Germany

The Cosmo with all the features! The ball formed from 12 rubber mats in the centre of the Cosmo base is an invitation to "have plenty of fun!" The large selection of add-ons leaves nothing to be desired.





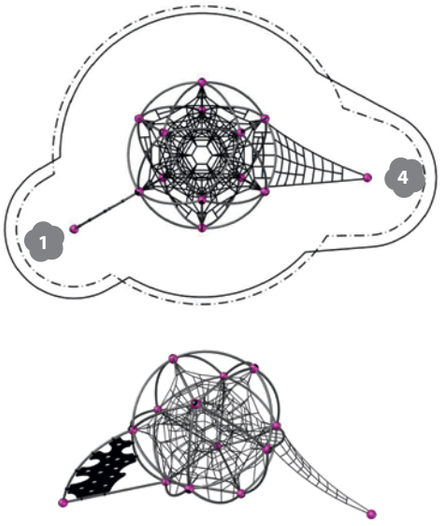


Cosmo.05

90.112.050

	(m)	8,6 x 4,4 x 3,8
	(‘-“)	28-0 x 14-5 x 12-4
	EN 1176 (m)	11,6 x 8,5
	ASTM/CSA(m)	8,1 x 12,2
	ASTM/CSA (‘-“)	26-7 x 40-0
	(m)	2,30
	(‘-“)	7-7
		5

The climbing wall and access net in the Cosmo.05 offer additional climbing options in the lower area.

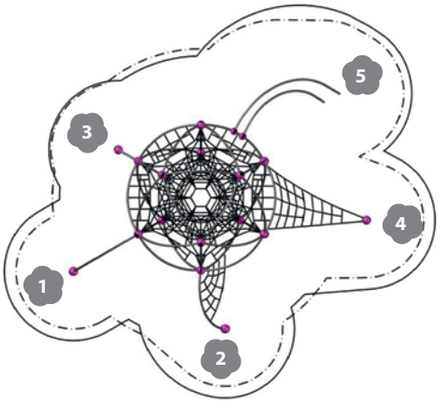


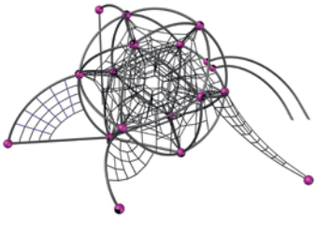
Cosmo.06

90.112.060

	(m)	8,6 x 7,2 x 3,8
	(‘-“)	28-0 x 23-8 x 12-4
	EN 1176 (m)	11,6 x 10,4
	ASTM/CSA(m)	12,2 x 11,1
	ASTM/CSA (‘-“)	40-0 x 36-5
	(m)	2,30
	(‘-“)	7-7
		5

The Cosmo.06 is the ultimate rope play structure among the Cosmo systems; rope elements are used consistently as add-ons. The banister rounds off the exciting features of this play structure.



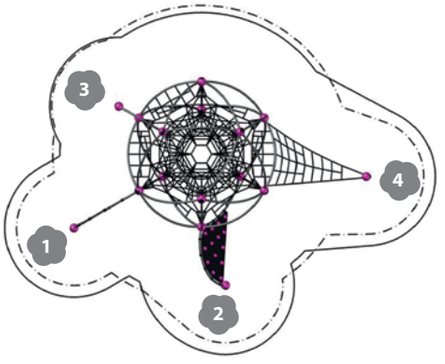


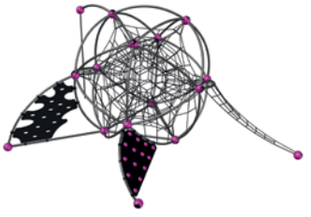
Cosmo.02

90.112.020

	(m)	8,6 x 6,0 x 3,8
	(‘-“)	28-0 x 19-9 x 12-4
	EN 1176 (m)	11,6 x 9,6
	ASTM/CSA(m)	12,2 x 9,7
	ASTM/CSA (‘-“)	40-0 x 31-9
	(m)	2,30
	(‘-“)	7-7
		5

The Cosmo as a “climbing rock” with a spatial net in the centre, climbing pole, climbing wall, climbing ramp and access net all around. Children of all ages can see how high they can climb.





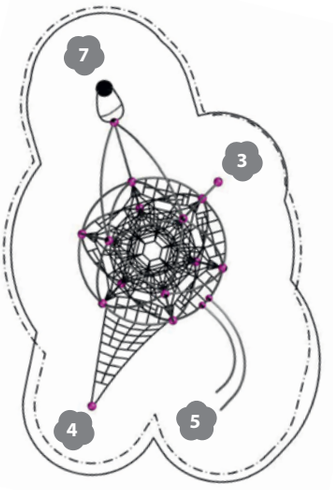
Cosmo.39

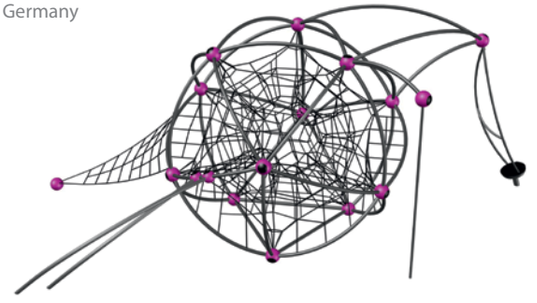
90.112.390

	(m)	9,2 x 6,0 x 3,8
	('-")	30-3 x 19-6 x 12-4
	EN 1176 (m)	12,7 x 9,7
	ASTM/CSA(m)	12,9 x 9,9
	ASTM/CSA ('-")	40-4 x 32-7
	(m)	2,3
	('-")	7-7
		5

Be the world's greatest surfer, the bravest fireman or most famous alpine climber. With the Cosmo.39 a great adventure is just waiting to get started.

Osnabrück, Germany



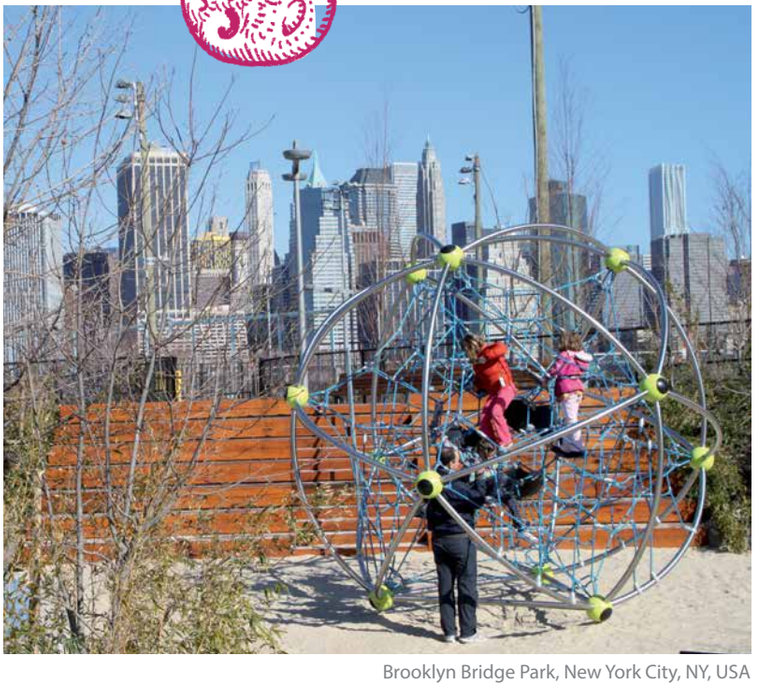


Cosmo Base

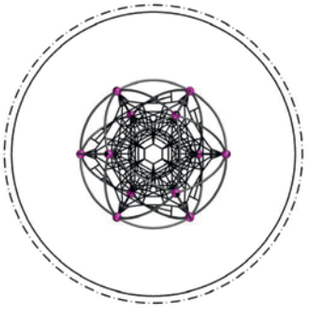
90.110.120

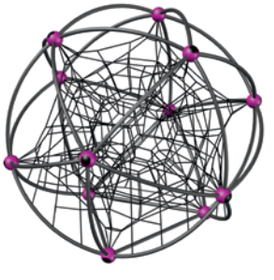
	(m)	4,3 x 4,4 x 3,8
	('-")	13-11 x 14-3 x 12-4
	EN 1176 (m)	8,5 x 8,5
	ASTM/CSA(m)	8,0 x 8,0
	ASTM/CSA ('-")	26-3 x 26-3
	(m)	2,30
	('-")	7-7
		5

The Cosmo basic system is an "eyecatcher". Its organic, round shape combines dynamics and a cool look at the same time. But it's not only the original use of shapes that stands out. The voluminous spatial net is a climbing paradise within a three-dimensional net structure.



Brooklyn Bridge Park, New York City, NY, USA



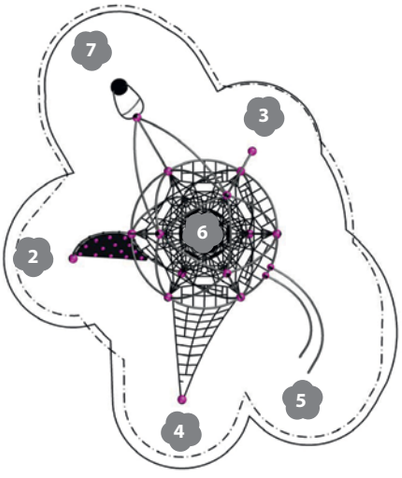


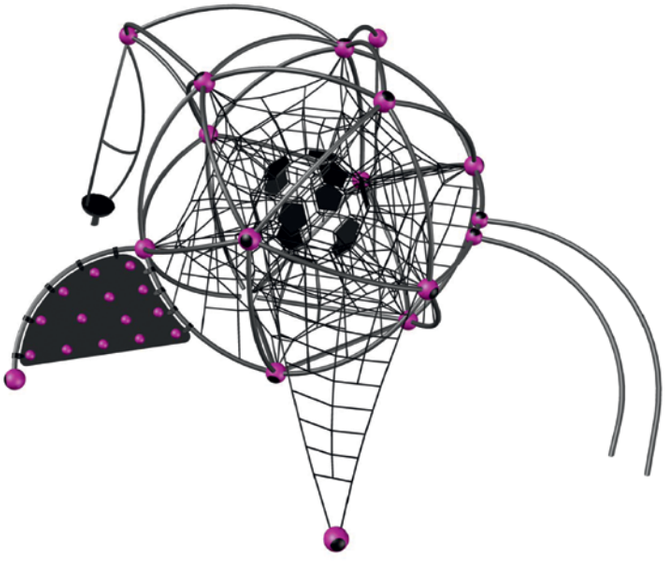
Cosmo.59

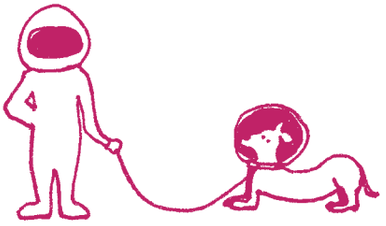
90.112.590

	(m)	9,2 x 7,2 x 3,8
	(‘-‘)	30-3 x 23-8 x 12-4
	EN 1176 (m)	12,7 x 10,4
	ASTM/CSA(m)	12,9 x 11,1
	ASTM/CSA(‘-‘)	42-4 x 36-5
	(m)	2,3
	(‘-‘)	7-7
		5

There are not many wishes left with the Cosmo.59. Whether you’re looking for spinning, sliding, climbing, balancing or socializing, the almost fully loaded Cosmo has it all.







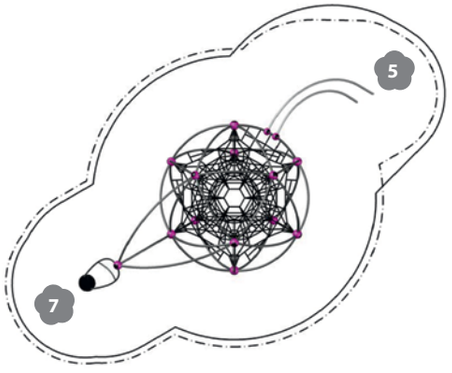
Cosmo.10

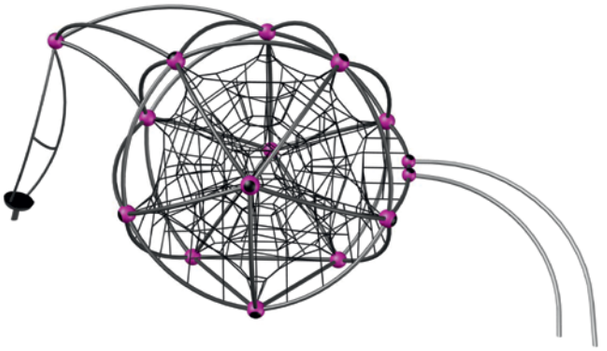
90.112.100

	(m)	8,4 x 6,0 x 3,8
	('-")	27-5 x 19-9 x 12-4
	EN 1176 (m)	12,2 x 9,8
	ASTM/CSA(m)	12,2 x 10,0
	ASTM/CSA ('-")	40-0 x 32-8
	(m)	2,30
	('-")	7-7
		5

For windsurfers, the Duck Jibe is one of the coolest old school moves. The Cosmo is designed for turbulent fun and energetic play. Besides the banister, the Duck Jibe is the attraction of the Cosmo.10.

Rastatt, Germany



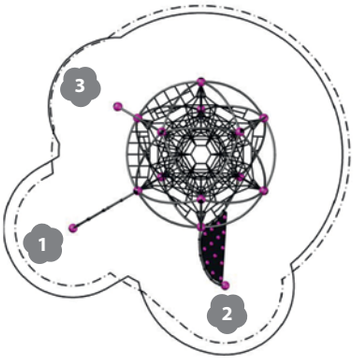


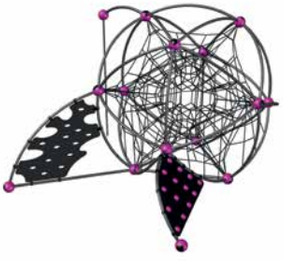
Cosmo.03

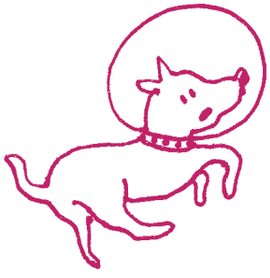
90.112.030

	(m)	5,9 x 6,0 x 3,8
	('-")	19-3 x 19-9 x 12-4
	EN 1176 (m)	9,6 x 9,5
	ASTM/CSA(m)	9,6 x 9,7
	ASTM/CSA ('-")	31-5 x 31-8
	(m)	2,30
	('-")	7-7
		5

The Cosmo.03 features attractive climbing elements and offers children of all ages plenty of fun and excitement.







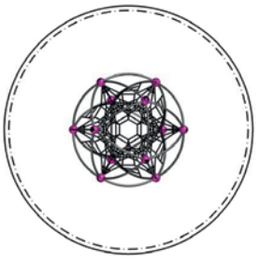
Cosmo S Base

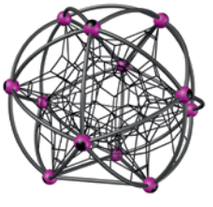
90.111.000

	(m)	3,4 x 3,2 x 2,9
	('-")	11-0 x 10-7 x 9-6
	EN 1176 (m)	6,8 x 6,8
	ASTM/CSA(m)	7,0 x 7,0
	ASTM/CSA ('-")	23-0 x 23-0
	(m)	1,80
	('-")	6-0
		3

Cosmo, the first totally round rope play equipment, now has a little brother! The Cosmo S base unit, through its bended tube spatial structure, is compact and yet lets kids find more exciting ways to play than ever, making it the highlight on even the smallest playground.

Add any of the five versatile add-on components, and the Cosmo S will give kids even more challenging play activities. All around the central unit, diverse climbing nets and walls can be attached. And the "Banister", with its parallel gently bended sliding tubes, will give kids an even greater thrill.





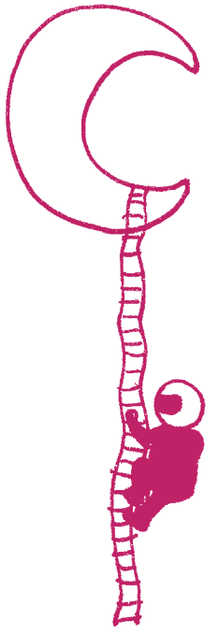
Cosmo S.04

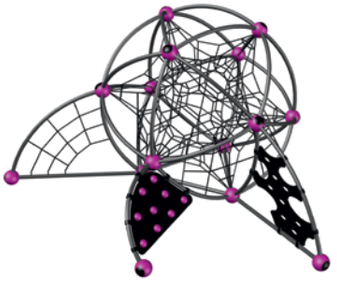
90.111.040

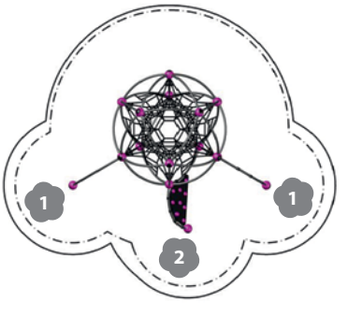
	(m)	5,7 x 4,6 x 2,9
	('-")	18-9 x 15-1 x 9-6
	EN 1176 (m)	8,8 x 7,8
	ASTM/CSA(m)	9,4 x 8,3
	ASTM/CSA ('-")	30-9 x 27-1
	(m)	1,80
	('-")	6-0
		3

The Cosmo S.04 is only one possibility of combining the Cosmo S base with add on elements: A climbing wall, a climbing net and a climbing net make this small Cosmo the highlight on every playground.

Berlin, Germany








where
Shall
we go
today

Polygode

There is enough space in our central mast play structures for a number of children to enjoy the thrill of playing at great heights simultaneously. Cumbersome rope-work knots are avoided thanks to our use of tried-and-tested cloverleaf rings for the spatial net's intersections. These rings also allow ropes to be replaced individually.

Our Polygodes are available in three basic forms, each varying in its number of anchor points. Both the Tetragode and Trigode models exhibit classic, architecturally influenced lines. The Trigode's rope net is anchored into the ground at three points, whereas - as its name suggests - the Tetragode extends from the central mast outwards in four directions to create its play space. Intersections where one rope terminates are secured by T-connectors. The tensioning system for these structures is housed in the foundation tubes. Not only does this protect them from dirt and moisture. It also simplifies any re-tensioning of ropes that may be required, ensuring that the surrounding impact protection material need not be removed to gain access to the ropes.

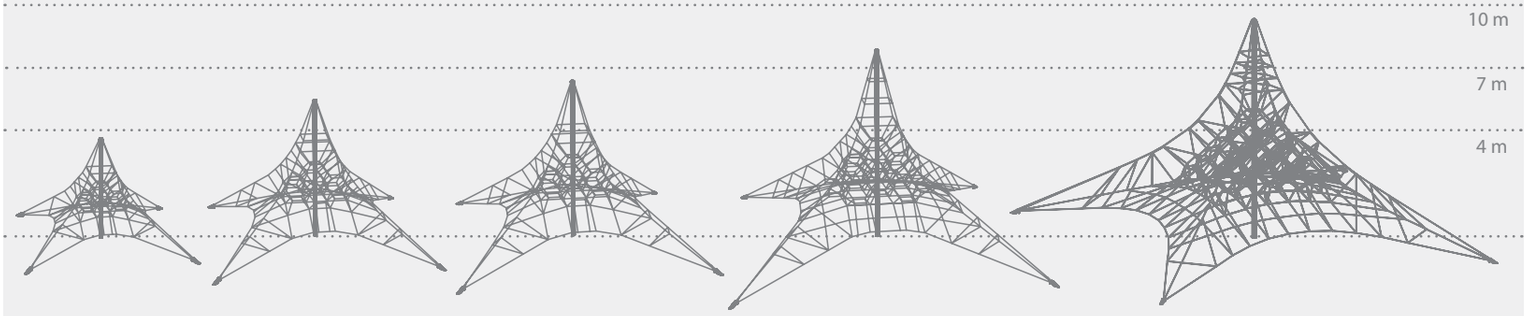
The shape of the Pentagode offers even more space in which to climb. Its pagoda-like proportions lend an exotic touch to any playscape. Its umbrella-like spreader bars extend outwards from the central steel mast, supporting five double guy ropes and giving the apparatus its characteristic appearance. This pentagonal form creates an especially large space in which to climb. The five-way tensioning system guarantees maximum safety. One technical innovation is the new tensioning system, which enables the entire rope net to be tensioned via a special mechanism at the masthead. This avoids the need for any tensioning points at ground level. All five external foundation points are located within the footprint of the impact protection zone. This ensures that no adjoining areas need be factored in during the planning stage.

All our central mast play structures come with a valid safety certificate*.

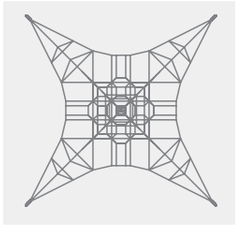
** The certificate for the Trigode model corresponds to that of the structurally identical "2900" model (certificate Z1A 14 03 10256 100)*

Overview

Tetragodes



Tetragode 3850 **Tetragode 5350** **Tetragode 6100** **Tetragode 7400** **Tetragode 9300**



Four-way tensioning gives this central mast play structure its classic look.

Measuring up to 9.3 metres in height, providing an exciting challenge for climbers big and small alike.

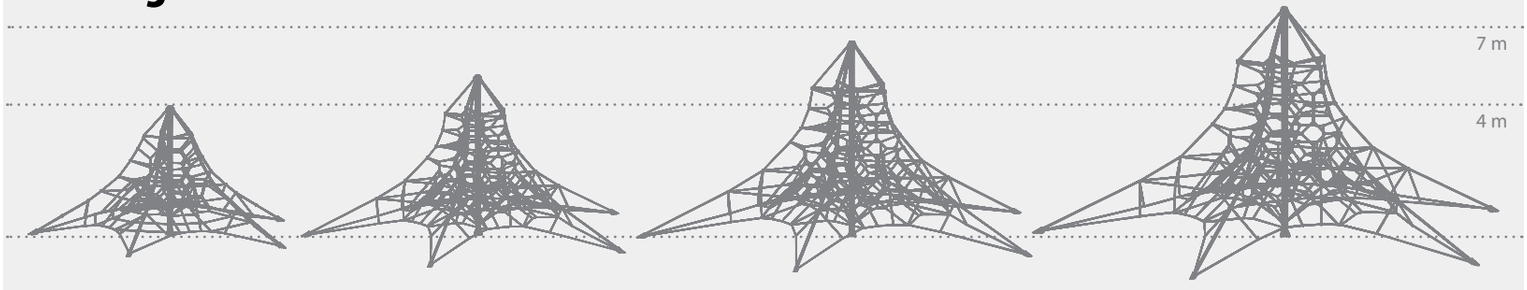
T-connector: this innovative and vandalism-proof connector enables ropes of varying diameters to be connected to one another directly.

Cloverleaf ring: creating a secure intersection between two ropes while allowing each rope to be replaced independently, thereby ensuring the spatial net requires minimal maintenance.

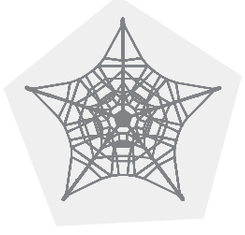
Six-strand sheathed steel cable encased by polyester braiding, for a perfect appearance and maximum durability.

The foundation tube protects the tensioning mechanism, allowing spatial nets to be both simply installed and maintained.

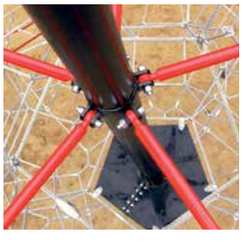
Pentagodes



Pentagode S **Pentagode M** **Pentagode L** **Pentagode XL**



Five-way pentagonal tensioning with double guy ropes not only gives the Pentagode its name but also its stylish appearance.



Spreader bars create more play space.

Five-way tensioning with double guy ropes.

Cloverleaf rings enable individual replacement of ropes.

Tensioning mechanism housed within spherical capsule atop the central support mast.

Anchor point provides a neat connection with the surrounding impact protection zone.

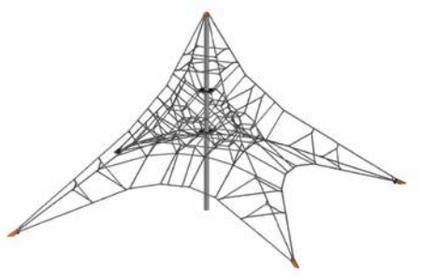
Tetragode 5350

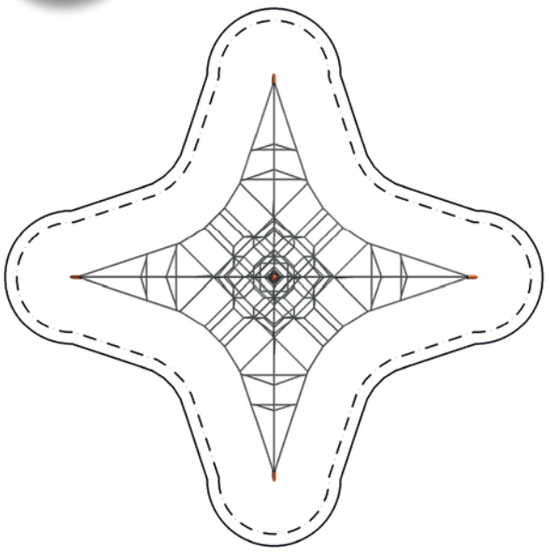
712.000.5350

(m)		8,2 x 8,2 x 5,3
EN 1176 (m)		11,2 x 11,2
(m)		1,3
		5

With their purity of form, Tetragodes combine the most up-to-date technical possibilities with the highest quality and design. But all that children care about is how much fun they are to climb on, and with five different heights to choose from, satisfaction is guaranteed. Select the suitable size for your playground.

New





Tetragode 9300

712.000.9300

(m)		15,3 x 15,3 x 9,3
EN 1176 (m)		18,3 x 18,3
(m)		2,4
		8

Tetragode 3850

712.000.3850

(m)		6,2 x 6,2 x 3,9
EN 1176 (m)		9,2 x 9,2
(m)		1,0
		3

Tetragode 6100

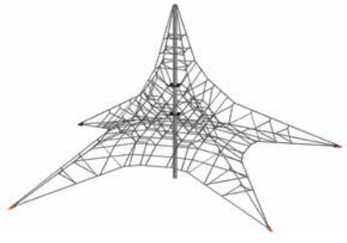
712.000.6100

(m)		9,2 x 9,2 x 6,1
EN 1176 (m)		12,2 x 12,2
(m)		2,0
		5

Tetragode 7400

712.000.7400

(m)		11,2 x 11,2 x 7,4
EN 1176 (m)		14,2 x 14,2
(m)		2,1
		8



Pentagode L

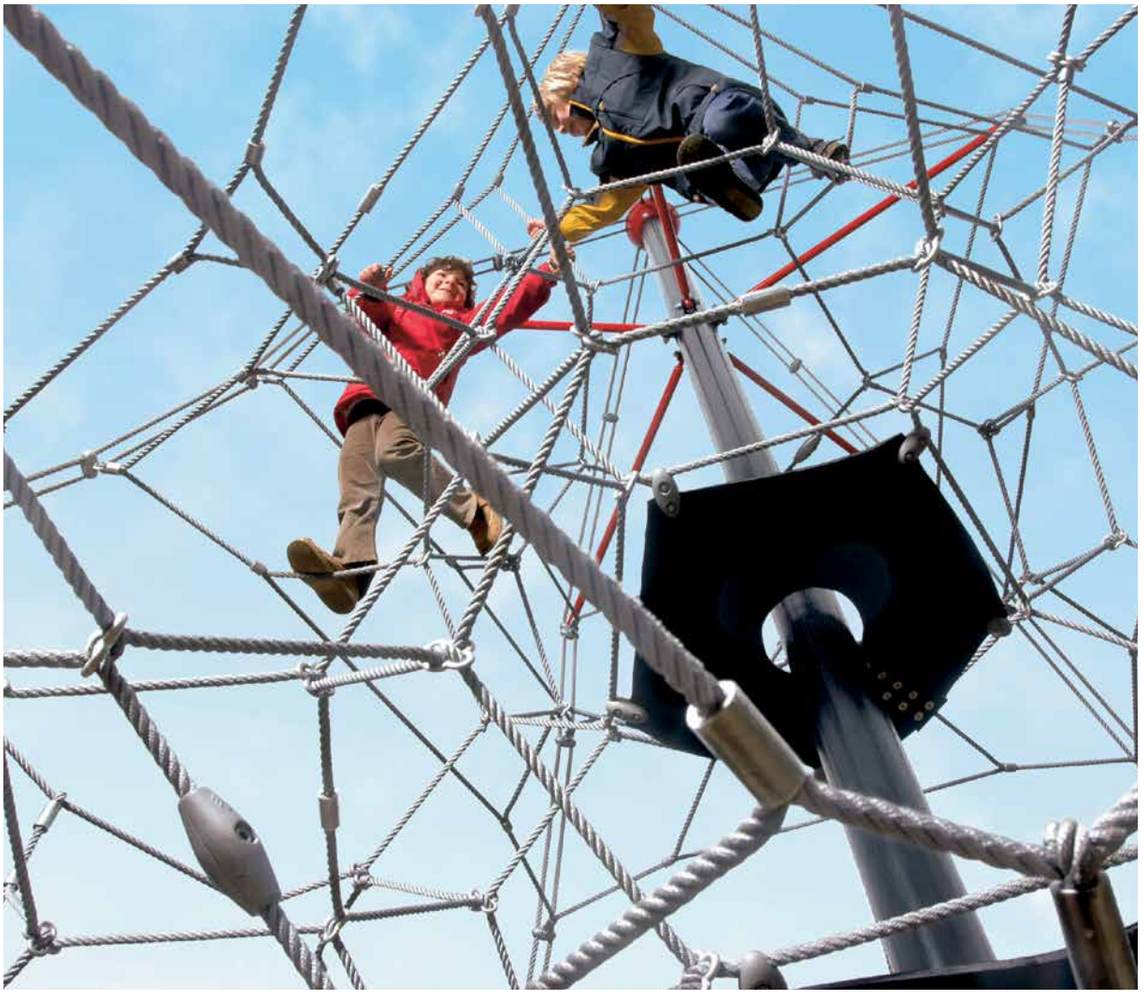
91.200.030

	(m)	12,7 x 12,0 x 6,1
	('-")	41-5 x 39-4 x 20-0
	EN 1176 (m)	15,7 x 15,0
	ASTM/CSA(m)	16,3 x 15,7
	ASTM/CSA ('-")	53-5 x 51-4
	(m)	1,10
	('-")	3-8
		5

Pentagode XL

91.200.040

	(m)	14,9 x 14,2 x 7,2
	('-")	48-11 x 46-6 x 23-8
	EN 1176 (m)	17,9 x 17,2
	ASTM/CSA(m)	18,6 x 17,8
	ASTM/CSA ('-")	60-11 x 58-6
	(m)	1,31
	('-")	4-4
		5



Pentagode S

91.200.010

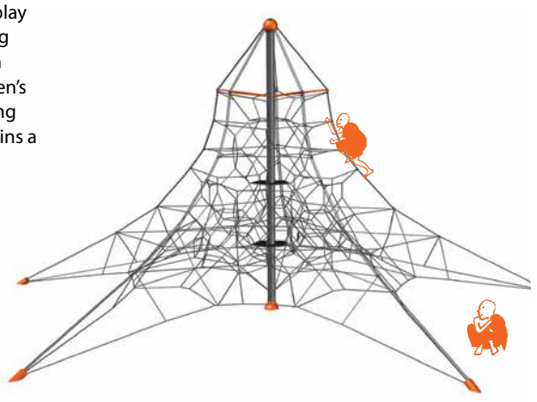
	(m)	8,4 x 8,0 x 4,0
	('-")	27-4 x 26-0 x 13-2
	EN 1176 (m)	11,4 x 11,0
	ASTM/CSA(m)	12,0 x 11,6
	ASTM/CSA ('-")	39-4 x 38-0
	(m)	0,93
	('-")	3-1
		5

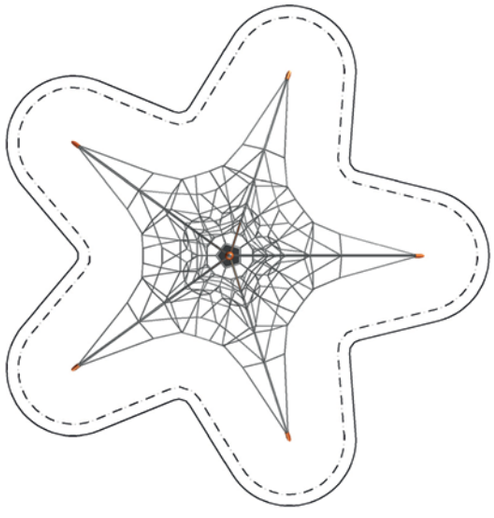
Pentagode M

91.200.020

	(m)	10,5 x 10,0 x 5,1
	('-")	34-5 x 32-9 x 16-8
	EN 1176 (m)	13,5 x 13,0
	ASTM/CSA(m)	14,2 x 13,7
	ASTM/CSA ('-")	46-5 x 44-9
	(m)	0,92
	('-")	6-0
		5

Of all central mast play structures, our patented Pentagodes provide the ultimate spatial spectacle. Thanks to their metal spreader bars located at the upper section of the mast, they boast plenty of space in which to play even at the very top of the apparatus. The tensioning mechanisms for all four available sizes are housed in spherical capsules safely beyond the reach of children's enquiring fingers. The design also ensures that during installation and maintenance, rope tensioning remains a very simple process required at a single point only.



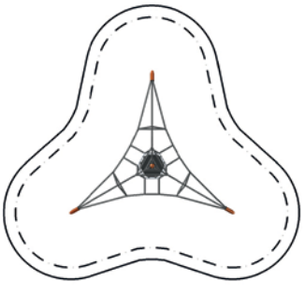


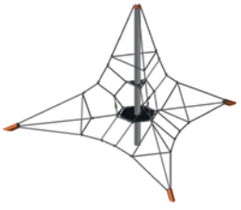
Trigode

712.000.2901

	(m)	4,7 x 4,1 x 2,9
	EN 1176 (m)	7,7 x 7,1
	(m)	1,6
		3

With its three anchor points, the single-model Trigode provides an introduction to the exciting sensory world of spatial nets.





Add-on Components

A number of optional extras offer yet more variety within the climbing landscape. Both HDPE panels and rubber membranes can be incorporated, creating either steps or refuge areas within the otherwise see-through structures. Spaces where children can lie down can be created by use of flexible rubber membranes, which then sway gently whenever other children are climbing nearby. This transforms the play area into an inclusive space - for example, by helping children with mobility impairment to take part in the play experience. Several examples of our optional extras can be seen here.

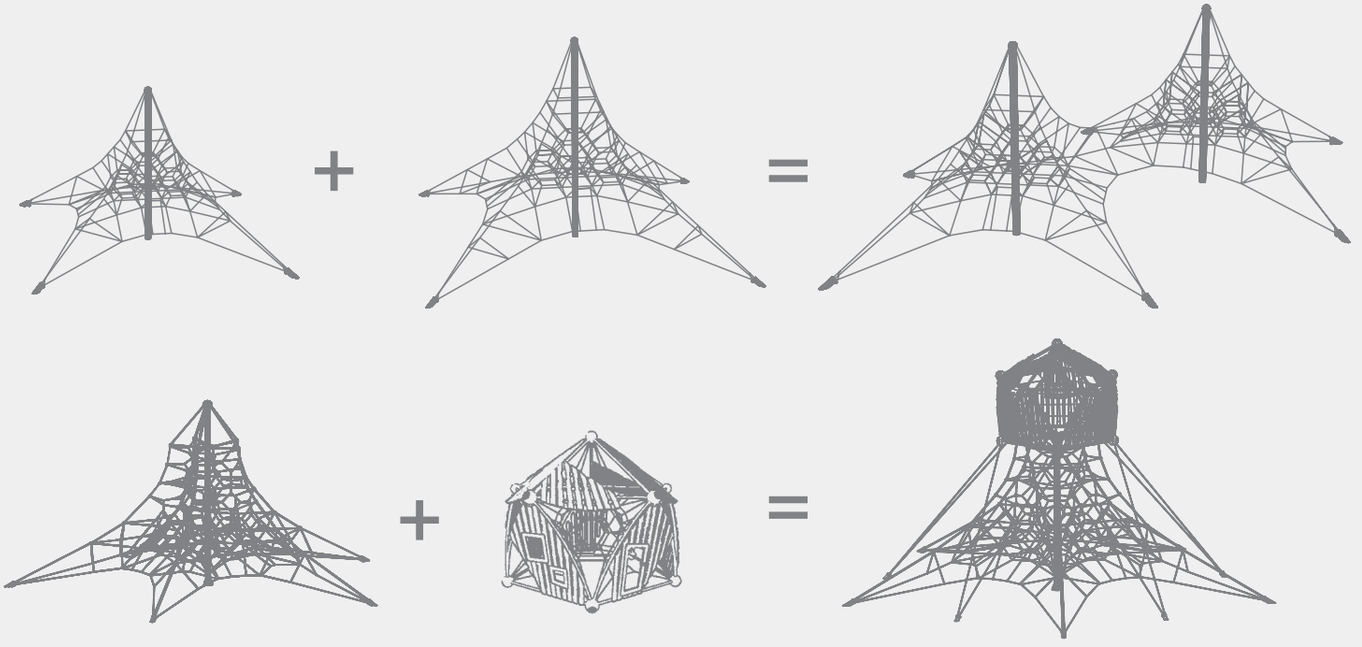
Crow's Nest
The command centre at very top of the central mast affords several children at once a relaxed view across the freshly conquered playground kingdom. In this example a flag has been added to the mast. Other motifs can also be supplied – for example, your club or association's emblem.

HDPE Panels
The eye-catchingly colourful HDPE panels also serve as platforms where children can take a quick breather. Combining a number of panels creates a refuge that can also offer shade on a hot day.

Pendulum Seat
Pendulum seats can be attached to many of our play structures, adding another exciting dimension to the playground experience. Climbers not already feeling giddy from scaling the mast structures' lofty heights can simply relax here or swing to their heart's content.

Expansion Possibilities

It goes without saying that all our central masts make ideal stand-alone play structures – but if space permits, why not expand? With almost any combination possible, simply get in touch to discuss the possibilities. For example, a Tetragode can be directly attached to another Tetragode of the same size or the next size up or down. This allows for the creation of entire mountain ranges. Or why not see what happens when four of our central mast play structures are combined? You can let your imagination run wild or receive our advice on how each of our product ranges can be combined. How about a low-rope landscape crowned by a central mast play structure? Or a Pentagode topped by one of our bamboo-panelled Greenville play houses? The following pages illustrate a number of exciting possibilities.



Berlin, Germany

In combination with our Greenville playhouse
> Page 47

Tetragode 7461

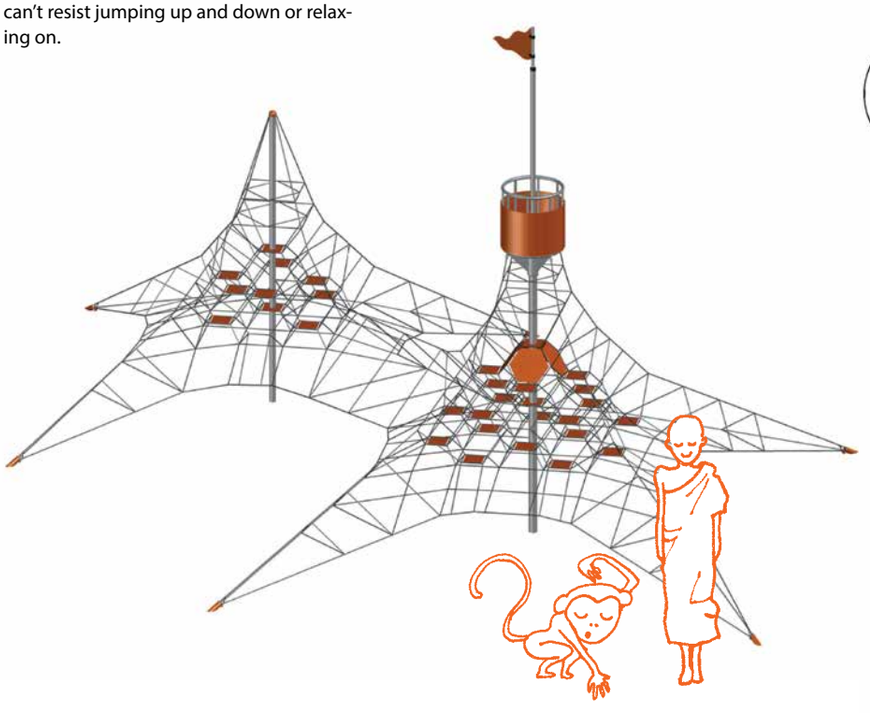
712.000.7461.003

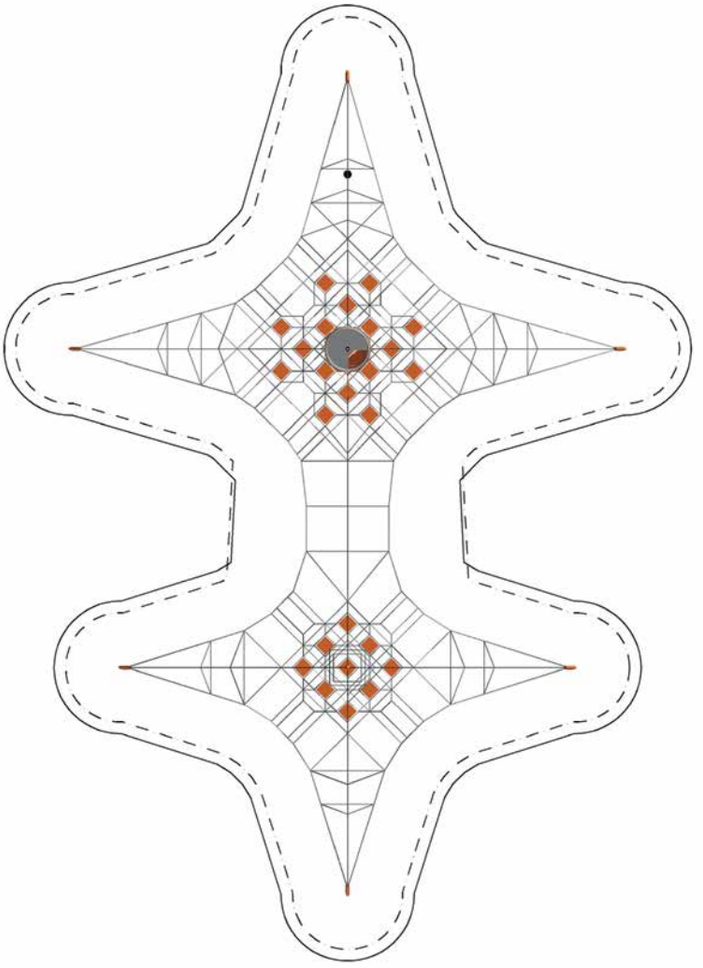
	(m)	15,8 x 23,4 x 10,5
	EN 1176 (m)	18,8 x 26,4
	(m)	2,14
		5

Büsum, Germany

Our central mast play structures can be directly interconnected in one of our Tetragode combinations. Take for example the Tetragode 7461 – a combination of the Tetragode 6100 and 7400 with crow's nest. One anchor point on each Tetragode is replaced by a rope crossover section that joins it to the neighbouring mast structure. Four masts can be combined in this manner, creating a unique playscape complete with rubber membranes which children can't resist jumping up and down or relaxing on.

HDPE-panels can be added to all Polygodes.

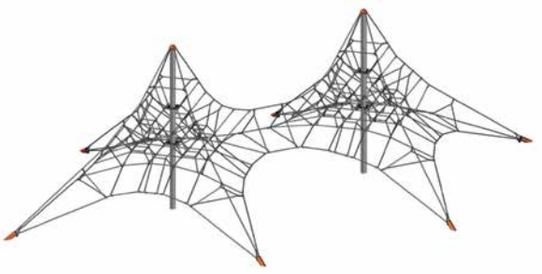


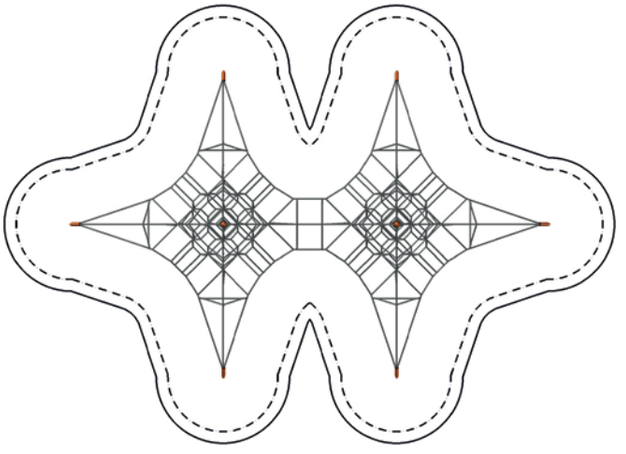


Tetragode 3852

712.000.3852

	(m)	8,7 x 13,6 x 3,8
	EN 1176 (m)	16,6 x 11,7
	(m)	1,2
		3

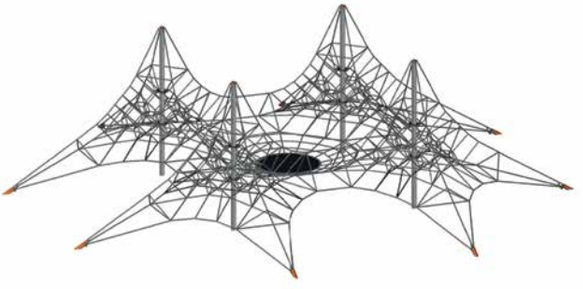


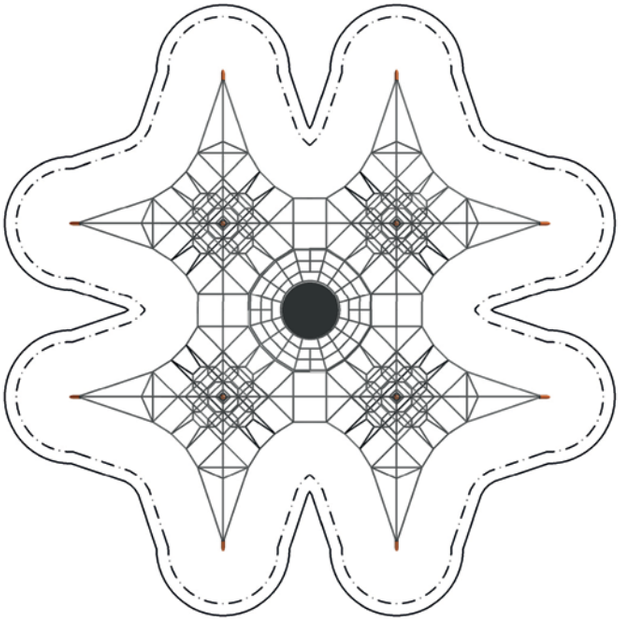


Tetragode 3854

712.000.3854

	(m)	13,6 x 13,6 x 3,8
	EN 1176 (m)	16,6 x 16,6
	(m)	1,2
		3





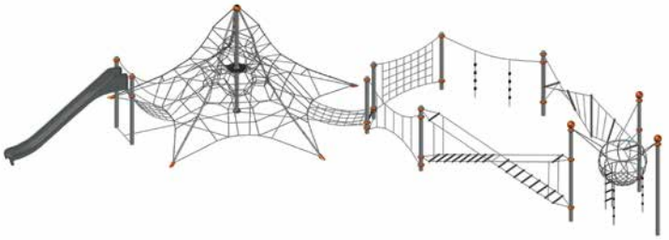
Pentagode S.01

90.180.278

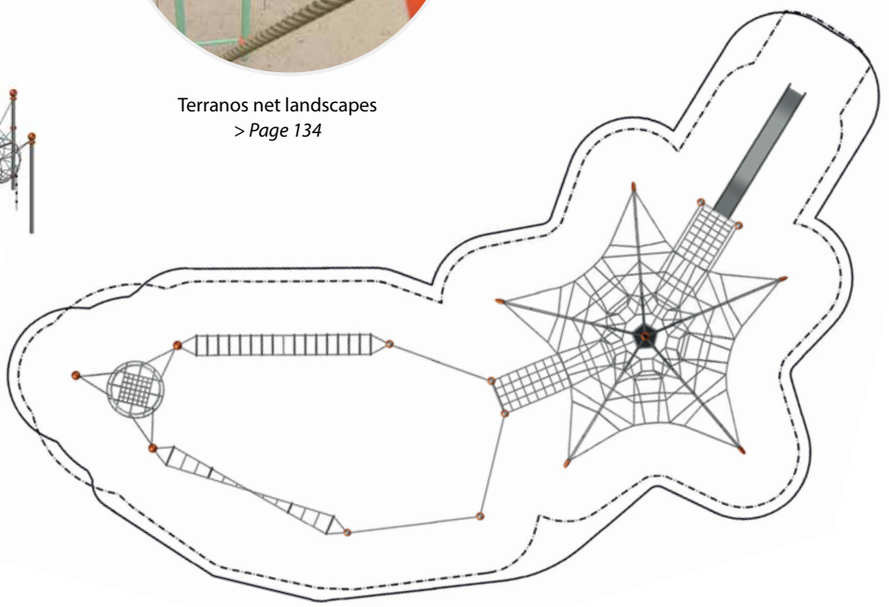
	(m)	15,7 x 19,0 x 4,0
	('-")	51-4 x 62-5 x 13-2
	EN 1176 (m)	22,1 x 19,1
	ASTM/CSA(m)	19,3 x 22,7
	ASTM/CSA ('-")	63-4 x 74-5
	(m)	2,52
	('-")	8-3
		5

The epitome of versatility. Relax in the wasps' nest or traverse the obstacle course (made up of elements from the Terranos range) before heading up into the Pentagode.

Berlin, Germany



Terranos net landscapes
> *Page 134*



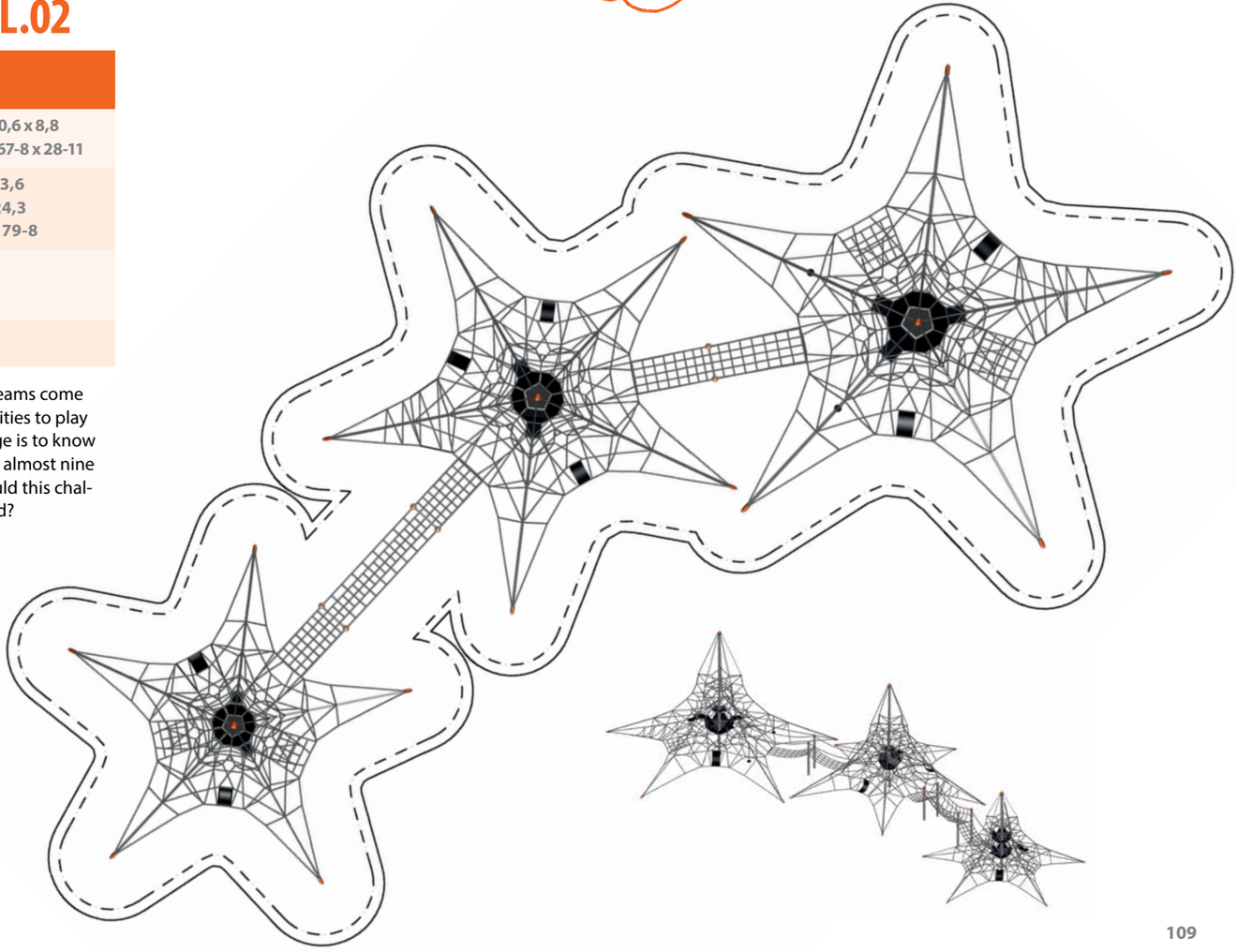
Las Vegas, USA

Pentagode XL.02

90.180.125

	(m)	34,8 x 20,6 x 8,8
	('-")	114-3 x 67-8 x 28-11
	EN 1176 (m)	37,8 x 23,6
	ASTM/CSA(m)	38,5 x 24,3
	ASTM/CSA ('-")	126-3 x 79-8
	(m)	1,50
	('-")	4-11
		5

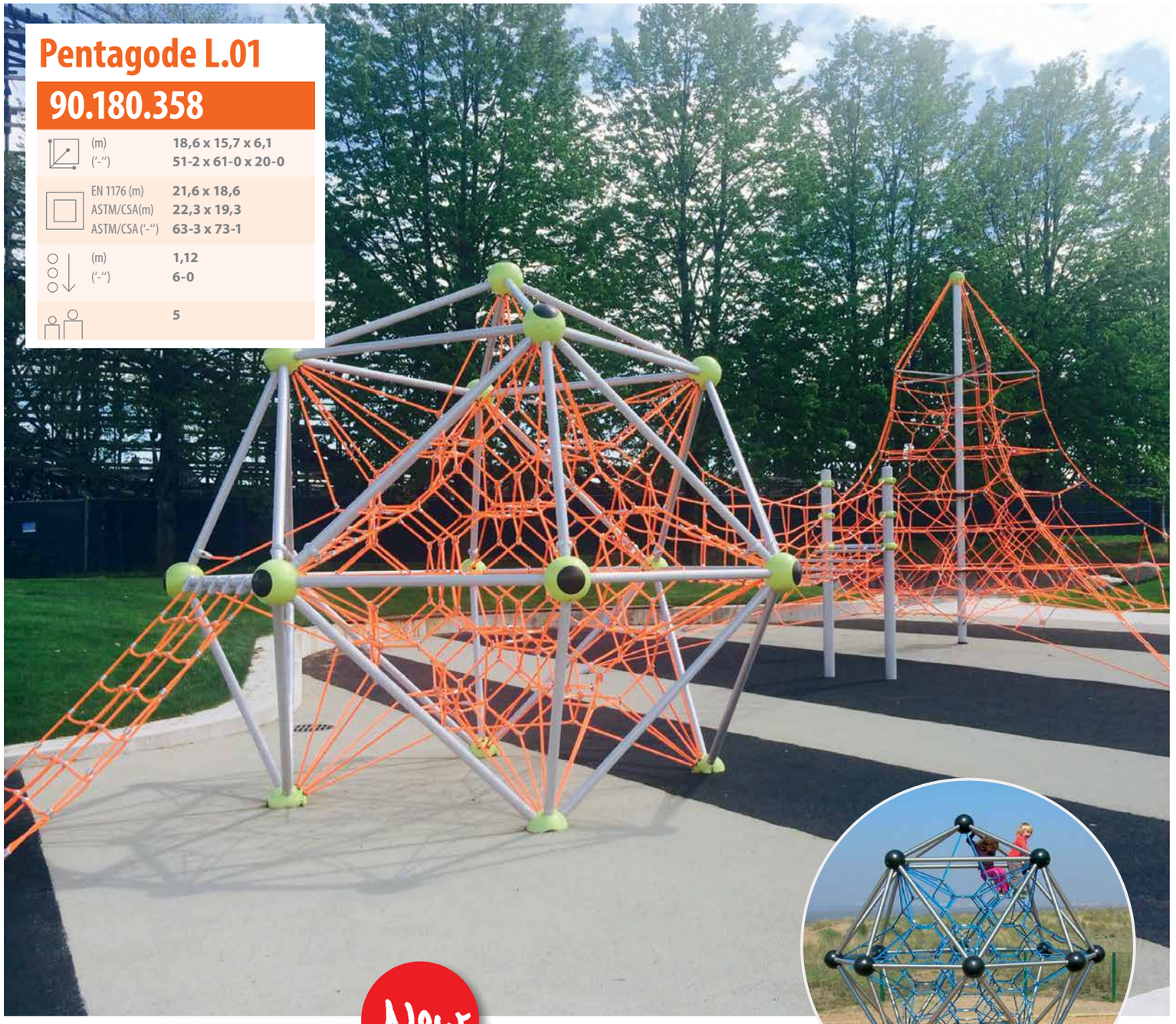
This is where all children's dreams come true. With so many opportunities to play on offer, the biggest challenge is to know where to start: by scaling the almost nine metre high pyramid? Or should this challenge be saved up for the end?



Pentagode L.01

90.180.358

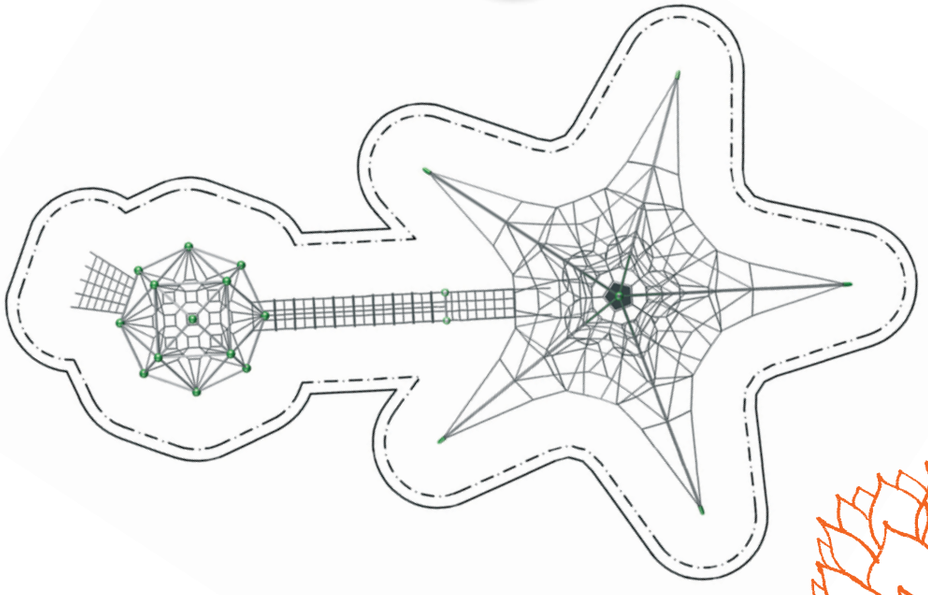
	(m)	18,6 x 15,7 x 6,1
	('-")	51-2 x 61-0 x 20-0
	EN 1176 (m)	21,6 x 18,6
	ASTM/CSA(m)	22,3 x 19,3
	ASTM/CSA ('-")	63-3 x 73-1
	(m)	1,12
	('-")	6-0
		5

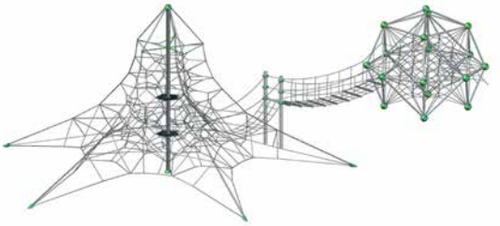


New

Here a suspension bridge links the Pentagode L and a Spaceball.

Our Spaceball is available in four different sizes with a broad range of Add-on components.
> *Page 122*






BRASIL

Univers

Net structures offer hours of fun and adventure on several levels – climbing, rocking, hand-over-hand climbing and swinging, up and down, horizontally and vertically – space on earth.

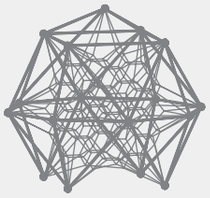
The original spatial nets: Born over 40 years ago as a play concept, continuously further developed in form and detail, still popular even after several generations. 16 nets in different geometrical shapes, sizes and supporting constructions form the planets in the spatial net universe.

With our flexible Frameworx space frame, we have achieved an optimal net volume, e.g. with the spaceballs: Plenty of room for playing on a small area. All structures feature the innovative AstemTT tensioning system.

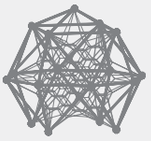
Quadrifol and The Globe are the latest extensions of the Univers product range.

Only Berliner's cloverleaf rings ensure replaceability of single rope sections in spatial nets.

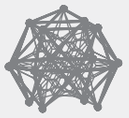
Overview
Univers



Spaceball XL

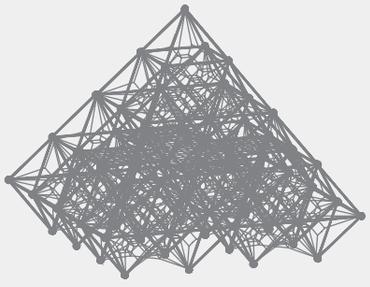


Spaceball L

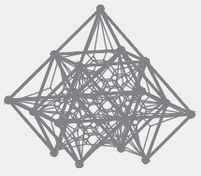


Spaceball M

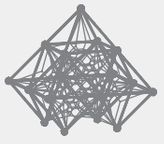
Spaceball S



Neptun XXL



Neptun



Jupiter

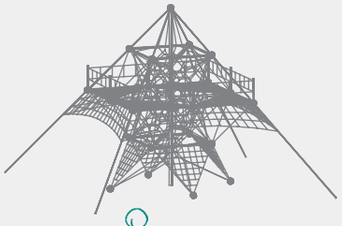
Mini Jupiter

Venus

Maxi Mars

Mars

Mini Mars



Pegasus

Uranus

Phoeniac

Pluto

The Globe

Quadrijol

Size of safety zone may differ depending on use of rubber fall protection. Please contact us.

Joe Brown **Inventor of Rope Play Equipment.**

Joseph Brown was born in 1909 as a son of Russian immigrants in Philadelphia, United States of America. At the age of 18 he was the recipient of a football scholarship from Temple University in Philadelphia, where he studied physical education. Shortly before he was to graduate in 1928, he left university and became a professional boxer. Following an injury, Joe discovered he had a weakness for sculpture and devoted more and more time to the arts. In 1931, Joe Brown returned to Temple University and completed his studies. After six years as a sculptor, Joe was employed at Princeton University to train boxers.

Having recognized, that movement through sport and play is important for the development of young people, Joe Brown turned his attention to play equipment for the first time in 1950, examples of which he presented to the general public at the National Recreational Congress in St. Louis in 1954. Many experts believe his designs to have been revolutionary. He developed what he termed play communities, which drew attention both for their sculptural character and their play function. Joe Brown is thus also regarded as a pioneer of modern play equipment culture, having been one of the very first to define play as preparation for the responsibilities of adulthood. Over the next few years, he installed a number of prototypes in Philadelphia and outside the USA, in London and Tokyo. However, there was no mass production of his designs, since he did not have the manufacturing capacity nor did he wish to hand everything over to others. In 1959, Joe Brown published a book called Creative Playgrounds and Recreation Centers containing the designs of his first spatial rope play equipment. He derived his play concept for rope play equipment from a classic boxing ring.

He also created the first designs for today's very popular high rope gardens. Until long into the 1960s, he attempted but failed to find a licensee, so instead he implemented individual special projects. Ultimately, Joe Brown became an instructor in art and taught sculpture until his retirement in 1977. Joseph Brown passed away in 1985 in Philadelphia.

In Germany, it was Conrad Lehmann who further pursued the idea of rope play equipment and combined his approach with the insights of Frei Otto at the Institute for Lightweight Structures. Then in the early 1970s, these designs were developed to the mass production stage using the technical expertise of the Berliner Seilfabrik. In the more than 40 years during which the Berliner Seilfabrik worked on the development of rope play equipment, a large number of new structures were created and many of them were patented internationally. These spatial structures are normally based on the 5 Platonic solids, also called regular polyhedrons because the regular structure means that the tensioning points needed for rope play equipment are optimally distributed. The rope play equipment originally invented by Joe Brown remains as popular as ever, and continues to provide a lot of fun for children in playgrounds as well as having an educational effect.

In memory of and homage to the pioneer of rope play equipment, the Berliner Seilfabrik is releasing a new range of equipment called the „Joe Brown Collection".

The Globe

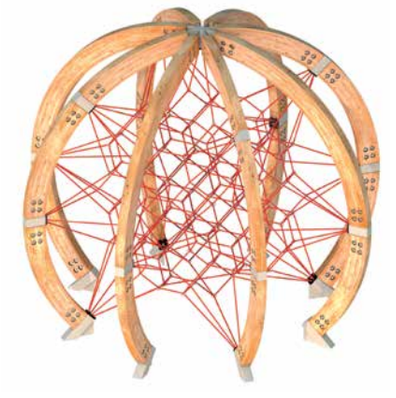
90.100.04.31

	(m)	4,4 x 4,4 x 3,8
	('-")	14-4 x 14-4 x 12-4
	EN 1176 (m)	7,5 x 7,5
	ASTM/CSA(m)	8,0 x 8,0
	ASTM/CSA ('-")	26-4 x 26-4
	(m)	1,59
	('-")	5-2
		5

New

München, Germany

Climbing in a three-dimensional net helps children to develop and improve their psychomotor skills. Now Berliner Seilfabrik presents the classic play idea of a three-dimensional net climber in a new housing. The outer frame of the Joe Brown Collection is made from glued laminated timber.



Quadrifol

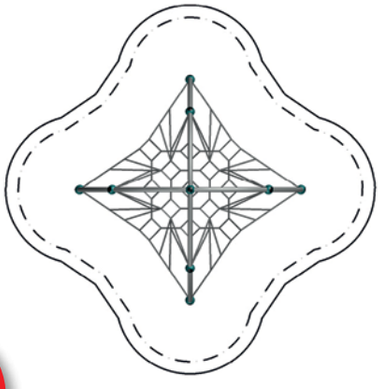
71.100.020

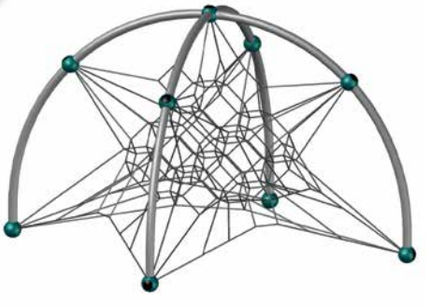
	(m)	4,4 x 4,4 x 3,5
	('-")	14-5 x 14-5 x 11-4
	EN 1176 (m)	7,4 x 7,4
	ASTM/CSA(m)	8,1 x 8,1
	ASTM/CSA ('-")	26-5 x 26-5
	(m)	1,30
	('-")	4-4
		3

A climbing web stretched across metal arcs – at 35 m^3, it offers you and 35 friends endless climbing fun!

Berlin, Germany

New

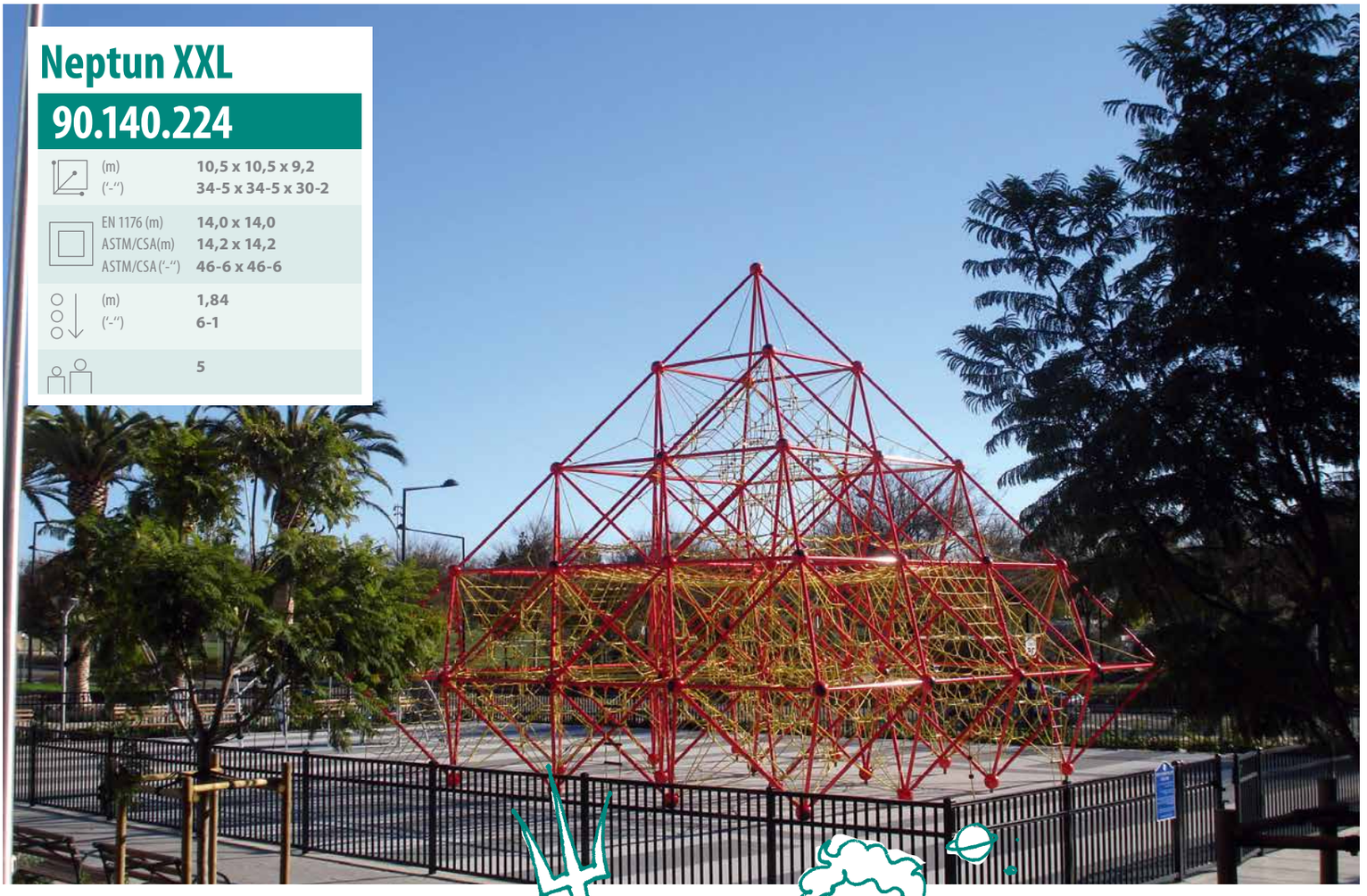




Neptun XXL

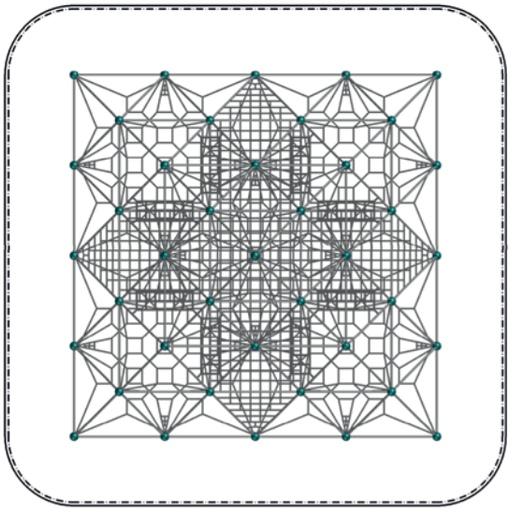
90.140.224

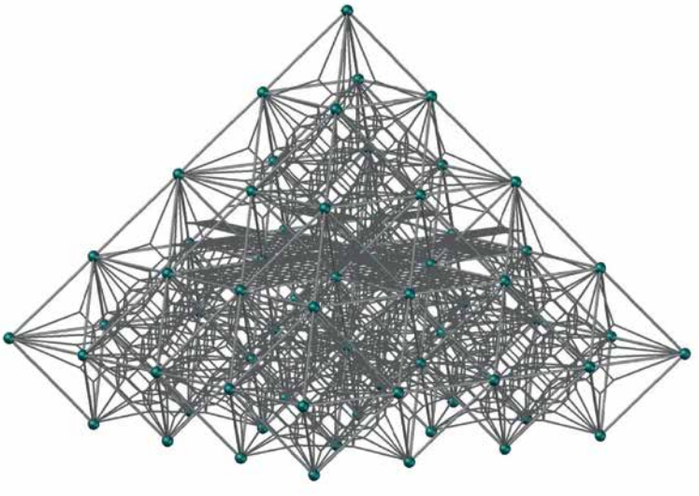
	(m)	10,5 x 10,5 x 9,2
	('-")	34-5 x 34-5 x 30-2
	EN 1176 (m)	14,0 x 14,0
	ASTM/CSA(m)	14,2 x 14,2
	ASTM/CSA ('-")	46-6 x 46-6
	(m)	1,84
	('-")	6-1
		5



Promenade Park, Union City, CA, USA

The mighty Neptun XXL offers play volume for more than 200 kids. The accessible unit offers fun, challenge and an unmatched reward for those who reach the top without compromising the user's safety: While being more than 9 m tall, the free fall height of the majestic structure never exceeds 1,8 m.



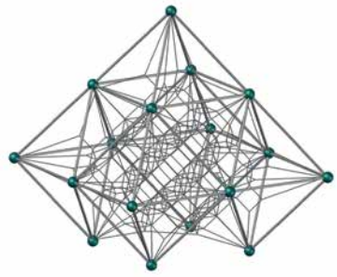


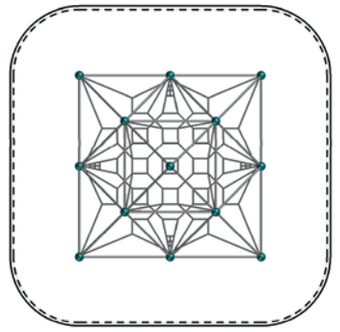
Neptun

90.100.110

	(m)	5,4 x 5,4 x 5,6
	('-")	17-8 x 17-8 x 18-5
	EN 1176 (m)	8,9 x 8,9
	ASTM/CSA(m)	9,1 x 9,1
	ASTM/CSA ('-")	29-8 x 29-8
	(m)	1,84
	('-")	6-1
		5

In Jupiter's big brother kids can explore the real feeling of space. The additional one meter in length, width and height offers a lot of extra net volume to enjoy.





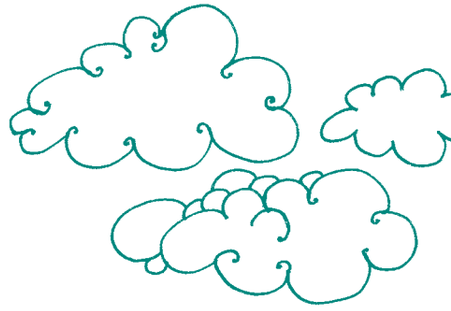
Neptun.17

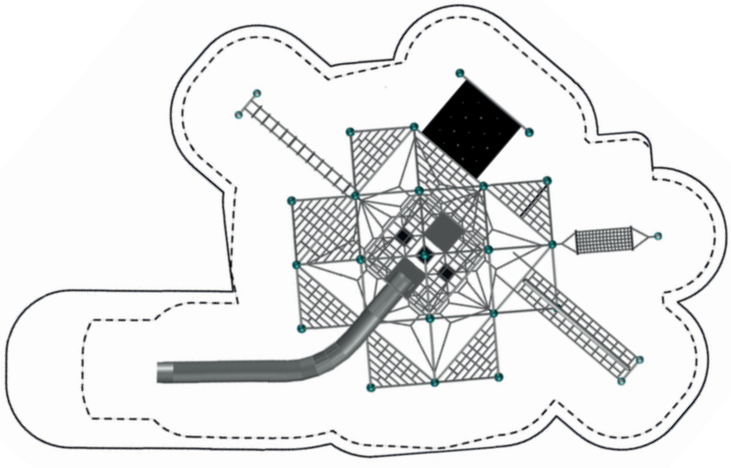
90.141.020

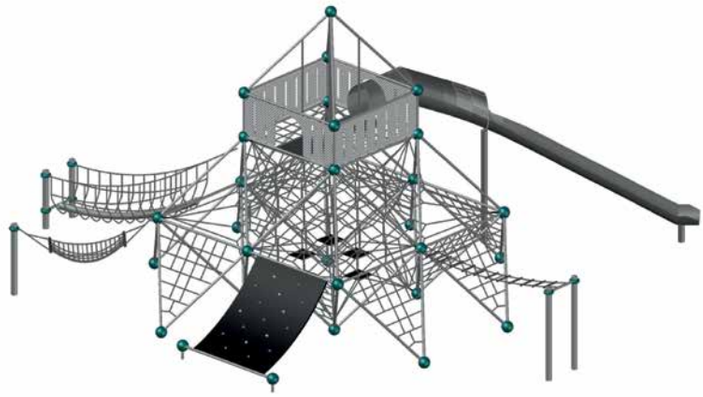
	(m)	13,2 x 12,5 x 6,4
	('-")	43-5 x 40-10 x 21-1
	EN 1176 (m)	17 x 17,7
	ASTM/CSA(m)	17 x 17,7
	ASTM/CSA ('-")	55-10 x 58-1
	(m)	2,5
	('-")	8-3
		5

This Univers Combination is based on a Neptun. We added rubber membranes, a hammock, a fortress on top and a huge plastic slide. This structure is clearly the centerpiece of every playground.

Grass Lawn Park, Redmond, WA, USA
Slide also available in stainless steel.







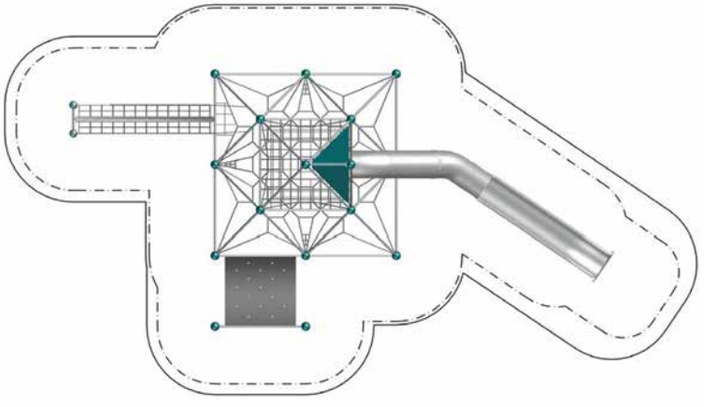
Neptun.20

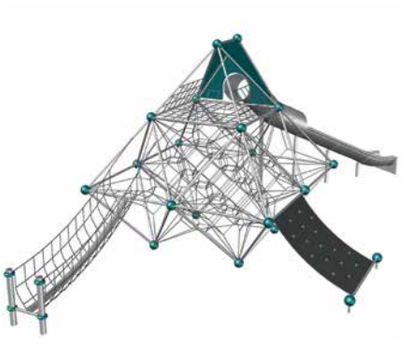
90.141.211

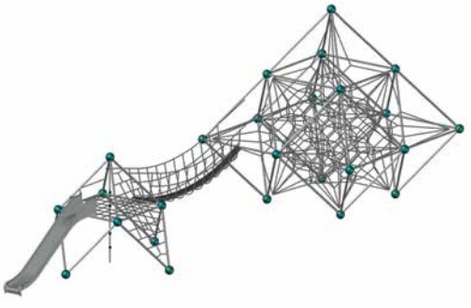
	(m)	15,4 x 7,4 x 5,7
	('-")	50-6 x 19-9 x 18-5
	EN 1176 (m)	10,6 x 18,8
	ASTM/CSA(m)	19,6 x 10,7
	ASTM/CSA ('-")	64-2 x 36-2
	(m)	1,85
	('-")	6-1
		5

If transparency is the priority, the dormer may be the solution. Similar to the HDPE fort of a Neptun 17, the dormer also allows for a 8 metre slide to be attached. The net fort improves safety as well as visibility.

Willard Elementary, Ridgewood, NJ, USA





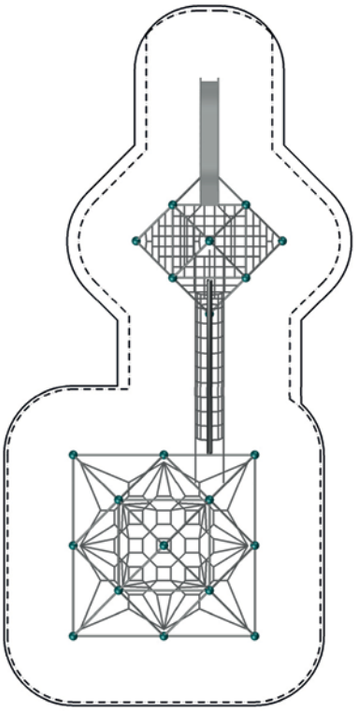


Neptun.11

90.140.014

	(m)	15,9 x 6,2 x 5,6
	('-")	52-3 x 20-3 x 18-5
	EN 1176 (m)	19,6 x 9,4
	ASTM/CSA(m)	19,8 x 9,9
	ASTM/CSA ('-")	64-11 x 29-8
	(m)	1,84
	('-")	6-1
		5

Univers combination based on a Neptun, liked with a nethouse by a 4.8 metre jungle bridge. There is also a slide attached to the nethouse. A horizontal net in the nethouse creates a slide entrance platform. An opening in the middle of that net allows access to the platform by the climbing rope. Rubber knots pressed onto the climbing rope allow easy climbing.



Spaceball L

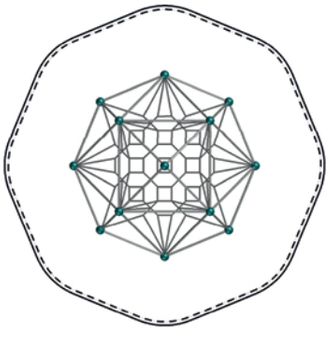
90.100.111

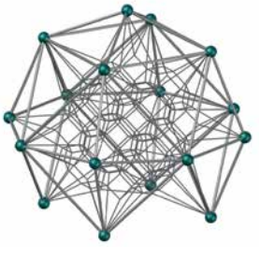
	(m)	5,4 x 5,4 x 4,5
	('-")	17-8 x 17-8 x 14-9
	EN 1176 (m)	8,9 x 8,9
	ASTM/CSA(m)	9,1 x 9,1
	ASTM/CSA ('-")	29-8 x 29-8
	(m)	1,84
	('-")	6-1
		5

Indialantic, FL, USA

Plenty of space for climbers of all age-groups is off ered by the Spaceball L. Though it aims high the free fall height is only 1.8 metre.

Our Spceballs can be combined with a broad range of Add-on components.
> *Page 132*



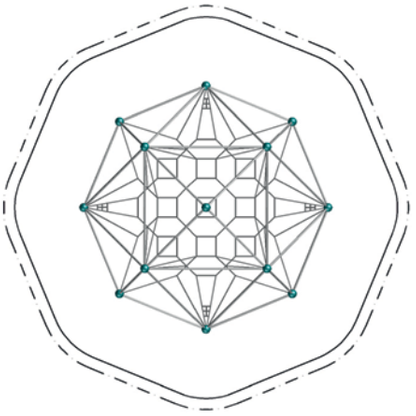


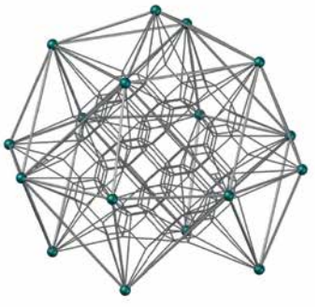
Spaceball XL

90.100.601

(m)		7,2 x 7,2 x 6,0
('-")		23-5 x 23-5 x 19-9
EN 1176 (m)		11,5 x 11,5
ASTM/CSA(m)		10,8 x 10,8
ASTM/CSA ('-")		35-5 x 35-5
(m)		2,47
('-")		8-2
		8

The huge Spaceball XL with a total height of 6 metres is a landmark that attracts climbers from near and far. It is a challenge for older kids too.





Spaceball M

90.100.041

(m)		4,4 x 4,4 x 3,7
('-")		14-5 x 14-5 x 12-0
EN 1176 (m)		7,4 x 7,4
ASTM/CSA(m)		8,1 x 8,1
ASTM/CSA ('-")		26-5 x 26-5
(m)		1,49
('-")		6-0
		5

The voluminous Spaceball M invites older kids to climb together with others.


Mount Carmel Holy Family School, New York City, NY, USA

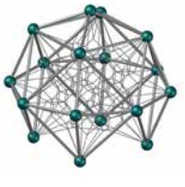
Spaceball S

90.100.031

(m)		3,7 x 3,7 x 3,0
('-")		11-11 x 11-11 x 9-11
EN 1176 (m)		6,7 x 6,7
ASTM/CSA(m)		7,3 x 7,3
ASTM/CSA ('-")		23-11 x 23-11
(m)		1,23
('-")		6-0
		3

In the smallest version of the Spaceballs with a free fall height of only 1.8 metre the new climbers can improve their climbing skills.


Saint Brevin, France



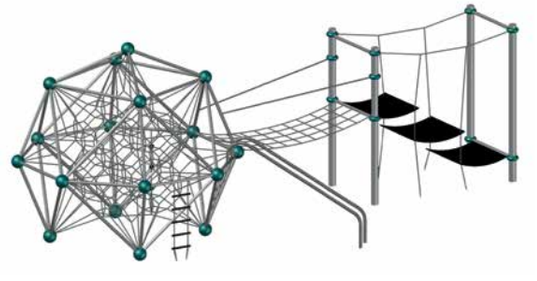
Spaceball M.01

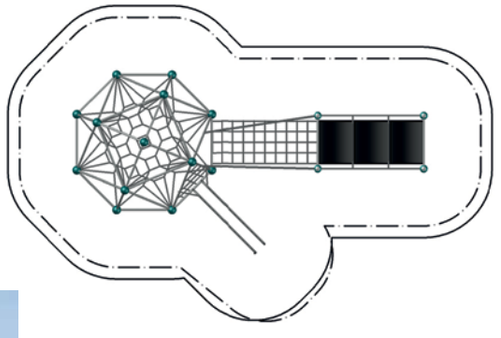
90.134.066

	(m)	10,0 x 5,3 x 3,6
	('-")	32-12 x 17-3 x 11-12
	EN 1176 (m)	13,0 x 8,6
	ASTM/CSA(m)	13,7 x 8,9
	ASTM/CSA ('-")	44-12 x 29-1
	(m)	1,95
	('-")	6-6
		5

The net bridge offers a playful connection between the Spaceball M and the flubber access. And the banister slide ensures a stylish completion of the round.

Freiheitsweg, Berlin, Germany





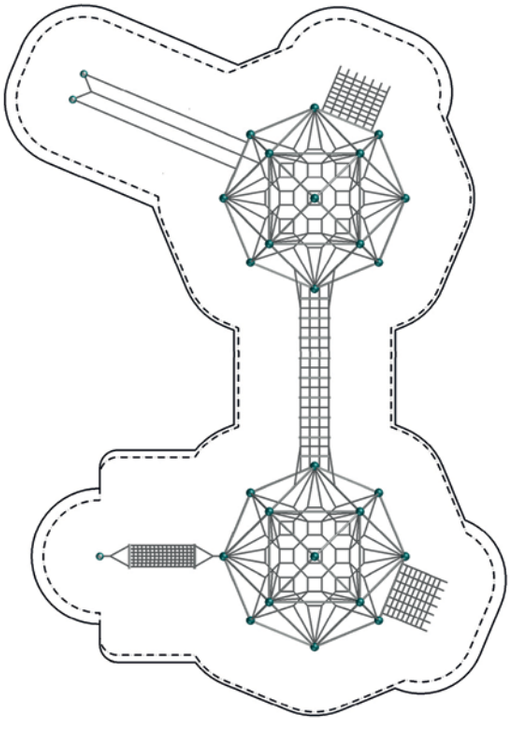
Spaceball L.02

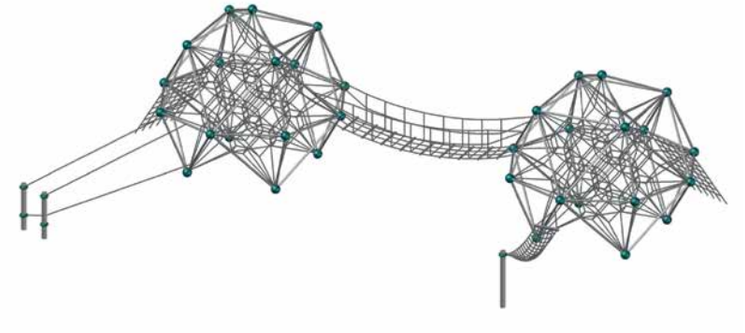
90.136.007

	(m)	16,5 x 10,5 x 4,5
	('-")	54-2 x 34-2 x 14-9
	EN 1176 (m)	19,7 x 13,5
	ASTM/CSA(m)	20,1 x 14,2
	ASTM/CSA ('-")	65-12 x 46-6
	(m)	1,84
	('-")	6-1
		5

Two big Spaceball L climbers are connected by a 5 metre long suspension bridge. A hammock, a balancing rope and two access nets make the huge combination complete which offers play space for more than 100 kids.

Lemgo, Germany





Jupiter.02

90.140.030

	(m)	4,4 x 5,2 x 4,5
	('-")	14-5 x 17-1 x 14-9
	EN 1176 (m)	7,4 x 8,2
	ASTM/CSA(m)	8,9 x 8,1
	ASTM/CSA ('-")	29-1 x 26-5
	(m)	1,49
	('-")	6-0
		5

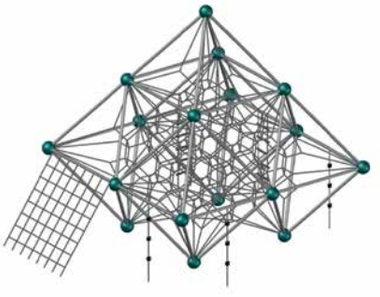
Two rope ladders, three climbing ropes and a half-side access net enrich the climbing opportunities of the Jupiter net structure and turn it into a climbing oasis.

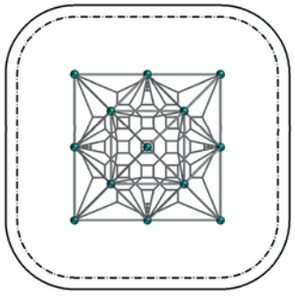
Berlin, Germany

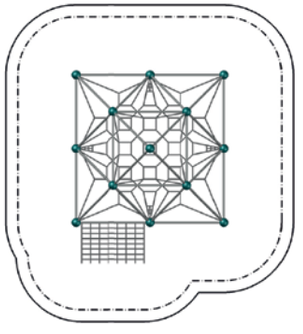
Mini Jupiter

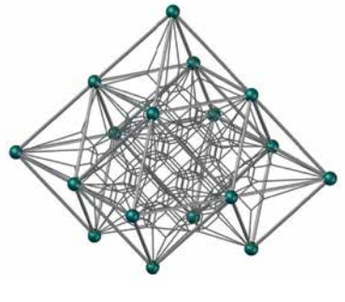
98.100.040

	(m)	3,6 x 3,6 x 3,7
	('-")	11-10 x 11-10 x 12-2
	EN 1176 (m)	6,6 x 6,6
	ASTM/CSA(m)	7,3 x 7,3
	ASTM/CSA ('-")	23-10 x 23-10
	(m)	1,23
	('-")	6-0
		5









Jupiter

90.100.040

	(m)	4,4 x 4,4 x 4,5
	('-")	14-5 x 14-5 x 14-9
	EN 1176 (m)	7,4 x 7,4
	ASTM/CSA(m)	8,1 x 8,1
	ASTM/CSA ('-")	26-5 x 26-5
	(m)	1,49
	('-")	6-0
		5

The Jupiter is ideal for large groups of children playing simultaneously. The total height of almost 4.5 metres is very appealing to children.

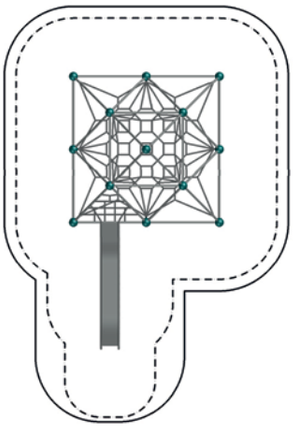
Jupiter.03

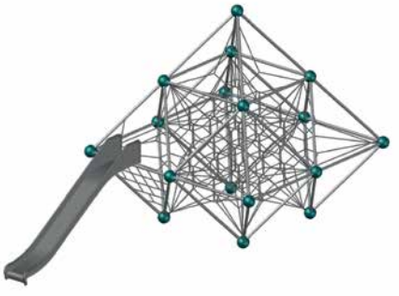
90.140.027

	(m)	7,8 x 4,4 x 4,5
	('-")	25-5 x 14-5 x 14-9
	EN 1176 (m)	11,3 x 7,4
	ASTM/CSA(m)	11,8 x 8,1
	ASTM/CSA ('-")	38-5 x 26-5
	(m)	1,83
	('-")	6-0
		5

The combination of the advantages of the Jupiter net climber with the joy of sliding. Users with limited climbing skills can access the slide easily via the triangular net.

Dandenong, Australia





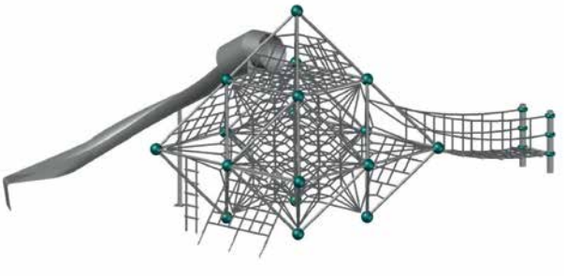
Jupiter.07

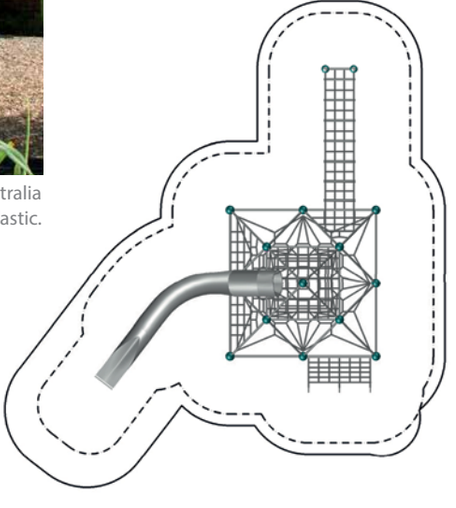
90.140.001

	(m)	9,4 x 8,4 x 4,5
	('-")	30-9 x 27-6 x 14-9
	EN 1176 (m)	12,9 x 11,8
	ASTM/CSA(m)	14,3 x 13,2
	ASTM/CSA ('-")	47-0 x 42-12
	(m)	2,5
	('-")	8-3
		5

A long suspension bridge, a rope ladder and a half-side access net are alternative ways to access the Jupiter. Brave climbers who dare to go up to the top recieve a great ride down to earth along the curved slide as reward.

Melbourne, Australia
Slide also available in plastic.





Maxi Mars

99.100.015

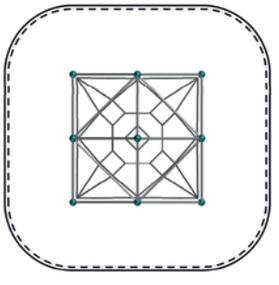
	(m)	3,9 x 3,9 x 3,8
	('-")	12-7 x 12-7 x 12-6
	EN 1176 (m)	7,3 x 7,3
	ASTM/CSA(m)	7,5 x 7,5
	ASTM/CSA ('-")	24-7 x 24-7
	(m)	1,84
	('-")	6-1
		5

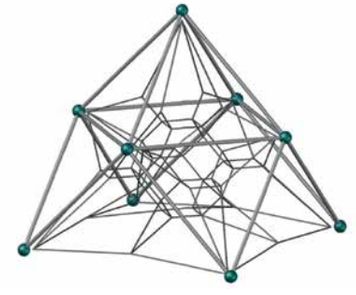
Mini Mars

98.100.010

	(m)	2,6 x 2,6 x 2,5
	('-")	8-7 x 8-7 x 8-3
	EN 1176 (m)	5,6 x 5,6
	ASTM/CSA(m)	6,3 x 6,3
	ASTM/CSA ('-")	20-7 x 20-7
	(m)	1,83
	('-")	6-0
		3

The Maxi Mars unites the advantages of the Mars with an even more challenging height.





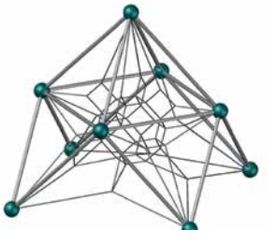
Mars

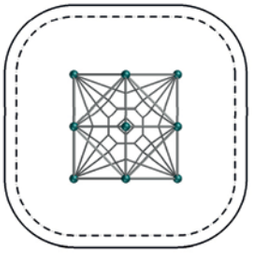
90.100.010

	(m)	3,2 x 3,2 x 3,1
	('-")	10-5 x 10-5 x 10-0
	EN 1176 (m)	6,2 x 6,2
	ASTM/CSA(m)	6,9 x 6,9
	ASTM/CSA ('-")	22-5 x 22-5
	(m)	1,49
	('-")	6-0
		5

The Mars is specifically designed for beginners as most of the usable netspace is close to the ground. Courageous climbers can experience the first feelings of success when climbing up to the top.

Eric F. Hornig, Hitchcock Design Group

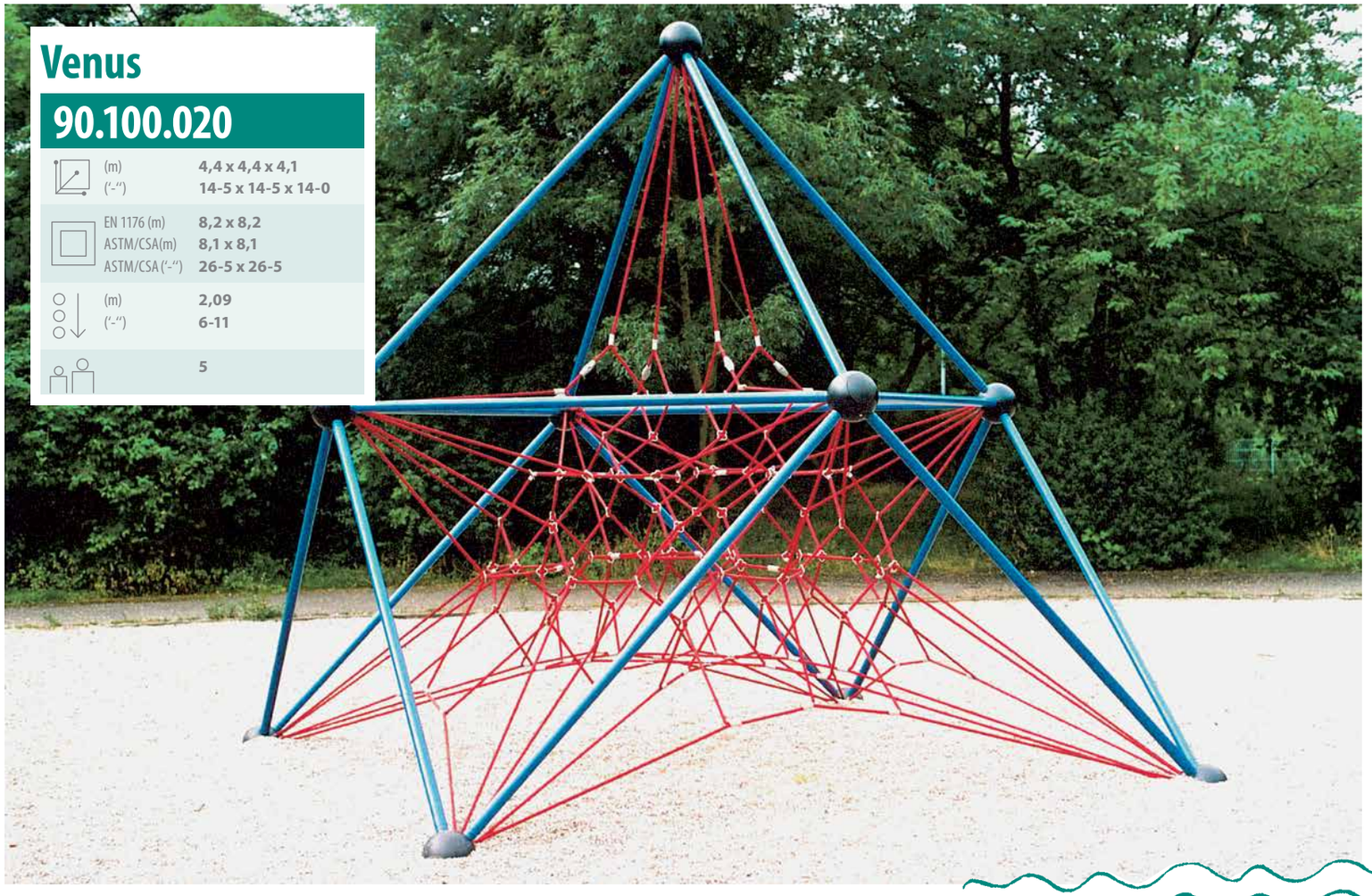




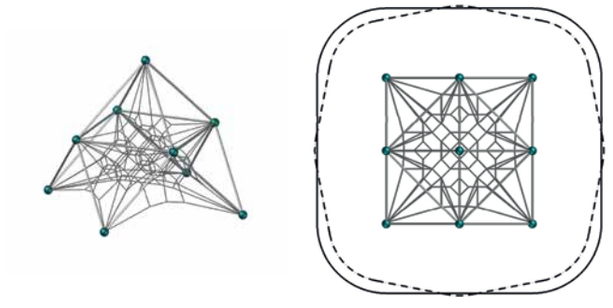
Venus

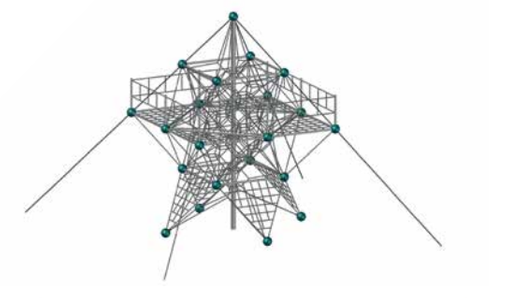
90.100.020

	(m)	4,4 x 4,4 x 4,1
	('-")	14-5 x 14-5 x 14-0
	EN 1176 (m)	8,2 x 8,2
	ASTM/CSA(m)	8,1 x 8,1
	ASTM/CSA ('-")	26-5 x 26-5
	(m)	2,09
	('-")	6-11
		5



The design is similar to the Mars, however the Venus has a taller frame and a more voluminous net. Also the access into the net is close to the ground allowing smaller children to join the fun. The upper net volume offers fun and challenge for older kids.



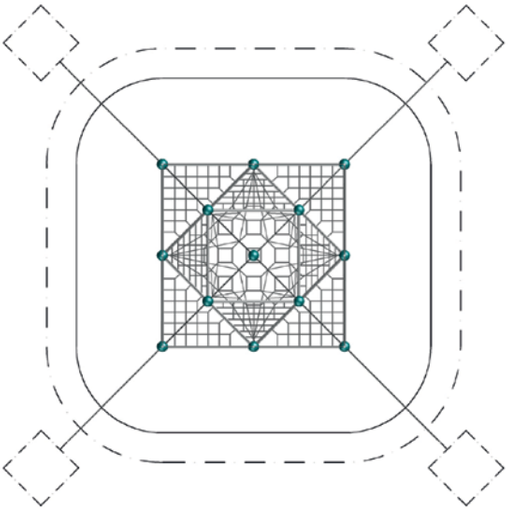


Uranus

90.100.075

	(m)	8,3 x 8,3 x 5,9
	('-")	27-1 x 27-1 x 19-2
	EN 1176 (m)	9,4 x 9,4
	ASTM/CSA(m)	8,1 x 8,1
	ASTM/CSA ('-")	26-5 x 26-5
	(m)	2,95
	('-")	9-9
		5

The Uranus has got several play levels. The main level in the middle offers a large net terrace around the central volume net. The tall net structure with its striking design is more than just a climber – it is a landmark.



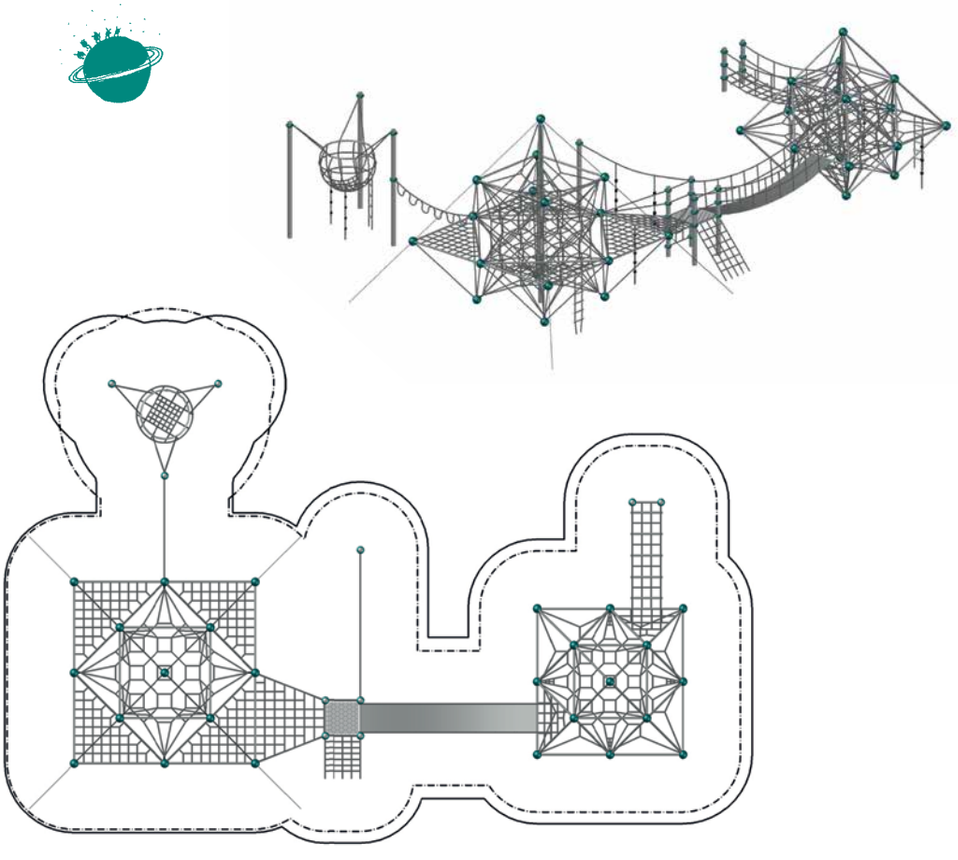
Daybreak, El Commons, UT, USA

Phoenix.02

90.140.921

	(m)	18,6 x 12,1 x 5,6
	('-")	61-1 x 39-9 x 18-3
	EN 1176 (m)	20,7 x 14,7
	ASTM/CSA(m)	21,1 x 14,9
	ASTM/CSA ('-")	69-4 x 48-11
	(m)	2,5
	('-")	8-3
		5

This great combination connects a Phoenix and a Jupiter with a rubber bridge. A hand-over- hand loop rope leads from the Phoenix to a wasps' nest.

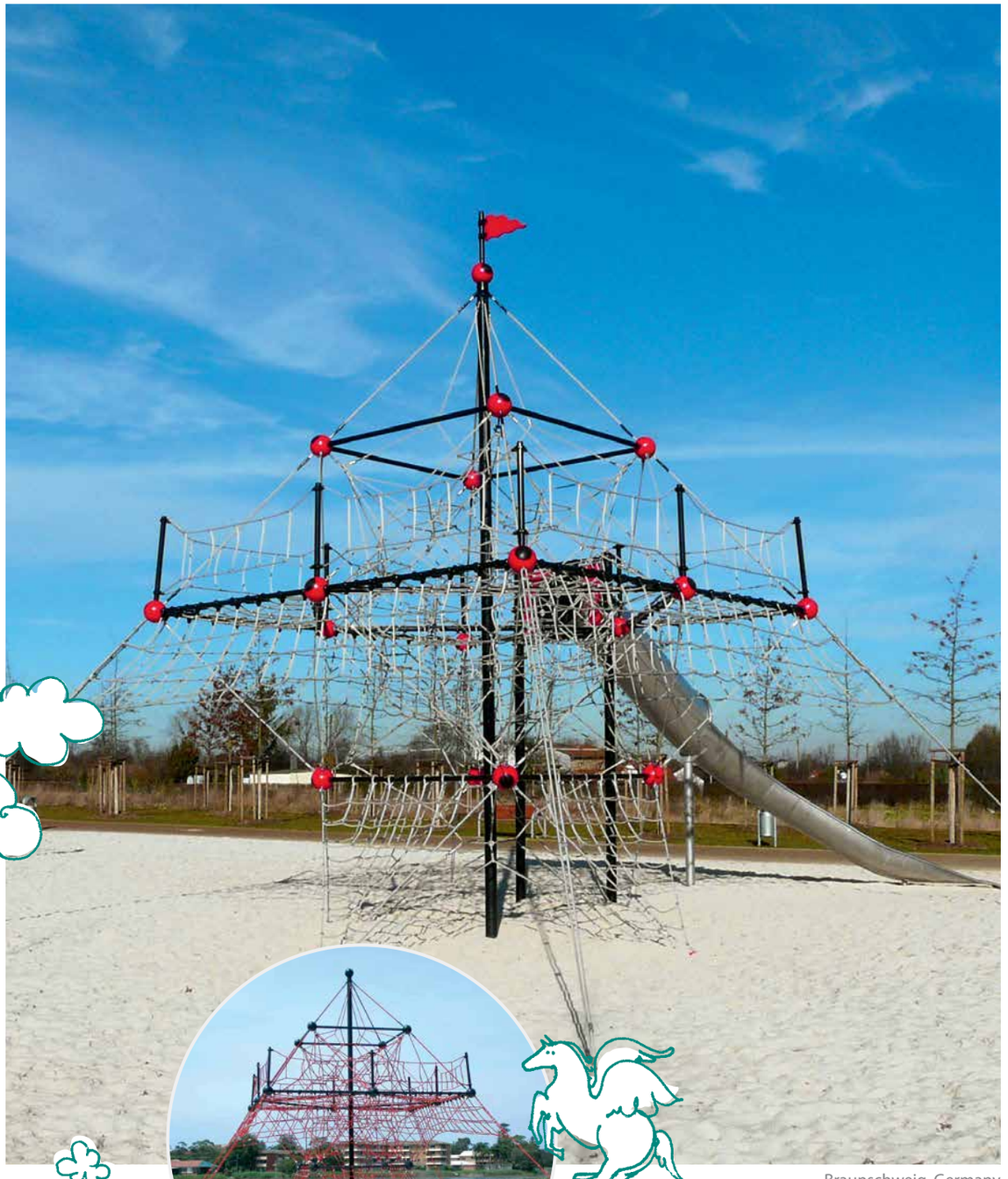


Pegasus.02

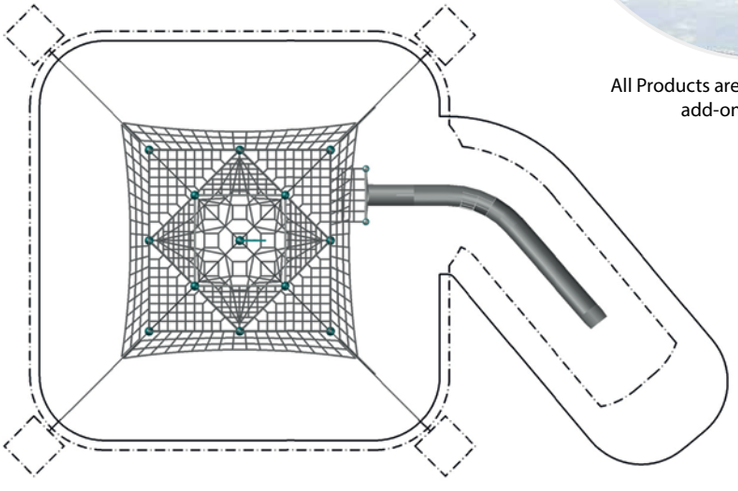
90.140.845

	(m)	10,3 x 15,5 x 8,1
	('-")	46-7 x 25-1 x 26-7
	EN 1176 (m)	11,9 x 13,3
	ASTM/CSA(m)	19,4 x 12,0
	ASTM/CSA ('-")	63-9 x 39-3
	(m)	3,0
	('-")	9-11
		5

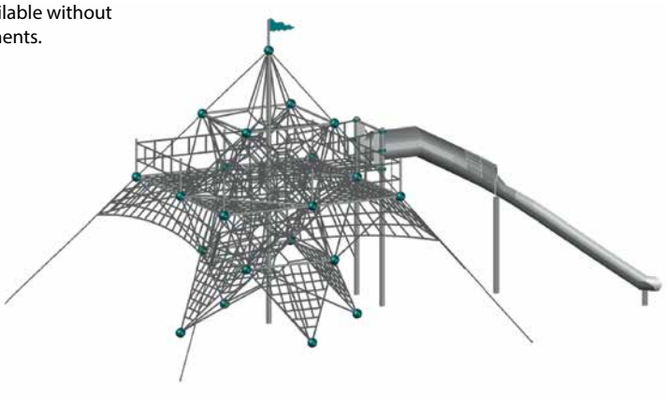
The sky is the limit in the big brother of Uranus. With a height of more than 7 metre, Pegasus is a huge "space ship" attracting children from near and far.



Braunschweig, Germany



All Products are also available without add-on components.



Irrland

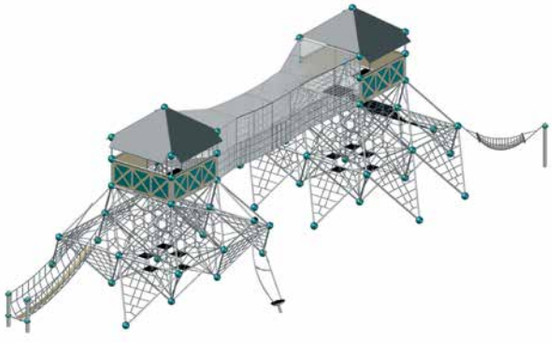
90.141.227

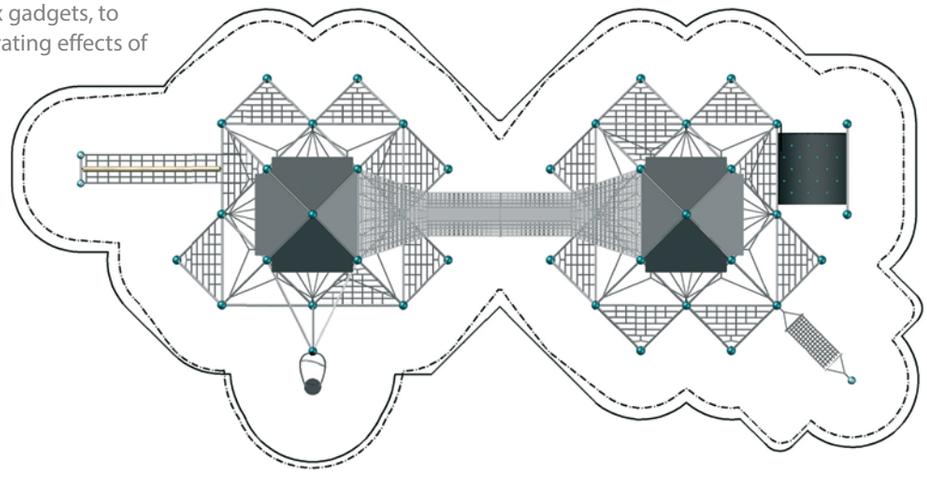
	(m)	22,1 x 9,1 x 6,5
	('-")	29-9 x 72-4 x 21-2
	EN 1176 (m)	12,7 x 25,2
	ASTM/CSA(m)	12,8 x 25,8
	ASTM/CSA ('-")	42-0 x 84-6
	(m)	1,72
	('-")	5-8
		5

We are in Irrland in Kevelaer-Twisteden, Nordrhein-Westfalen, close to the Dutch border. Irrland or 'maze land': a farm-adventure oasis where it is the everyday that gets lost. The maize labyrinth is just one of the many attractions of this family-run enterprise. The couple Johannes and Josefine Winkels-Tebarzt-van Elsts began the conversion of their farm to an adventure park when they first created a maize labyrinth in 1999 in order to generate supplementary income. Since then, their main business has been running the now extensive amusement park. The park has been continuously developed: attractions such as a petting zoo, pony riding and play equipment have been added to the site that now covers an area of 300,000 m^2. The owners have deliberately avoided installing lavish fairground rides and have concentrated on providing traditional features and family-and child-friendly attractions. This strategy seems to work: the park has more than 1 million visitors annually.

Dedicated areas have been remodelled to accommodate the park's special themes for 2015: 'Bread and Circuses' and 'On the trail of the Romans'. The park operators decided to commission Berliner Seilfabrik to realise the concepts.
The adventure oasis already has experience of the values of rope play equipment in the form of an element installed by the company TriPoli. The play value and capacity of an external framework structure supporting an internal rope network arrangement are optimal and surpass those of standard playground
equipment.

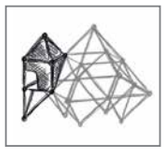
The Philosophy of the subject and thererfore the new playgruond area is described by Irrland in the following way: „ We enable visitors to escape from the everyday completely without screens and complex gadgets, to rediscover the pleasures of active adventure and the invigorating effects of fresh air, to come into actual contact with a range of various animals and find inspiration in colourful flowers and plants".
The architects and landscape designers of Berliner Seilfabrik had an area of 15 x 30 metres at their disposal (including safety clearance space) while the theme they were required to use ("Ancient Rome") was predefined. As the amusement park operators knew exactly what they wanted and the personnel of the Seilfabrik's creative centre had the necessary skills, it was possible to work without having to employ external designers and thus keep the communication pathways short. Anyone who is in any way familiar with the world depicted in the Asterix comic books will recognise the source of inspiration. Projecting above a defensive palisade are two towers in the style of Roman military architecture. In this case, Berliner Seilfabrik has used two of its standard rope network structures to create an innovative effect. In the upper sections, the network has been replaced by horizontal lattices while the balustrades and the roofs have been covered by high quality HDPE plastic panels that conform to the concept. It is possible to get from one to the other tower without touching the ground by negotiating a suspension bridge at a height of 3.6 metres. In order to comply with safety requirements, this is covered by a finely woven steel mesh to prevent users getting out and climbing on the external sides of the bridge. Additional play fun is provided by a jungle bridge, a rubber belt ramp, a hammock, climbing nets and a swinging device known as the 'Monkey Jibe'. *(> Page 175)*





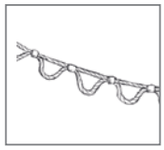
Add-on components for Univers

Roofs/houses

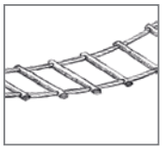

Quadropolis

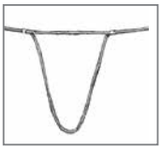

Fort

Climbing and swinging

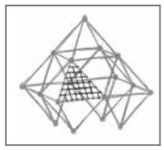

Hand-over-hand loop rope


Hammock


Hand-over-hand ladder

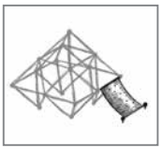

Swinging cable

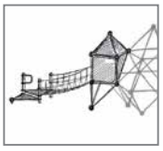
Access


Triangular system net


Rope ladder

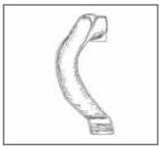

Climbing rope


Rubber membrane ramp

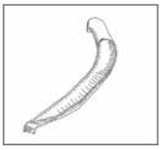

Transfer station

Slides


Straight concave slide

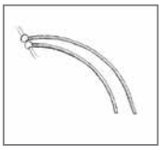

Curved concave slide


Straight box slide

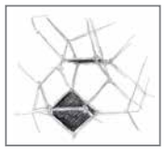

Curved tunnel slide

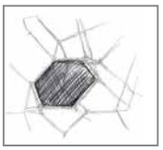
Banister


Straight banister

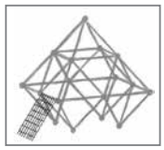

Curved banister

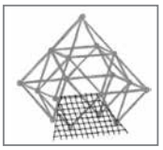
Rubber membrane


Quadrangle

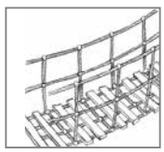

Hexagon

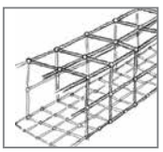
Access nets

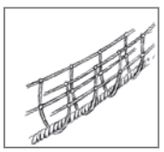

Access net

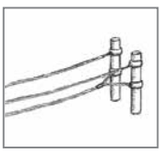

Trapeze access net

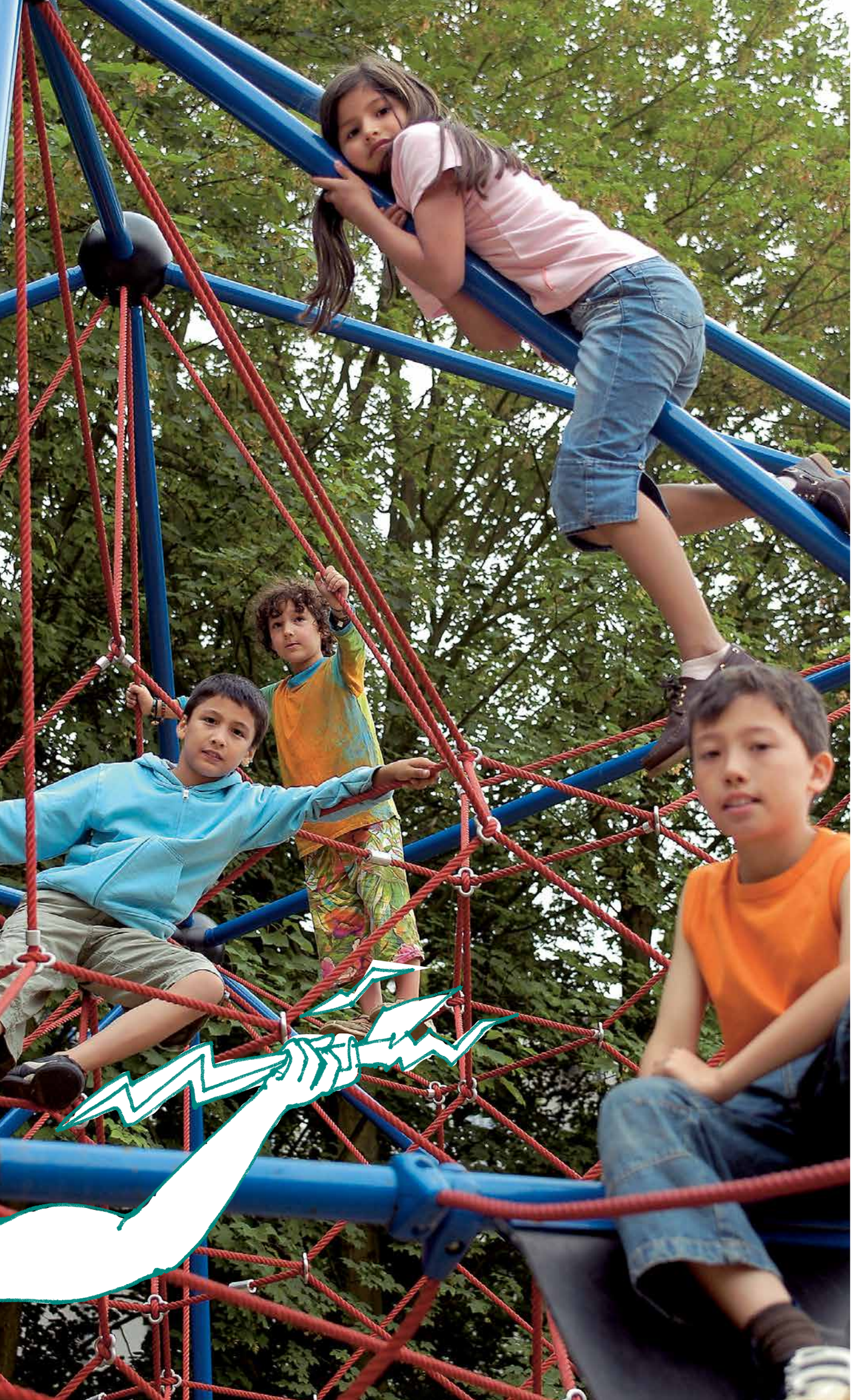
Bridges


Suspension bridge


Net tunnel


Jungle bridge


Balancing cable



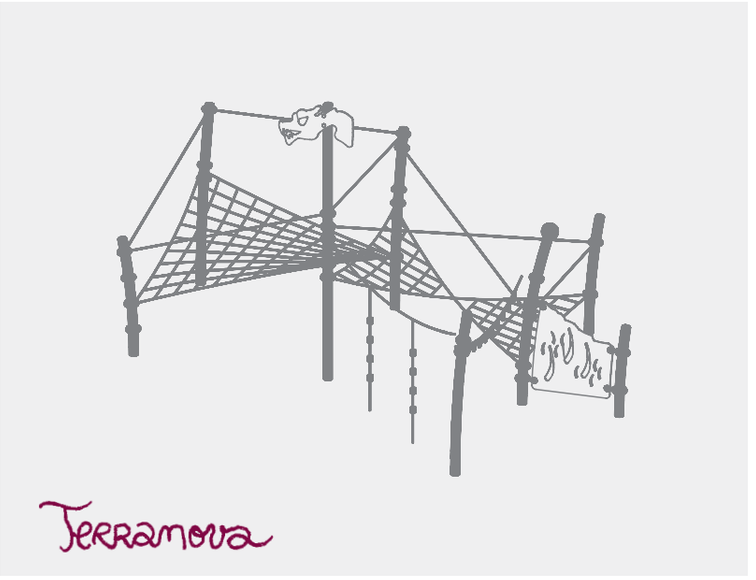
Terranos & Terranova

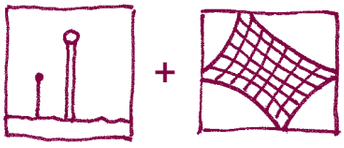
Our netscapes offer children of all ages plenty of space for any kind of climbing, crawling, balancing and other physical activities. The highly accessible components are also the ideal place to get engaged in imaginative play or just to hang around and relax. Thanks to the transparent design, our natural netscapes and their young users are easily supervised.

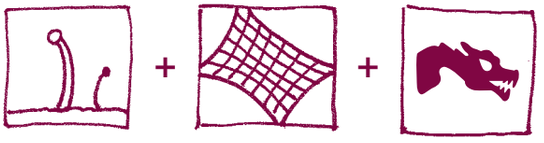
The range of rope accessories can turn any space into a netscape. Whether straight or sloping, there is always space for a two dimensional net or a hand-over-hand climbing component. And if a tree should be in the way, we simply integrate it and make it the focal point of your play world. Spider nets, hammocks, as well as any other rope accessory, connected to the steel posts by height-adjustable clamps, complete the standard or made-to-measure layout. Where Terranos, with its straight posts, delivers play diversity in a classic design, Terranova strives for an organic flow and elemental inspiration. Curved posts, elaborate colour schemes and ornate HDPE panels artistically frame Terranova's four elements – Fire, Water, Earth and Air.

Or what about something even more special? Sculptura's slanted posts will make your playscape even more adventurous, while protection in any weather is offered by our Terranos Shade.

Basics
Terranos & Terranova







Terranos net landscapes – straight posts and connecting elements

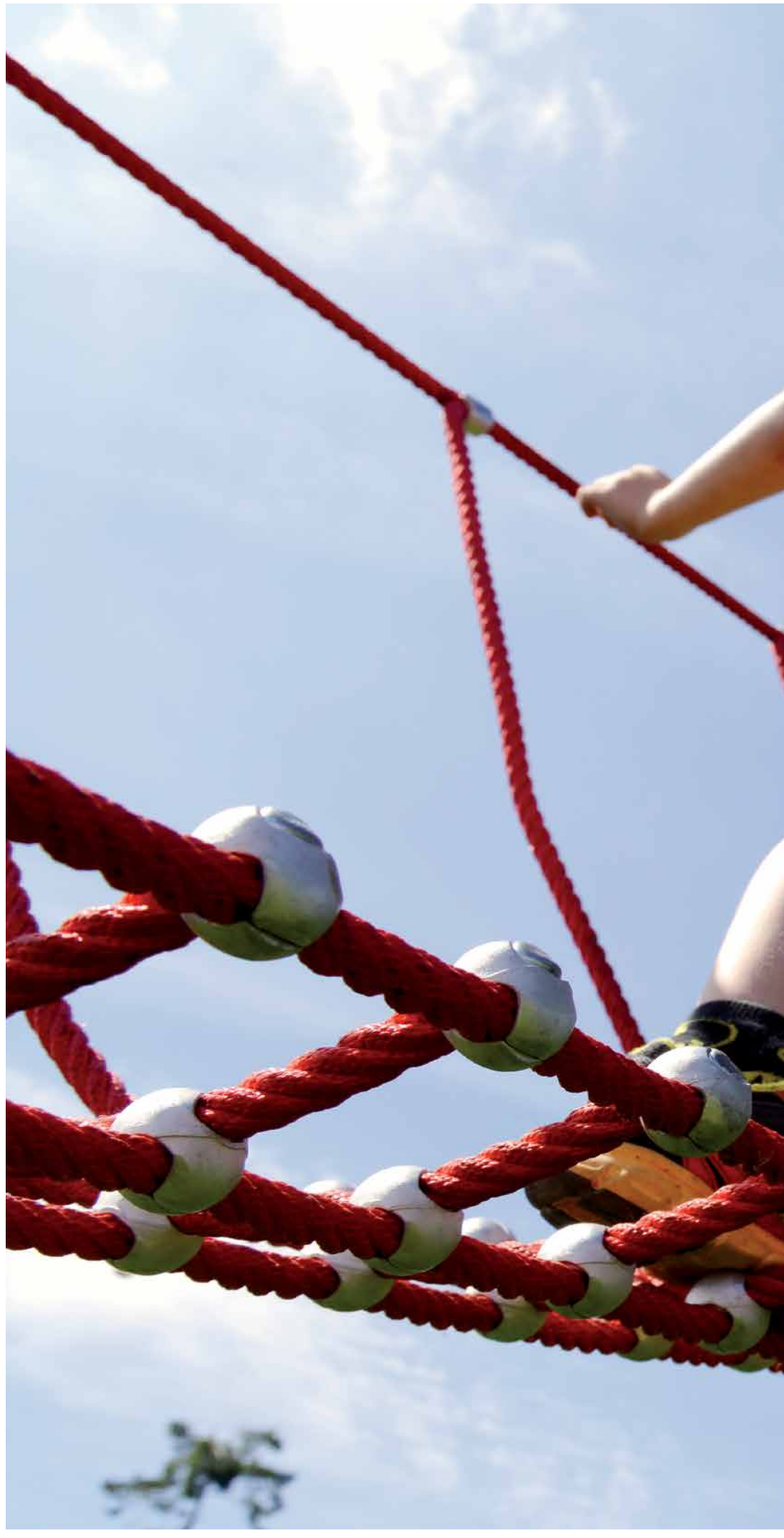
Terranos is the most modular system of all within the Berliner product range. Endless climbing components based on rope near the ground make climbing and balancing adjustable to individual skills.
Most of the components used in Terranos are connected to the straight posts with the Frox connection eliminating shackles and thimbles from the reach of kid's hands. The Frox is connected to the posts with help of the Terranos clamp which is height adjustable on site. Colours for rope, posts and clamps can be chosen from the whole Berliner colour scheme.

Terranova – bent post and four stunning designs

Terranova is a theme-based fully modular low rope course system. While based on the same components as Terranos, Terranova scores with its organic appearance. Bent posts, contrasting clamp colours and the newly developed Chrox connector make Terranova a modern netscape package.

The four themes earth, fire, water and air give Terranova the right look whether you want to let it stand out from nature or blend in with it. Terranos structures are available in a Terranova theme as well.

The way you design your individual net landscape: page 150



Berlin, Germany

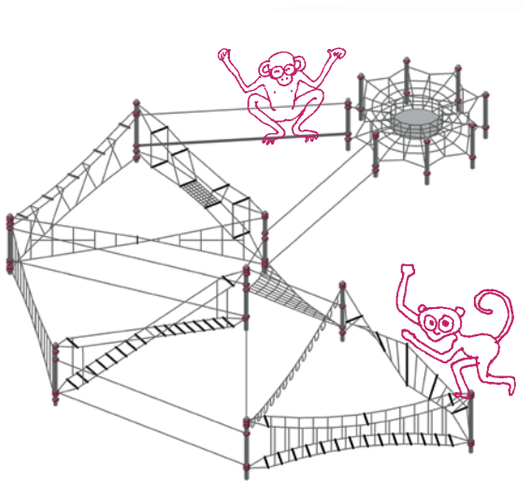
Terrano.1728

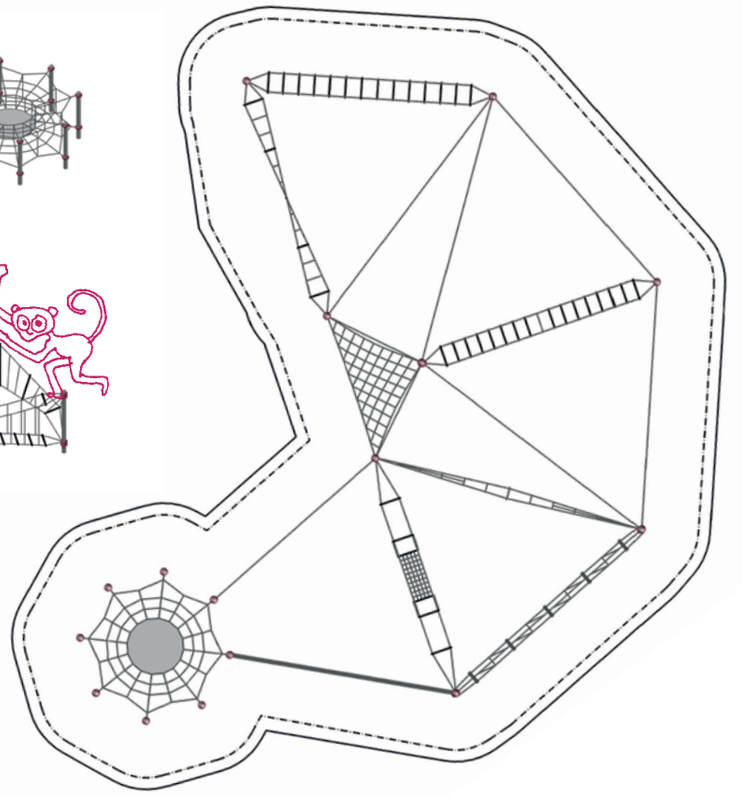
95.171.728

	(m)	19,9 x 17,4 x 2,4
	('-")	65-4 x 57-2 x 7-11
	EN 1176 (m)	20,4 x 21,1
	ASTM/CSA(m)	21 x 21,8
	ASTM/CSA ('-")	68-11 x 71-4
	(m)	1,7
	('-")	5-7
		5

This extensive Terranos structure was inspired by the concept of ropes courses. No need to wear a harness here, but there is still plenty that needs to be mastered. This is not a children's birthday party, this is a challenge for the action seeking adolescent youngsters.

In our Terranova program almost every product is available with curved steel posts.
> Page 152





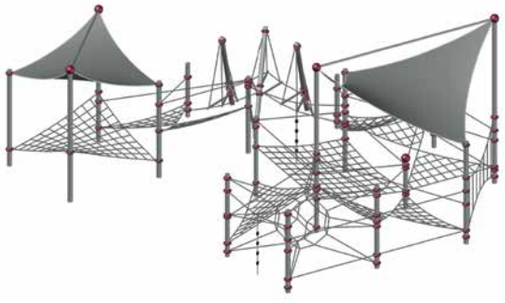
Terrano.1250

95.171.250

	(m)	13,8 x 12,7 x 5,0
	(‘-“)	45-1 x 41-6 x 16-2
	EN 1176 (m)	16,8 x 15,6
	ASTM/CSA(m)	17,2 x 16,2
	ASTM/CSA (‘-“)	56-6 x 52-4
	(m)	1,70
	(‘-“)	6-0
		5

This attractive netscape in the north of Berlin is a real novelty, because for the first time this type of structure features the new elements Terranos Shade as well as the long ladder consisting of the new Sculptura system.

Berlin, Germany



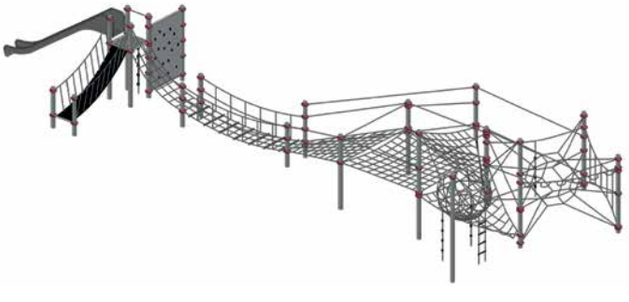
Terrano.2059

95.172.059

	(m)	7,7 x 21,1 x 3,5
	(‘-“)	25-4 x 69-3 x 11-6
	EN 1176 (m)	10,7 x 24,6
	ASTM/CSA(m)	11,4 x 25,4
	ASTM/CSA (‘-“)	37-4 x 83-3
	(m)	2,5
	(‘-“)	8-2
		5

This combination has got it all: slide, climbing wall, planar nets and a space cell.

Hückelhoven, Deutschland



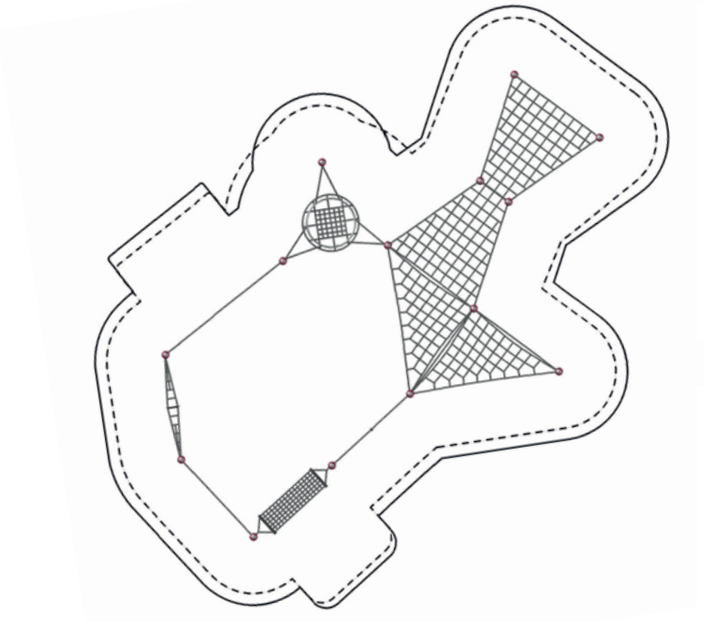
Reilschule, Rhauderfehn, Germany

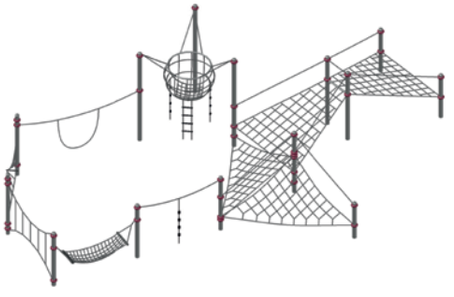
Terrano.2257

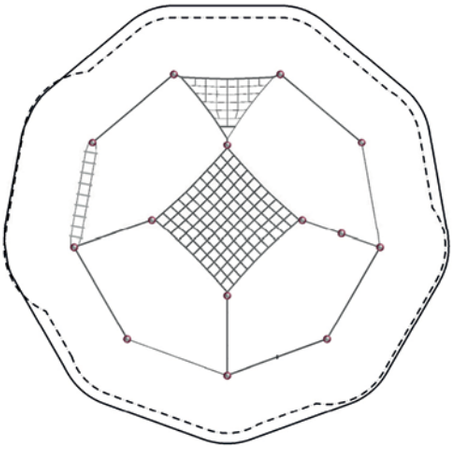
95.172.257

(m)		12,1 x 13,4 x 3,5
('-'')		39-7 x 43-10 x 11-6
EN 1176 (m)		15,6 x 16,4
ASTM/CSA(m)		16,1 x 17,0
ASTM/CSA ('-'')		52-9 x 55-10
(m)		2,5
('-'')		8-2
		5

This structure offers a circuit for climbing so nobody needs to touch the ground. There is plenty of space and a wasps' nest for recess.







Terrano.1895

95.171.895

(m)		8,8 x 8,9 x 2,1
('-'')		28-7 x 29-2 x 6-11
EN 1176 (m)		11,8 x 12,5
ASTM/CSA(m)		12,4 x 12,6
ASTM/CSA ('-'')		40-7 x 41-1
(m)		2
('-'')		6-7
		5

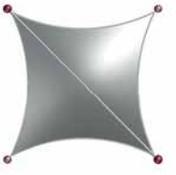
This is an extensive combination in a circular arrangement, offering a lot of climbing possibilities: three hand-over-hand rope loops, a net wall, a climbing rope, two horizontal bars, a flat net, a hand-over-hand ladder, a swinging rope and a balancing cable. Balancing and climbing skills are improved readily and fun is guaranteed.

Shade L

95.171.410

	(m)	4,5 x 4,5 x 5
	('-'')	14-7 x 14-7 x 16-2
	EN 1176 (m)	–
	ASTM/CSA(m)	–
	ASTM/CSA ('-'')	–
	(m)	–
	('-'')	–
		–

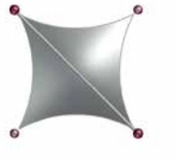
Despite modern indoor play areas, play is still mainly an outdoor activity. To stay cool when playing outdoors during the summer, shade is essential. Shade is a one-piece system that harmoniously integrates shade into the play structure. Shade is suitable for all-weather use.



Shade S

95.171.409

	(m)	3,3 x 3,3 x 4,4
	('-'')	10-8 x 10-8 x 14-3
	EN 1176 (m)	–
	ASTM/CSA(m)	–
	ASTM/CSA ('-'')	–
	(m)	–
	('-'')	–
		–

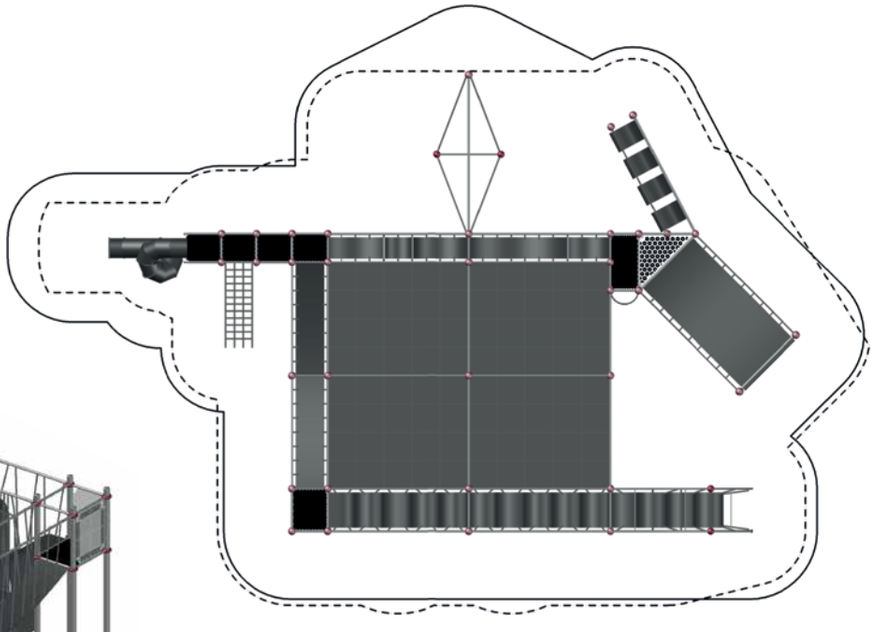


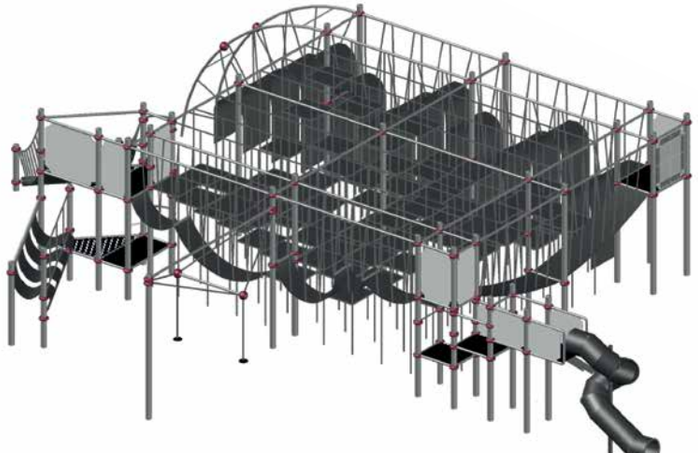
Terrano.595

95.170.595

	(m)	19,6 x 13,1 x 3,9
	(‘-“)	63-12 x 42-12 x 12-8
	EN 1176 (m)	23,5 x 15,7
	ASTM/CSA(m)	24,3 x 16,8
	ASTM/CSA (‘-“)	79-6 x 55-1
	(m)	3
	(‘-“)	9-11
		5

Here is the right stuff for kids in motion! The central element of the giant play combination is a large climbing garden made from rubber membranes, which is also the starting point to discover a whole lot of other play activities. The striking design of that play combination makes it a magnet for crowds of kids who expect more than just old-fashioned conventional play structures.





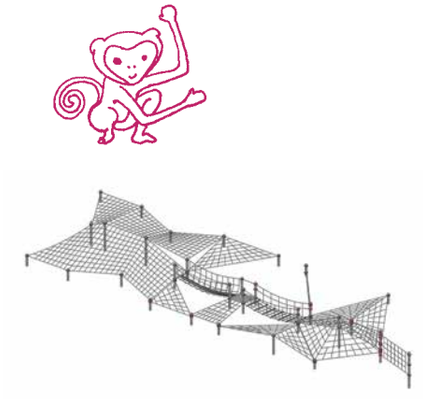
Terrano.1893

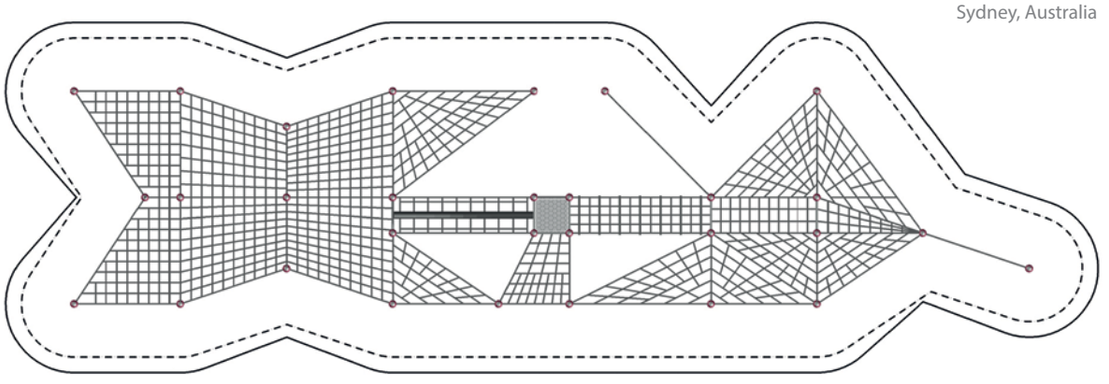
95.171.893

	(m)	27,2 x 6,2 x 2,5
	('-")	89-4 x 20-6 x 8-3
	EN 1176 (m)	30,0 x 9,0
	ASTM/CSA(m)	30,9 x 9,9
	ASTM/CSA('-")	101-4 x 32-5
	(m)	1,7
	('-")	5-7
		5

The stunning diversity of play components aside, this structure amazes with its adaptation to the complex landscaping underneath for a peaceful symbiosis with the surrounding. Nature play at its best.

Sydney, Australia



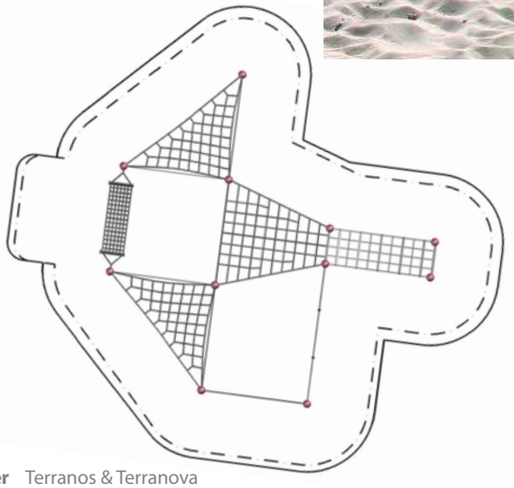


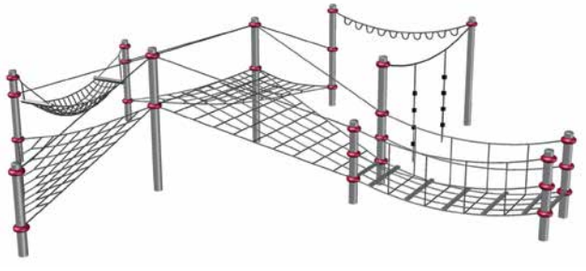
Terrano.2474

95.172.474

	(m)	9,2 x 9,5 x 2,3
	('-")	30-3 x 31-0 x 7-7
	EN 1176 (m)	12,4 x 13,4
	ASTM/CSA(m)	12,9 x 14,0
	ASTM/CSA('-")	42-2 x 45-9
	(m)	1,70
	('-")	5-7
		5

Triangular nets, a trapeze net, a bridge, a hammock, two climbing ropes and a hand-over-hand loop rope, offer a unique mix of different challenges and inclines.



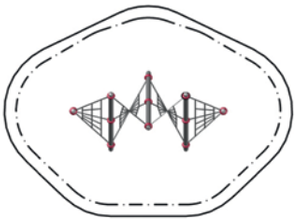


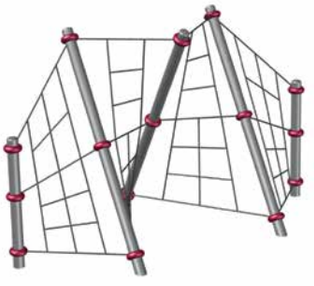
Sculptura.01

95.180.010

	(m)	4,5 x 2,3 x 2,8
	('-'')	14-8 x 7-6 x 8-11
	EN 1176 (m)	5,3 x 7,5
	ASTM/CSA(m)	6,0 x 8,2
	ASTM/CSA ('-'')	19-6 x 26-8
	(m)	1,99
	('-'')	6-7
		5

Sculptura is the "sloping" addition to the otherwise straight Terranos range.
A Sculptura element extends with three sloping Terranos posts across the diagonal of a 3 x 3 m Terranos grid. The centre posts always slope in the opposite direction to the other two outer posts. The diagonal terminates with one straight Terranos post respectively.

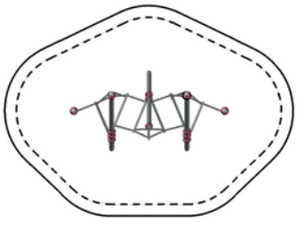


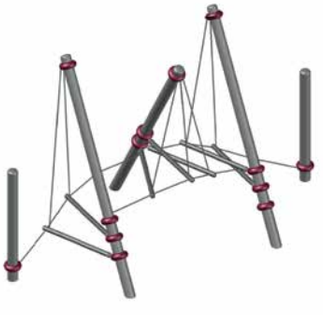


Sculptura.02

95.180.020

	(m)	4,5 x 2,3 x 2,8
	('-'')	14-8 x 7-6 x 8-11
	EN 1176 (m)	5,3 x 7,5
	ASTM/CSA(m)	6,0 x 8,2
	ASTM/CSA ('-'')	19-6 x 26-8
	(m)	1,24
	('-'')	4-1
		5

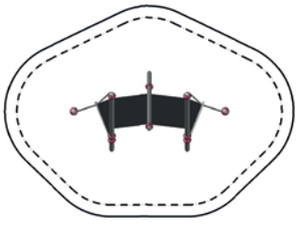




Sculptura.03

95.180.030

	(m)	4,5 x 2,3 x 2,8
	('-'')	14-8 x 7-6 x 8-11
	EN 1176 (m)	5,3 x 7,5
	ASTM/CSA(m)	6,0 x 8,2
	ASTM/CSA ('-'')	19-6 x 26-8
	(m)	0,91
	('-'')	3-0
		5



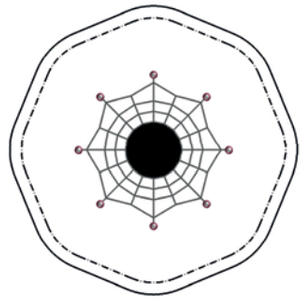
Terrano.1684

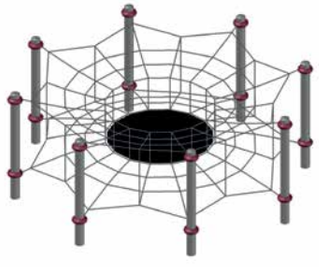
95.171.684

	(m)	4,5 x 4,5 x 1,7
	('-")	14-1 x 14-1 x 5-7
	EN 1176 (m)	7,5 x 7,5
	ASTM/CSA(m)	8,2 x 8,2
	ASTM/CSA ('-")	26-8 x 26-8
	(m)	1,6
	('-")	5-3
		5

Hey kids, a chance of a lifetime to get airborne! There's a place for you – if you can pass the gruelling tests to become one of the world's first astronauts on board the incredible ship Octagon Star Climber. It's a race to the very top and a springing experience on the rubber membrane in the centre. Be part of the adventure!

Berlin, Germany



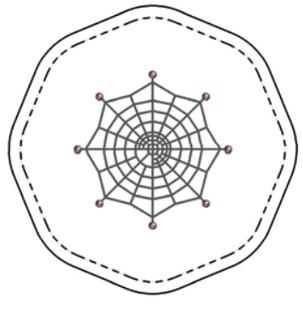


Terrano.658

95.170.658

	(m)	4,5 x 4,5 x 1,1
	('-")	14-7 x 14-7 x 3-8
	EN 1176 (m)	7,5 x 7,5
	ASTM/CSA(m)	8,1 x 8,1
	ASTM/CSA ('-")	26-7 x 26-7
	(m)	1,1
	('-")	3-8
		3

The spider net is the ideal spot to play and to chat together.

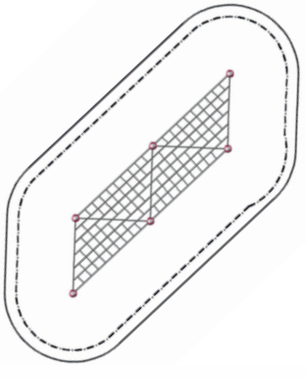


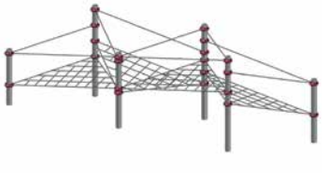
Terrano.1726

95.171.726

	(m)	7,7 x 1,7 x 2,4
	('-")	5-8 x 25-4 x 7-10
	EN 1176 (m)	10,7 x 4,9
	ASTM/CSA(m)	11,4 x 5,4
	ASTM/CSA ('-")	37-4 x 17-8
	(m)	1,7
	('-")	5-7
		5

The shakiness of two-dimensional nets and ropes promotes the development of psychomotor skills. But in the first place it ensures a fun time and helps making friends along the way.





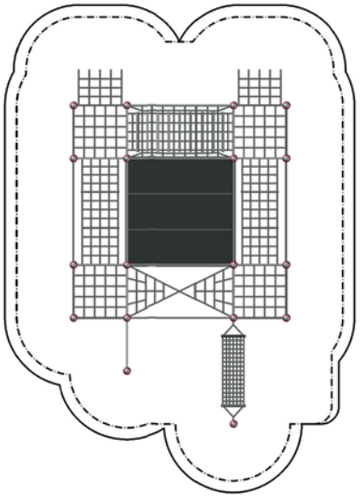
Terrano.1970

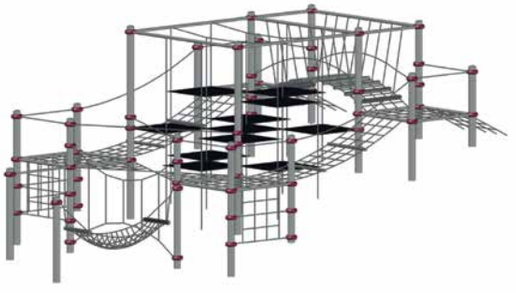
95.171.970

	(m)	7,3 x 10,6 x 3,2
	('-")	20-5 x 45-3 x 10-6
	EN 1176 (m)	9,2 x 13,1
	ASTM/CSA(m)	13,8 x 9,9
	ASTM/CSA ('-")	32-5 x 45-3
	(m)	1,8
	('-")	5-11
		5

Like the world's best outdoor gym this composite structure is going to ensure an unparalleled workout. Vertical and horizontal nets, rubber steps, chin-up bars, balancing components and many other special features will improve strength, agility and stamina. And if that's still not enough, the built-in slope will take care of the rest. At this school, obesity stood a chance.

Copenhagen, Denmark

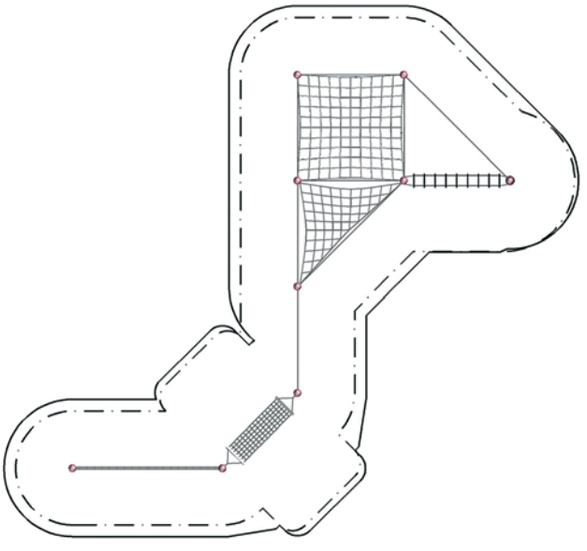


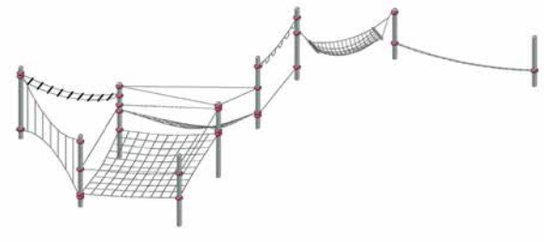


Terrano.2477

95.172.477

	(m)	11,4 x 12,6 x 2,4
	('-")	41-4 x 37-3 x 7-11
	EN 1176 (m)	15,6 x 14,4
	ASTM/CSA(m)	16,3 x 15,0
	ASTM/CSA ('-")	53-4 x 49-3
	(m)	2,00
	('-")	6-7
		5





New

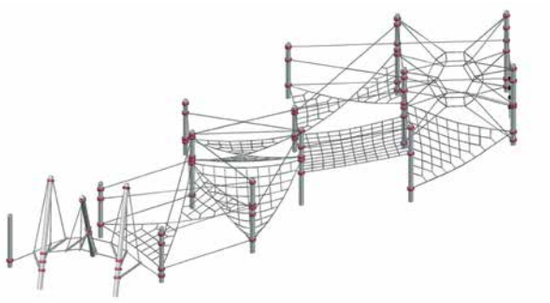
New **School Ground** in Sydhaven

In Copenhagen's modern Sydhaven district, under the project management of the Copenhagen-based architecture company, JJW Architekter, new school grounds were built onan area of over 10,000 m^2 - Sydhavensskolen.

Now the school is the new flagship in the area. The inside of the school is set out like a diverse town in which the different rooms can be perceived as being a town-typical mix of houses, workshops, shops, streets and places. The whole building is arranged in tiers on five levels. Each level has its own spacious area outside which can be accessed using spacious steps outside the building. The landscape architecture company, PK3, was commissioned for the design of the outside area.

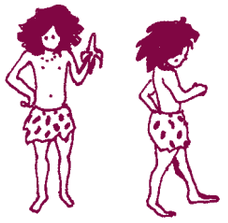
The different play facilities and the climbing apparatus on the individual levels are the core element of the areas outside. The common design language enables the individual play areas to be unified. The partner for the planning and implementation was Berliner Seilfabrik.

The architects decided on combinations for the "Terranos Netscapes". On levels 0, 1 and 2, playgrounds were created on areas of space measuring 60m^2 to 160m^2, which challenge pupils close to the ground or up to a height of almost 3 metres.



The mix of straight and bevelled posts gives the unit on level 2 a dynamic look and, thus, revives the urban motto of the construction project.

For the play equipment on the school grounds, 63 posts were built. The ground of the Sydhaven project required a special installation, since it forms both the roof of the classrooms and the corridors. Therefore, it was not possible to use thick concrete blocks. This referred back to a special customer-oriented anchoring process. The posts were wielded onto large steel plates and strengthened with gussets. These plates are firmly fixed on to the concrete surface with the help of shear connectors and thread bolts. The bolts and plates are coated using coloured EPDM fall protection material.

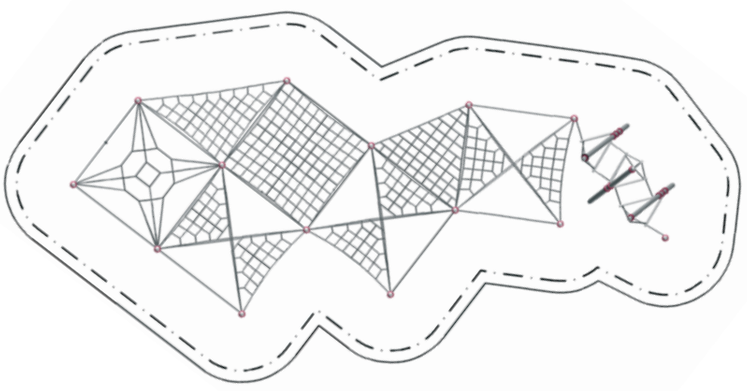


The colour concept of all play and sports equipment is captivating thanks to its consistency and clarity. All posts are coated in a matt white. All steel posts are powder-coated in the zinc-epoxy-polyester process and have an exterior diameter of 133m. The ropes between them come in a natural beige colour. In its artistic composition, the play equipment conveys a feeling of freedom all at once. Freedom to choose your own path. Whether that be for playing, at school or in life.

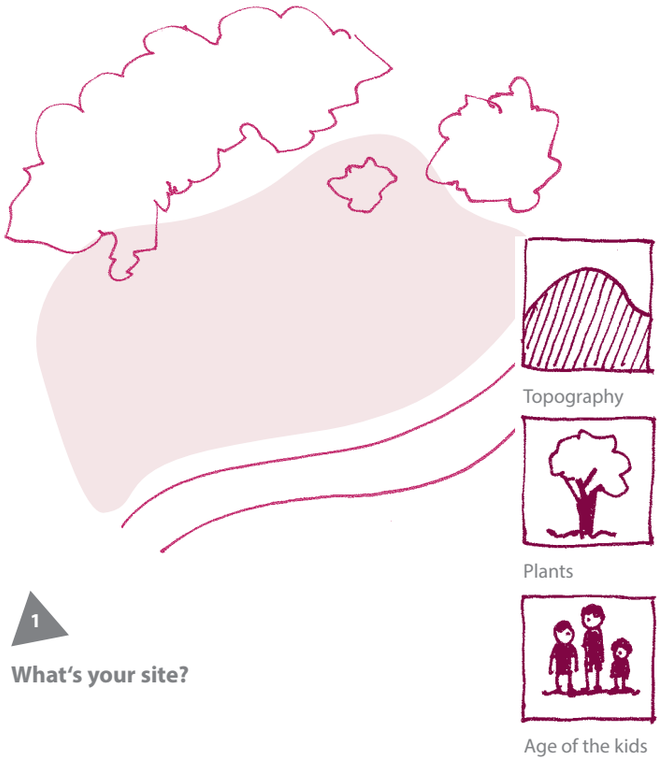
Terrano.1935

95.171.935

	(m)	**14,5 x 11,1 x 2,5**
	('-")	**36-3 x 47-4 x 8-3**
	EN 1176 (m)	**14,1 x 17,5**
	ASTM/CSA(m)	**14,7 x 18,1**
	ASTM/CSA ('-")	**48-3 x 59-4**
	(m)	**1,50**
	('-")	**5-0**
		5

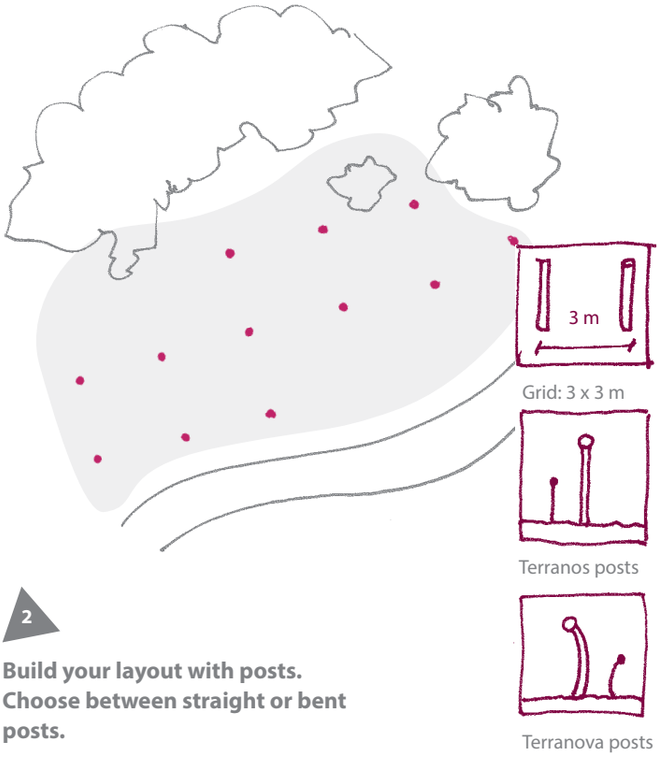


Design Your Own
Terranos & Terranova Structure



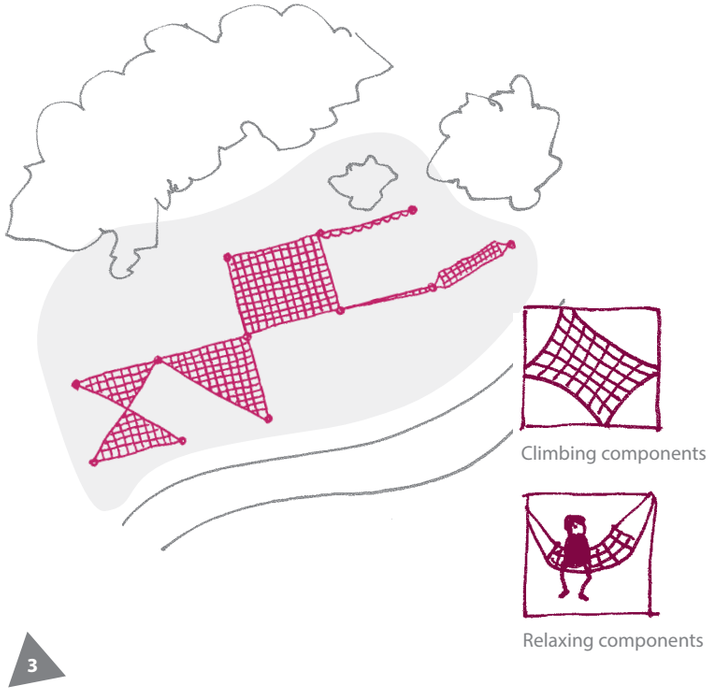
1

What's your site?



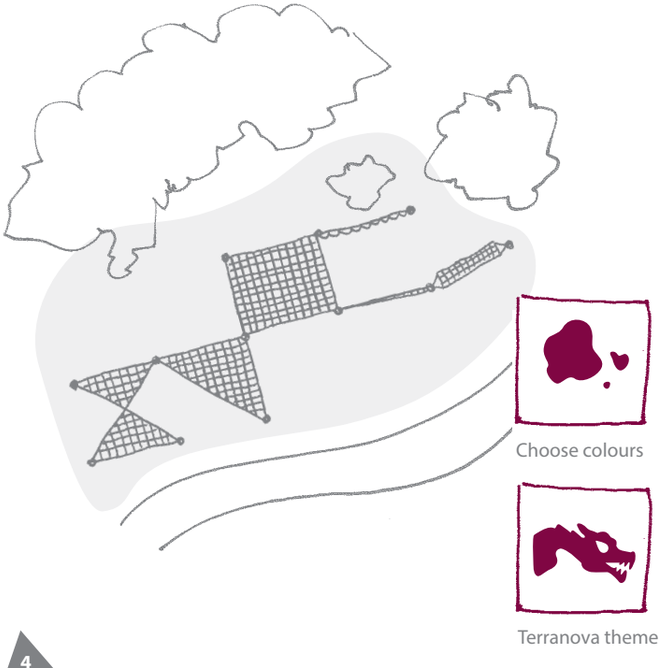
2

Build your layout with posts. Choose between straight or bent posts.



3

Add net components.
For a full selection see pages 158 to 160.



4

Choose your custom colours or go for a Terranova theme.

Basic Components

The straight posts emphasize Terranos' classic-cool look. The zinc-epoxy-polyester powder-coated steel posts with an outer diameter of 133mm ensure longevity in any climate. Four different post tops are available. The nets are of course the essential component of a real netscape. There is a multiplicity of different net forms available that can be integrated into the Terranos system. More accessories can be selected from a wide choice of bridges, hammocks, climbing ropes, rubber elements etc. The Terranos clamp is the most important technical element of our netscapes. The special design ensures structural integrity while its height adjustability helps customization and accessibility. The Frox rope-connection-system makes sure it's a secure play environment for users' hands.

The organically curved steel posts of Terranova, with their innovative, hand-flattering surface textures, offer a secure hold for the ChroX connector. The height-adjustable stainless steel-aluminium construction facilitates proper installation and increases durability even further.

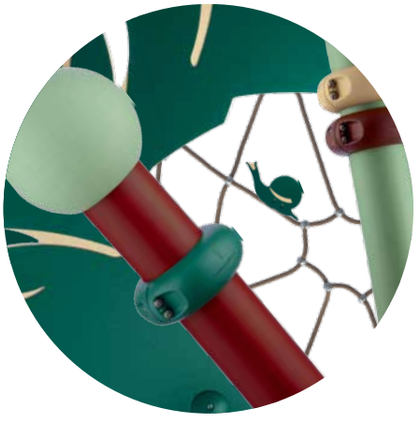
Terranova - Themes

Terranova is fire: Terranova combines the warm appearance of materials such as rope and HDPE with innovative surface textures that feel pleasant to the touch, thereby giving added value to a structure's durable steel and aluminium components.

Terranova is water: nets constructed of 18mm diameter rope form wavy landscapes and are anchored by the newly developed Chrox-terminal, which means installing rope nets on location becomes child's play.

Terranova is earth: Terranova integrates the organic appearance of the curved posts with carefully designed climbing plates finished in subtle natural tones.

Terranova is air: aerial themes are gracefully and elegantly cited. Depending on a client's wishes, they can either be embedded in the surroundings or stick out from them.



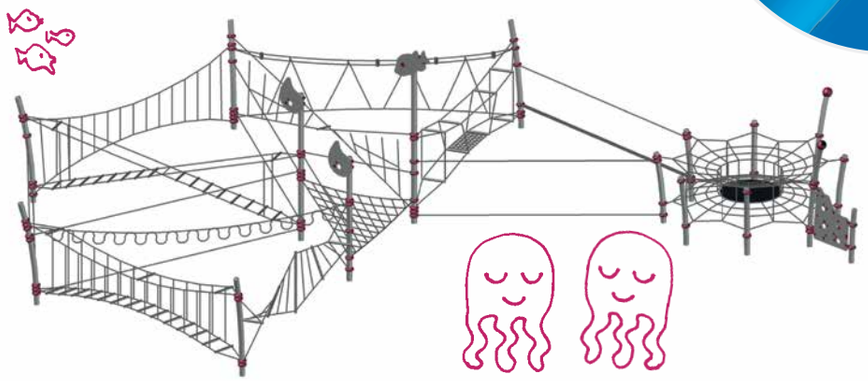
Terranova.3

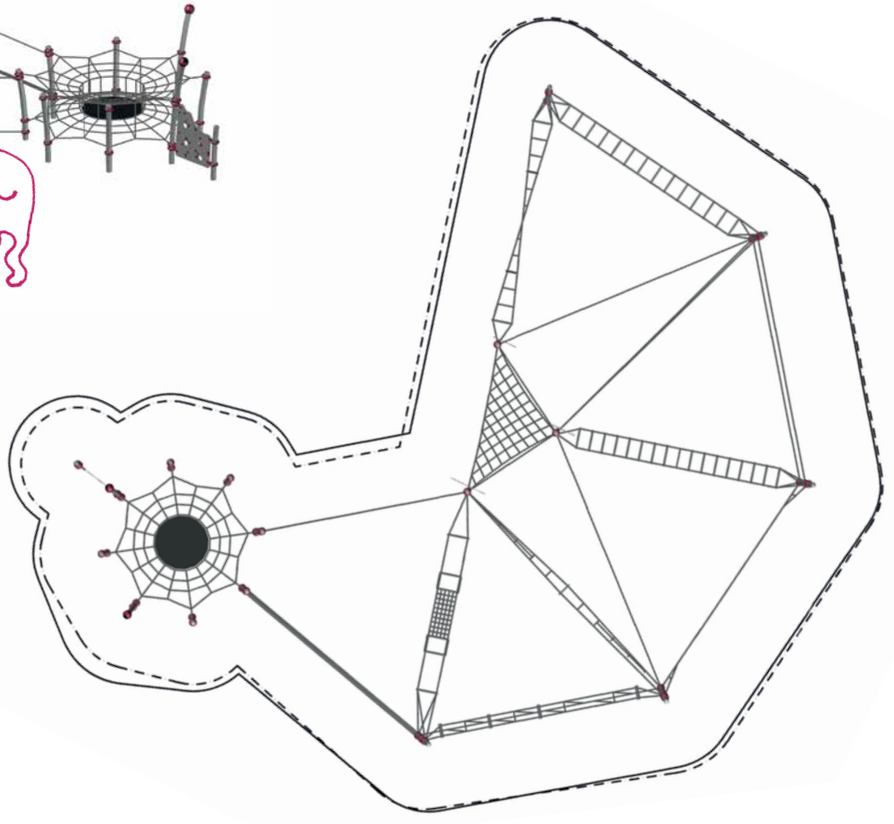
96.180.003

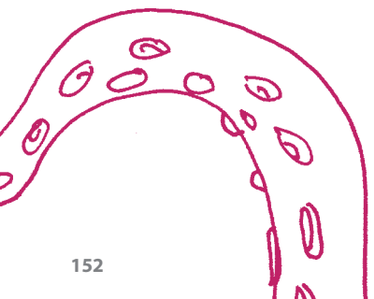
	(m)	19,3 x 18,8 x 5,0
	('-")	63-1 x 61-8 x 16-4
	EN 1176 (m)	22,6 x 22,1
	ASTM/CSA(m)	22,6 x 22,1
	ASTM/CSA ('-")	73-8 x 75-1
	(m)	2,20
	('-")	7-3
		5

Like ocean's mighty waves, this extensive water-themed Terranova combination invites young surfers to embrace the challenge. The sway bridge, the inverted ladder and the crossed stairway, to name just a few, all offer diverse difficulty levels, ensuring fulfilled play regardless of the ability.

Rainbow Beach, Australia





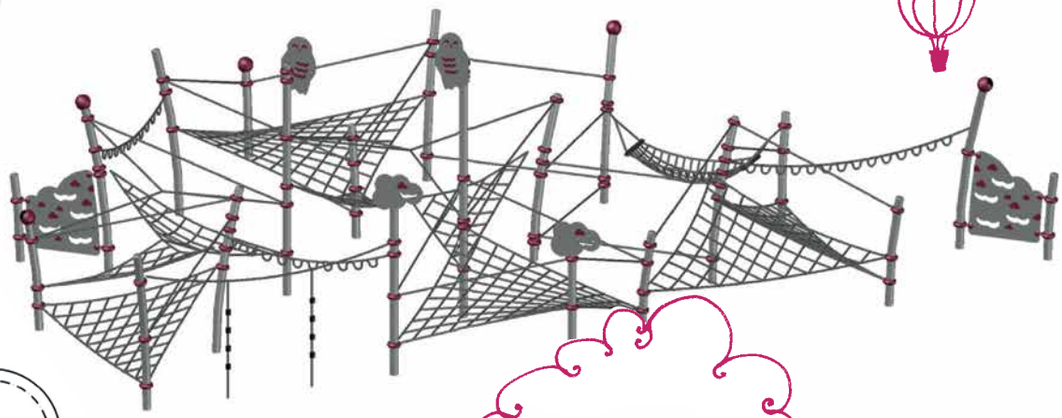


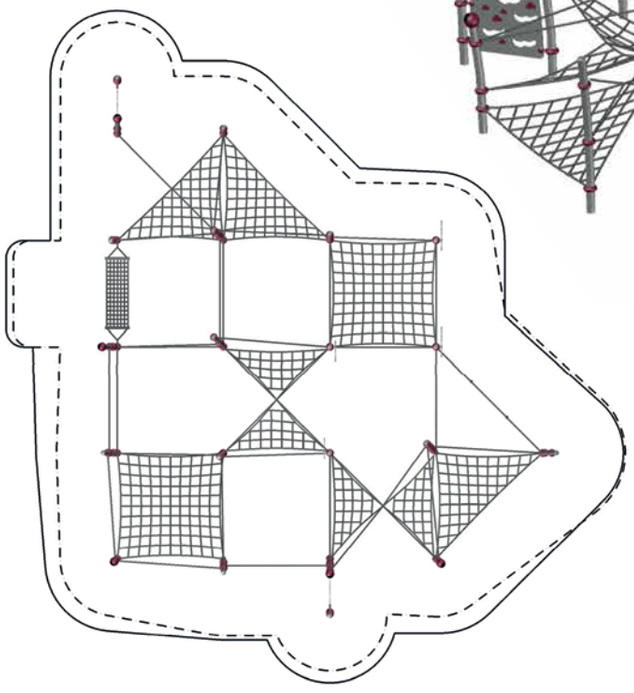
Terranova.2

96.180.002

	(m)	15,4 x 13,1 x 5,0
	('-")	50-5 x 42-9 x 16-4
	EN 1176 (m)	18,4 x 17,2
	ASTM/CSA(m)	19,1 x 17,5
	ASTM/CSA ('-")	62-5 x 57-3
	(m)	2,60
	('-")	8-7
		5

Planar nets arranged at an angle are great for climbing as well as socializing. Vertical climbing ropes and hand-over-hand components satisfy those seeking more of a challenge. Terranova.2's light and elegant design is reinforced by the air theme.



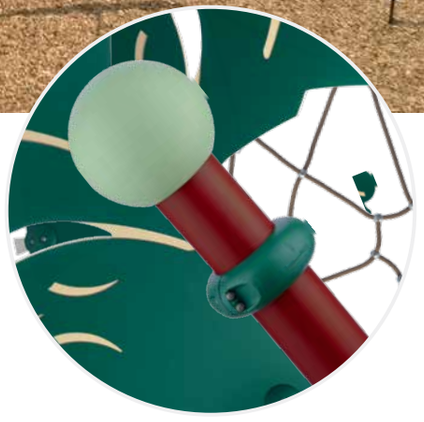


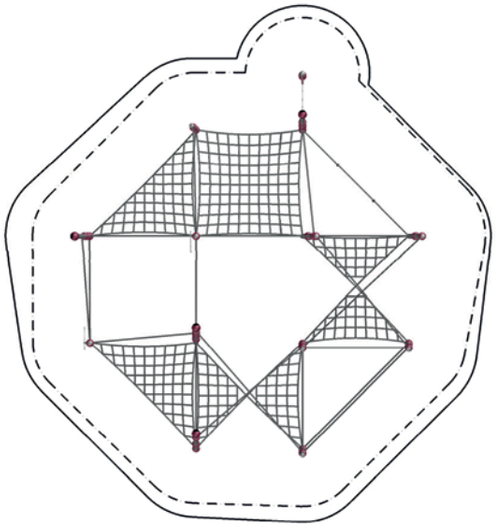
Terranova.4

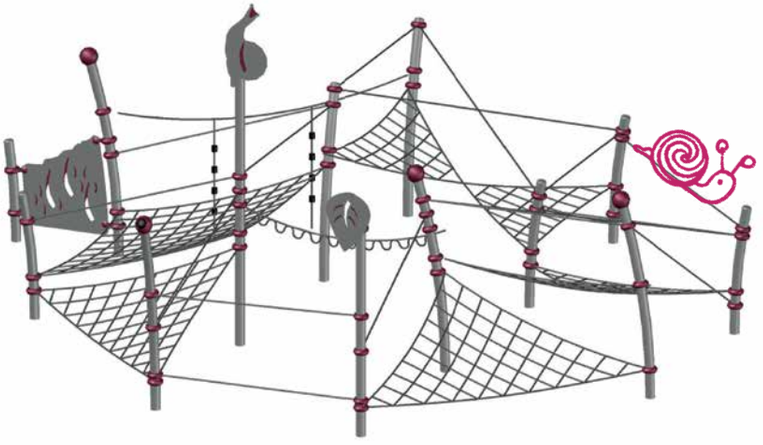
96.180.004

	(m)	11,0 x 10,1 x 5,0
	('-")	35-11 x 33-0 x 16-4
	EN 1176 (m)	13,8 x 12,8
	ASTM/CSA(m)	14,6 x 13,8
	ASTM/CSA ('-")	47-11 x 45-0
	(m)	2,0
	('-")	6-7
		5

Terranova's close to the ground play events physically challenge their users in unexpected ways. The four elements, on the other hand, aim to strike at the heart and the mind for the most fulfilled play experience.







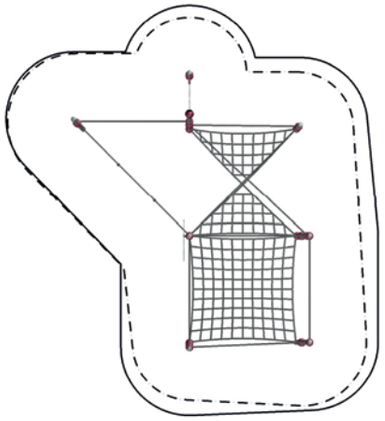
Terranova.6

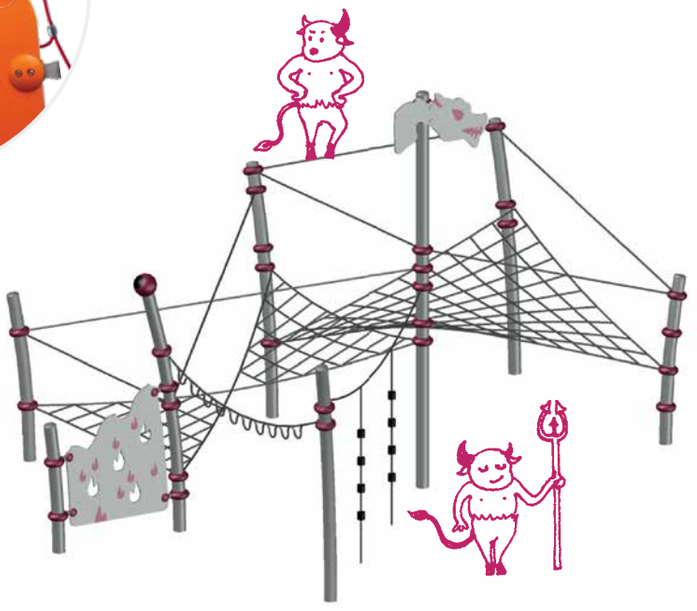
96.180.006

(m)	8,0 x 6,9 x 5,0
('-")	26-1 x 22-6 x 16-4
EN 1176 (m)	11,0 x 10,1
ASTM/CSA(m)	11,6 x 10,6
ASTM/CSA ('-")	38-1 x 34-6
(m)	2,0
('-")	6-7
	5

Supervision has never been easier. Lacking visual barriers, Terranova.6 emphasizes safety in a fun play environment

Rainbow Beach, Australia



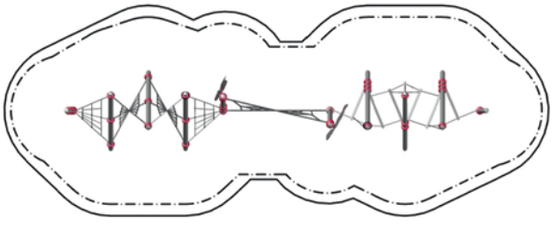


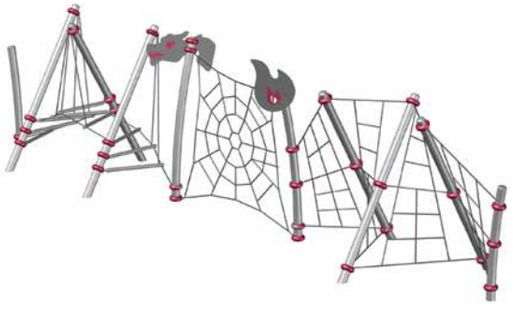
Terranova.14

96.180.014

	(m)	12,0 x 2,3 x 3,1
	('-")	39-4 x 7-6 x 10-1
	EN 1176 (m)	15,0 x 5,3
	ASTM/CSA(m)	15,4 x 6,0
	ASTM/CSA ('-")	50-5 x 19-6
	(m)	1,95
	('-")	6-5
		5

A balance and agility challenge awaits those who dare to accept it. Sculpura's slanted posts make Terranova.14 a twist to remember.



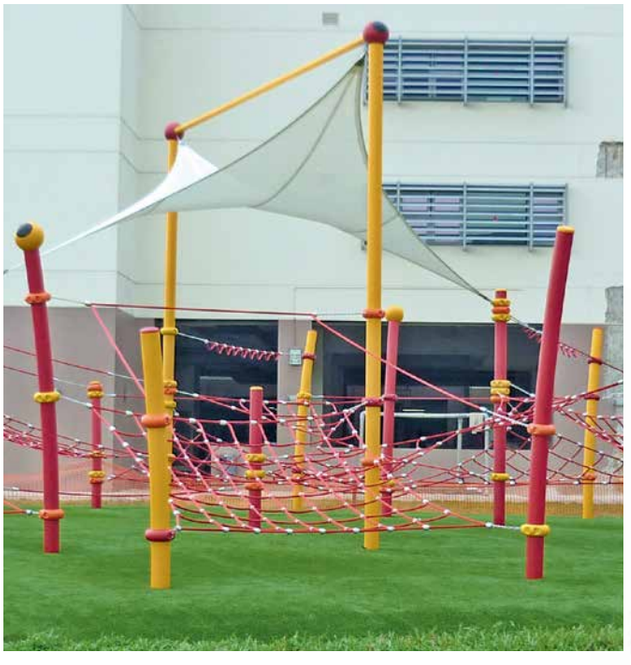


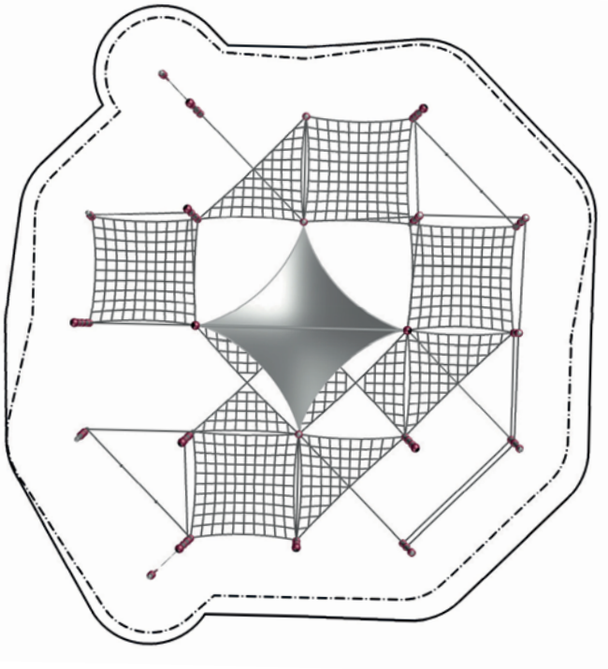
Terranova.9

96.180.009

	(m)	13,0 x 14,4 x 5,0
	('-")	42-8 x 47-4 x 16-2
	EN 1176 (m)	17,4 x 16,4
	ASTM/CSA(m)	18,1 x 16,7
	ASTM/CSA ('-")	59-3 x 54-7
	(m)	2,6
	('-")	8-7
		5

The incorporation of shade into the design without destroying its lightness and grace is just one of Terranova's specialties. No need to leave the playground to find a cool spot after a fun workout on overhead components, inclined nets and balancing courses.





Berlin, Germany

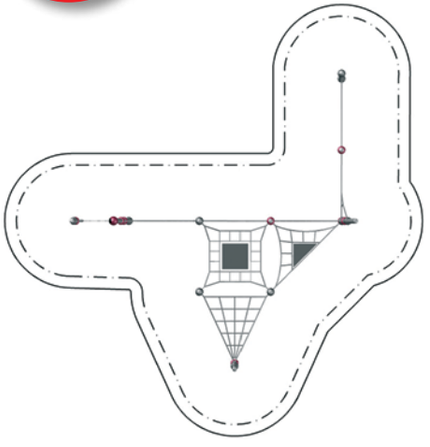
New

Terranova.104

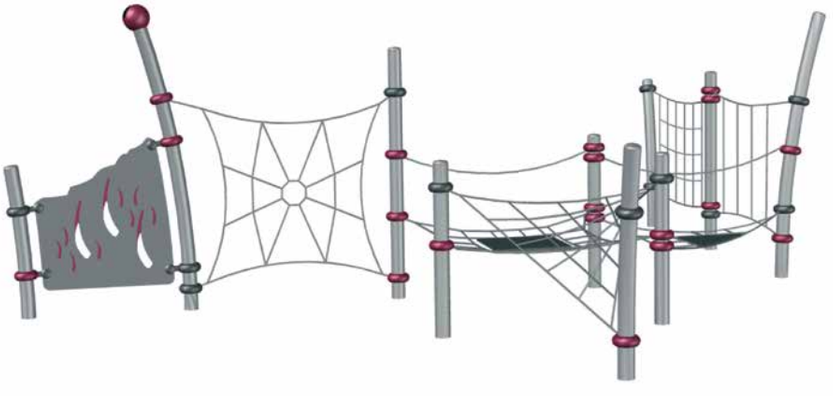
96.180.104

	(m)	8,6 x 8,2 x 2,9
	('-")	28-0 x 26-9 x 9-6
	EN 1176 (m)	11,6 x 11,2
	ASTM/CSA(m)	12,2 x 11,8
	ASTM/CSA ('-")	40-0 x 38-9
	(m)	1,23
	('-")	4-1
		3

This apparatus incorporates and interconnects low-level climbing elements. Conceived for nursery children, it's already proving a hit in the small children's section of one of Berlin's largest playgrounds (> Berlin.08, page 224).



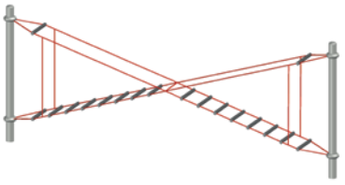
In the background: products from our Greenville range
> *Page 23*



Add-on components for Terranos & Terranova

Beautiful landscapes need not be monotonous, but can be places for activity - climbing, swinging and letting off steam. And after all that effort, what could be better than to lie back in a hammock and let your legs and soul dangle freely? Such varied net landscapes can be created from components of the versatile Terranos range. Low-level rope course elements can be supplied in standard 4.2 and 6 metre lengths. The prices quoted in the price list are for climbing elements only, without posts.

Components for Low Ropes Courses

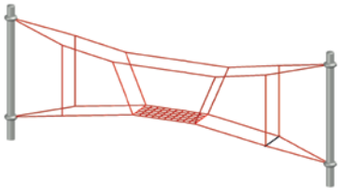


Crossed stairway

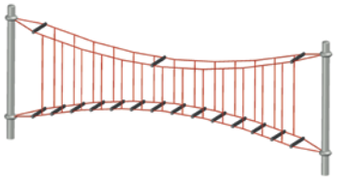
Crossed flubber

Air walk

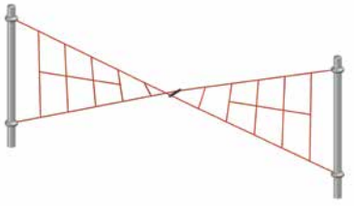
Layaway walk



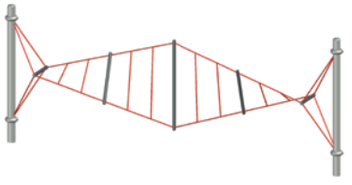
Floating net



Sway bridge

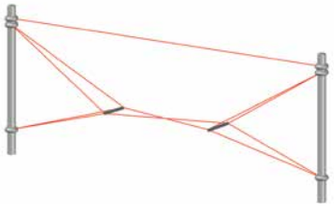


Net helix



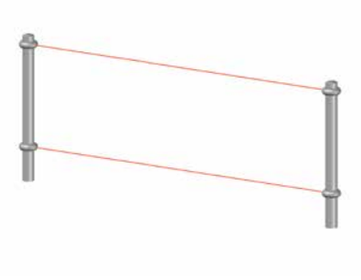
Inverted ladder

Panelled bridge

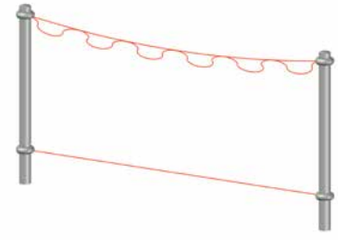


Rope sweep

Balance and Layaway

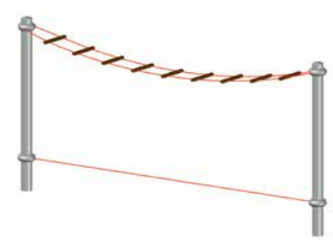


Balancing cable with handrail



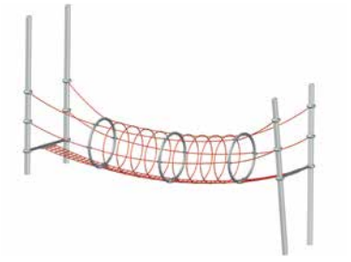
Hand-over-hand loop rope with balancing cable

Hand-over-hand loop rope

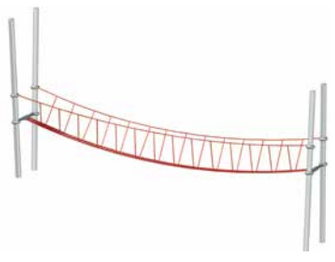


Hand-over-hand ladder with balancing cable

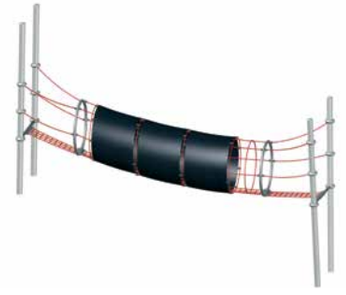
Tunnel and Bridges



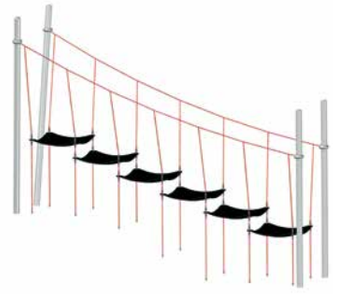
Liana tunnel



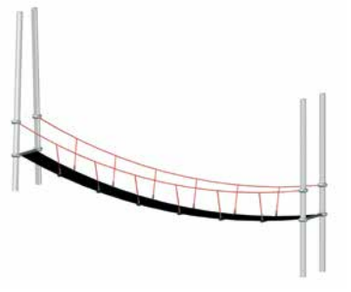
Liana bridge



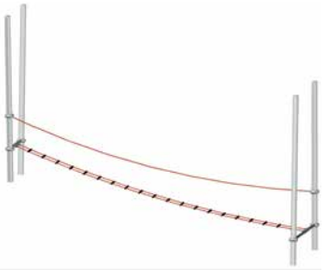
Rubber tube



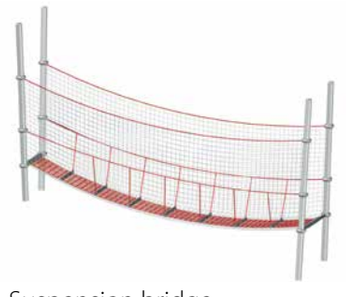
Chessboard bridge



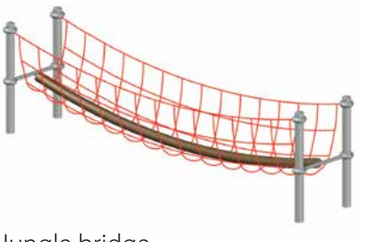
Rubber bridge



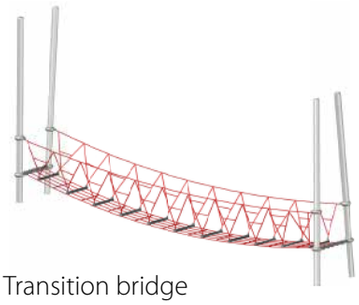
Rung bridge



Suspension bridge
with safety net

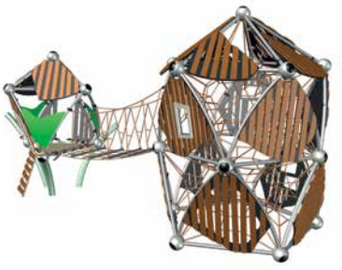


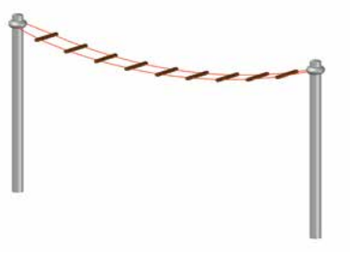
Jungle bridge



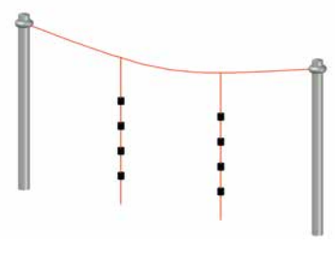
Transition bridge

Our bridges and tunnels are also available as connecting elements for our Greenville product range
> ***Page 52***

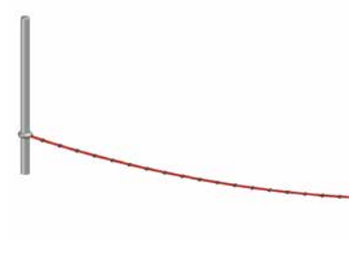




Hand-over-hand ladder

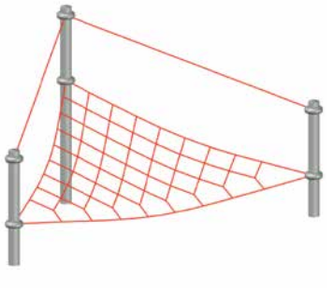


Climbing rope

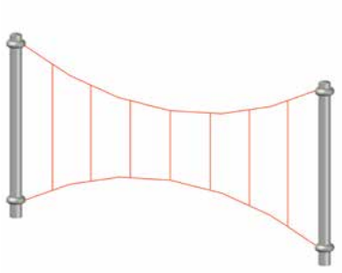


Slackline

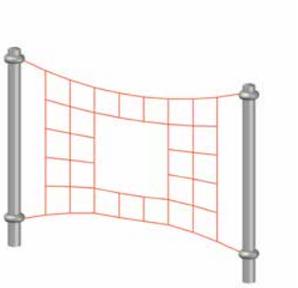
Planar Nets



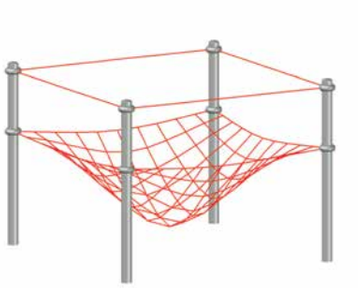
Triangular net with handrail



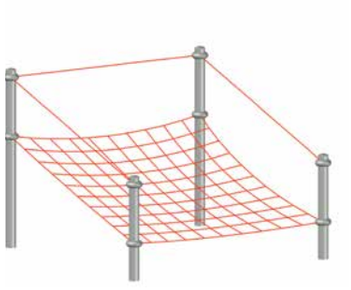
Harp net



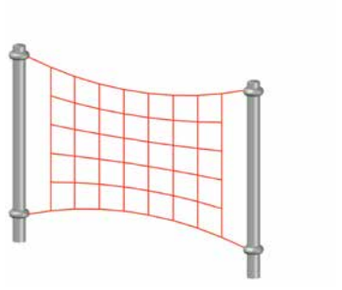
Net passage



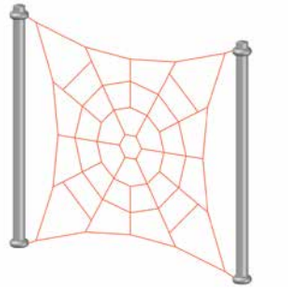
Net sack



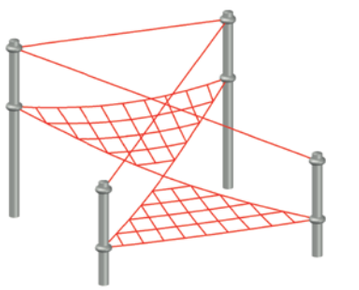
Quad-net (horizontal) with handrail



Quad-net (vertical)

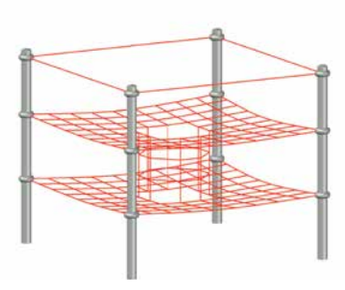


Spider's web



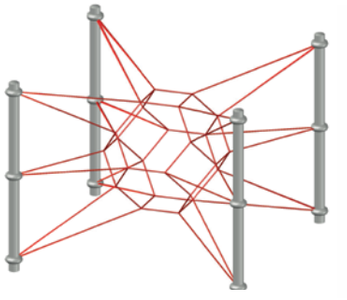
Folded net with handrail

More Elements



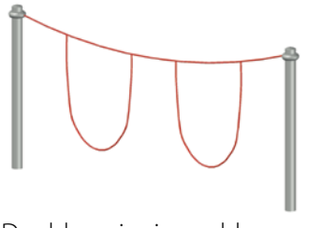
Double net funnel

Hammock



Space cell

Slide



Double swinging cable (single version available)

A variety of nets and rope handrails are available to act as supports and increase safety.


NAURU ISLANDS
58

URBAN DESIGN
BERLIN

URBAN DESIGN BERLIN

Playground equipment as people know it was designed to look familiar. With URBAN DESIGN BERLIN, we chose another route as the design of our products uses colour and form in a non-representational way. The URBAN DESIGN BERLIN playopints do not depict objects in the natural world, but they depict real forms in a simplified and rather reduced way – keeping only an allusion of the original natural subject. And this is why they are called Spirelli, Dome and Orbit. This is extraordinary, stylish play equipment. This is equipment that goes beyond designated play areas.


URBAN DESIGN
BERLIN

Urban Design Berlin
Playpoints

Playpoints with style
They are climbers or rockers or twisters. They are Playpoints, first and foremost. But they are also very nice pieces of public design. And they are sculptural. Above all this, some people will will not even know at first glance exactly what they are. The fun will be discovered.
Just looking at them makes one think "wow !". Who said that children's games must happen on so called "playgrounds" only?

Once and for all
All URBAN DESIGN BERLIN Playpoints are high-end engineered units made from high-quality materials like stainless steel with a brushed finish, powder coated recycled aluminium connectors, high density polyethylene (HDPE) panels and ITR-bearings for maximum safety and durability. All products conform to EN 1176 and are TÜVcertified. Moreover, other major international safety standards such as ASTM F1487 and CSA Z614 have been adhered to and guarantee maximum safety. URBAN DESIGN BERLIN Playpoints require only a minimum of maintenance and involve virtually no follow-up costs. Thanks to its robust construction, the equipment is extremely durable. Therefore, we guarantee our products for up to ten years. Refer to our terms and conditions for further details.

You and us
Our professional sales and design team can guide you through every phase of an urban design project.
We assist with the design of your play project incorporating your ideas and plans with optimal safety and maximum play value.

The seating and standing elements in the playpoints range are available in a range of colours. Please contact us.

Disk

90.260.301

	(m)	1,9 x 1,9 x 0,8
	(‘-‘‘)	6-1 x 6-0 x 2-6
	EN 1176 (m)	7,9 x 7,9
	ASTM/CSA(m)	5,5 x 5,5
	ASTM/CSA (‘-‘‘)	18-1 x 18-1
	(m)	0,8
	(‘-‘‘)	2-6
		5

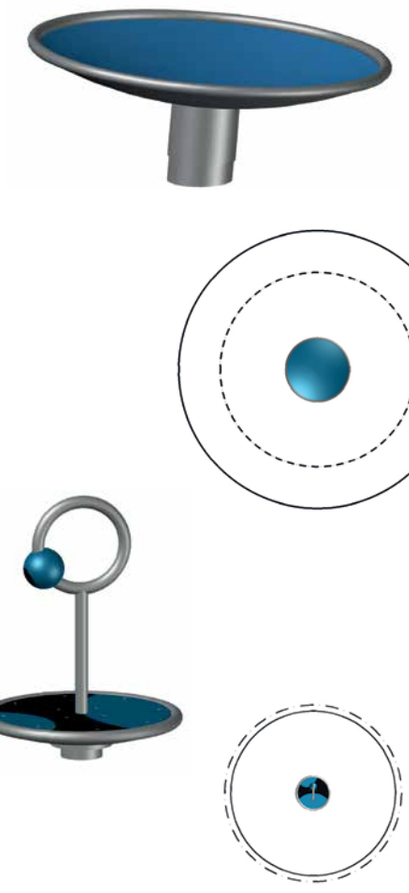
The tilted orientation creates an up-and-down motion as the child spins around helping them learn how to control their movements to sustain the spinning action.

Fireball.2.1

90.260.3071

	(m)	1,0 x 1,0 x 1,3
	(‘-‘‘)	3-3 x 3-3 x 4-3
	EN 1176 (m)	5,0 x 5,0
	ASTM/CSA(m)	4,7 x 4,7
	ASTM/CSA (‘-‘‘)	15-3 x 15-3
	(m)	0,86
	(‘-‘‘)	2-10
		5

The Fireball is the best place in town for those who love to get dizzy occasionally. The rotation axis is inclined at 2°. Move your body to and around the axis and you will feel what gravity is. The Fireball is absolutely strong enough for two or more users to take a spin.

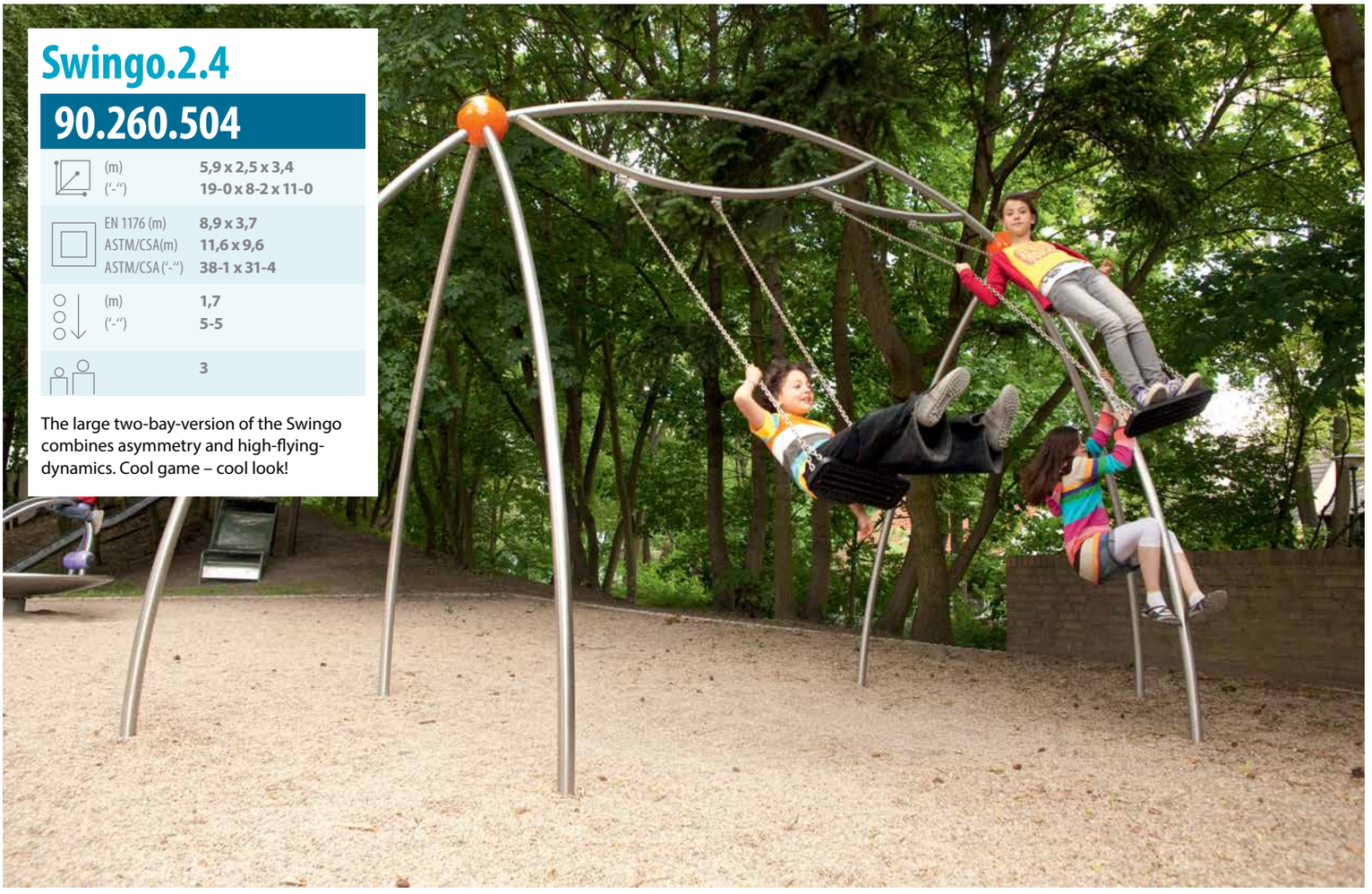


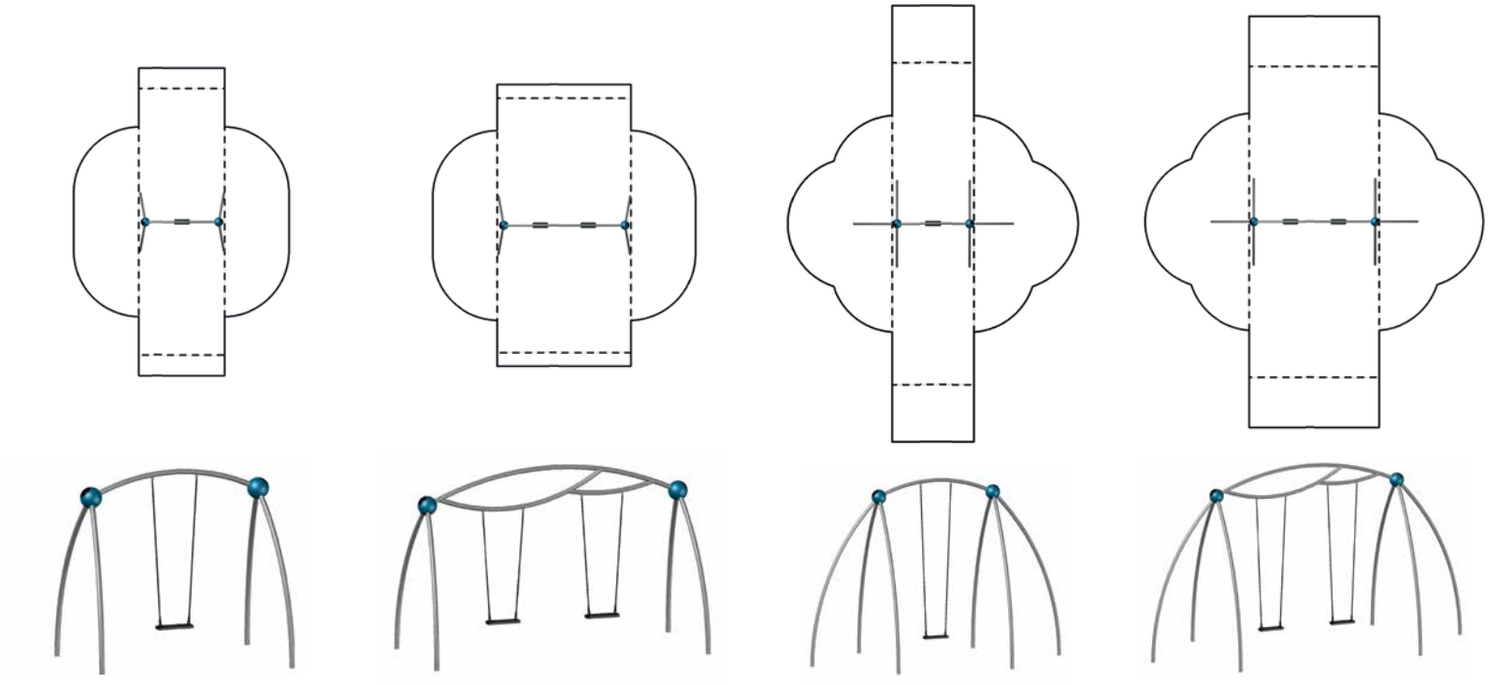
Swingo.2.4

90.260.504

	(m)	5,9 x 2,5 x 3,4
	('-")	19-0 x 8-2 x 11-0
	EN 1176 (m)	8,9 x 3,7
	ASTM/CSA(m)	11,6 x 9,6
	ASTM/CSA ('-")	38-1 x 31-4
	(m)	1,7
	('-")	5-5
		3

The large two-bay-version of the Swingo combines asymmetry and high-flying-dynamics. Cool game – cool look!





Swingo.2.1
90.260.501

Swingo.2.2
90.260.502

Swingo.2.3
90.260.503

Swingo.2.4
90.260.504

Double Swingo.2.2

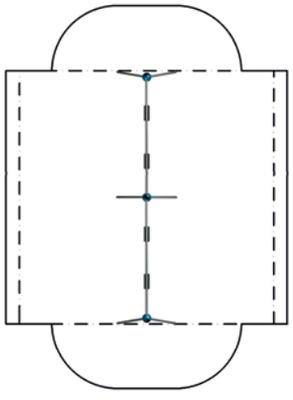
90.340.049

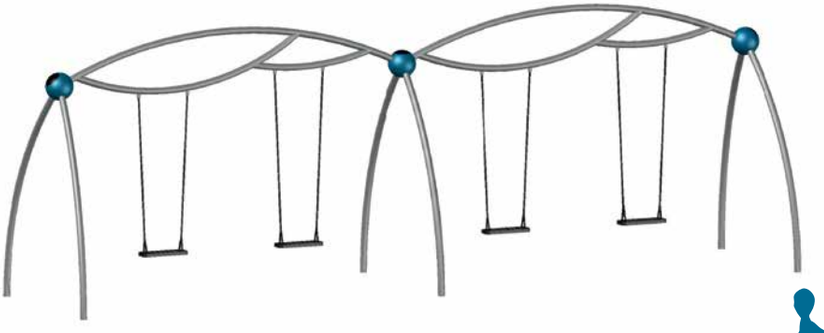
	(m)	1,8 x 7,2 x 2,5
	('-'')	23-7 x 5-8 x 8-0
	EN 1176 (m)	7,2 x 7,2
	ASTM/CSA(m)	8,0 x 10,9
	ASTM/CSA ('-'')	26-1 x 35-7
	(m)	1,30
	('-'')	6-7
		5

The two-bay-version of the smaller Swingos is asymmetrical. That looks cool and it doesn't keep the two users from going to and fro in harmony.

New

A variety of seats available





Picadilly Circle.2.1

90.260.302

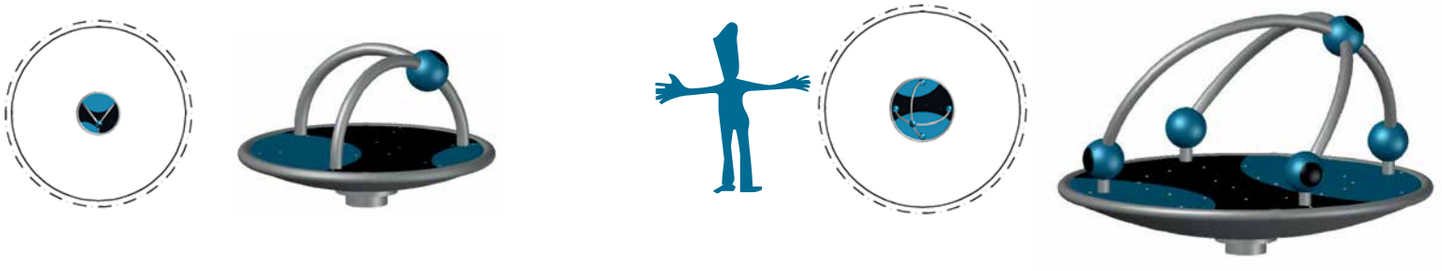
	(m)	1,9 x 1,9 x 1,3
	('-")	6-1 x 6-1 x 4-0
	EN 1176 (m)	5,9 x 5,9
	ASTM/CSA(m)	5,5 x 5,5
	ASTM/CSA ('-")	18-1 x 18-1
	(m)	0,6
	('-")	2-0
		3

A ride on the Picadilly Circle is a great expe-rience, as the speed of spinning depends on how the players work toge-ther – every ride is a unique adventure. Hop aboard, hold on tight, and be ready for a spin.

Little Big Ben.2.1

90.260.303

	(m)	1,3 x 1,3 x 0,8
	('-")	4-1 x 4-1 x 2-6
	EN 1176 (m)	5,3 x 5,3
	ASTM/CSA(m)	4,9 x 4,9
	ASTM/CSA ('-")	16-1 x 16-1
	(m)	0,8
	('-")	2-6
		3

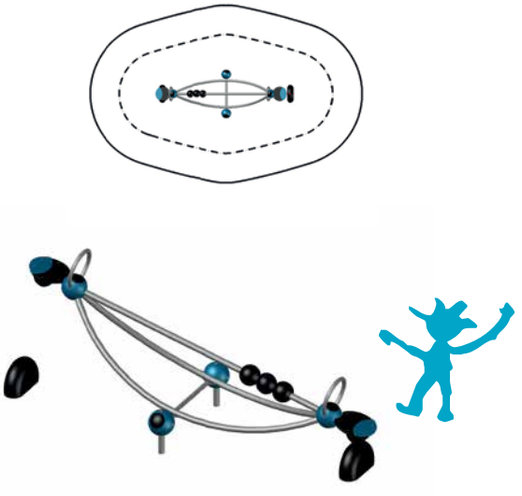


Abakus.2.1

90.260.801

	(m)	4,0 x 1,4 x 1,6
	('-")	13-4 x 4-6 x 5-3
	EN 1176 (m)	3,4 x 6,0
	ASTM/CSA(m)	5,1 x 7,7
	ASTM/CSA ('-")	16-6 x 25-2
	(m)	1,49
	('-")	5-1
		5

Children get wings with the Abakus. The stylish organic design and the use of stain-less steel gives identity to a teeter-totter. Another impressive feature is three reloca-table balls for balancing different weights.

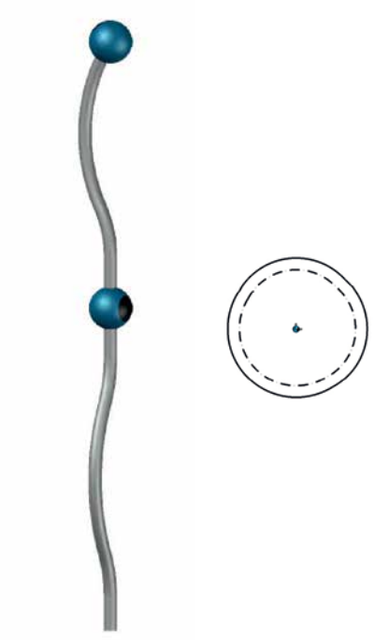


Spirelli.01

90.260.401

	(m)	0,3 x 0,3 x 2,9
	('-")	1-0 x 1-0 x 9-6
	EN 1176 (m)	3,3 x 3,3
	ASTM/CSA(m)	4,0 x 4,0
	ASTM/CSA ('-")	13-0 x 13-0
	(m)	1,4
	('-")	4-7
		5

This sculptural looking noodle is a climbing pole if you want it to be. Almost like a piece of art to play with. Who said that a climbing pole must be straight?

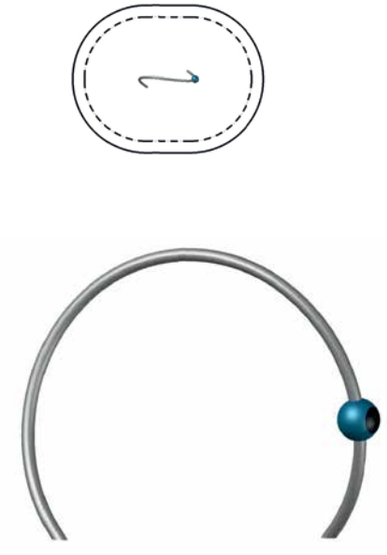


Spirelli.02

90.260.402

	(m)	1,8 x 0,5 x 1,4
	('-")	5-8 x 1-7 x 4-6
	EN 1176 (m)	4,8 x 3,5
	ASTM/CSA(m)	5,4 x 4,2
	ASTM/CSA ('-")	17-8 x 13-7
	(m)	1,4
	('-")	4-6
		5

A noodle as climbing and exercise equipment. A curvy, stainless steel frame with an aluminium ball makes a chin-up bar look special.

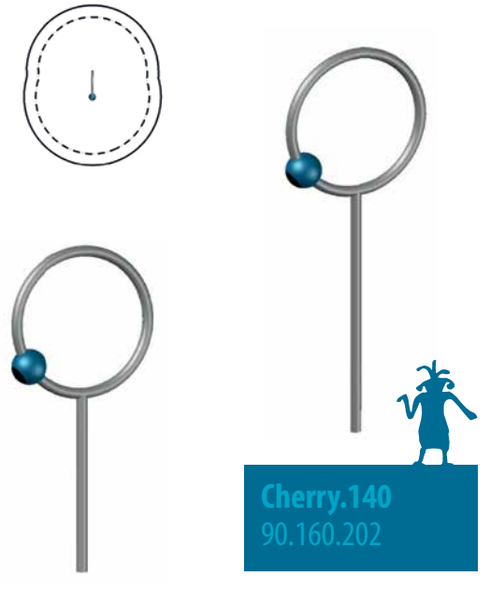


Cherry.100

90.160.201

	(m)	0,9 x 0,2 x 1,9
	('-")	2-10 x 0-8 x 6-1
	EN 1176 (m)	3,9 x 3,2
	ASTM/CSA(m)	4,6 x 3,9
	ASTM/CSA ('-")	14-10 x 12-8
	(m)	1
	('-")	4-4
		3

The Cherry.100 is a neat little climbing element that rewards you with some relaxing feet dangling in the upper ring. It is a challenge, especially for smaller kids as the climb is only 1 metre high.



Cherry.140
90.160.202

Eddie.01

90.260.101

	(m)	0,5 x 0,5 x 1,5
	('-'')	1-8 x 1-8 x 5-0
	EN 1176 (m)	3,5 x 3,5
	ASTM/CSA(m)	4,2 x 4,2
	ASTM/CSA ('-'')	13-8 x 13-8
	(m)	0,4
	('-'')	1-2
		3

The Eddie.01 stands up straight for small and big kids who love to go for a spin. With a body and a stem made out of stainless steel, it is weatherproof and looks stylish. The HDPE-platform, with its second colour inlays plus the matching top ball make it look cool. Fun, style and coolness, all rolled into one Playpoint!

Eddie.02
90.260.102

Eddie.04

90.260.104

	(m)	0,5 x 0,5 x 0,9
	('-'')	1-8 x 1-8 x 3-0
	EN 1176 (m)	3,5 x 3,5
	ASTM/CSA(m)	4,2 x 4,2
	ASTM/CSA ('-'')	13-8 x 13-8
	(m)	0,4
	('-'')	1-2
		3

The Eddie.04 is another shorty, but it stands slanted and its stainless steel stem is curved. Very stylish! It offers a nice little spin for the youngsters.

Eddie.03
90.260.103

Cat Tail.01

90.260.201

	(m)	0,7 x 0,4 x 2,5
	('-'')	2-4 x 1-1 x 8-3
	EN 1176 (m)	3,6 x 3,6
	ASTM/CSA(m)	4,7 x 4,5
	ASTM/CSA ('-'')	15-5 x 14-10
	(m)	0,4
	('-'')	1-4
		5

The full-size Cat Tail.01 sways to and fro all the time… hey, it's a cat tail!
The Cat Tail has a body and a stem made out of stainless steel. The curved stem and the bi-colored HDPE-platform turns a piece of play equipment into an eye-catcher for all public places in town.

Needs no safety surface!

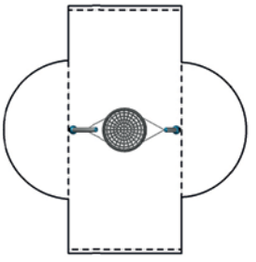
Cat Tail.02
90.260 202
Cat Tail.03
90.260.203

Bowl Swing

90.260.532

	(m)	1,3 x 3,2 x 2,8
	('-")	4-2 x 10-7 x 9-3
	EN 1176 (m)	6,7 x 3,2
	ASTM/CSA(m)	7,0 x 6,9
	ASTM/CSA ('-")	22-10 x 22-6
	(m)	1,70
	('-")	5-9
		3

Thanks to its low access height the Bowl Swing, just like the Cup Swing, is perfectly suited for toddlers or children with limited mobility.



Cup Swing
90.260.531

Face-to-Face Swing

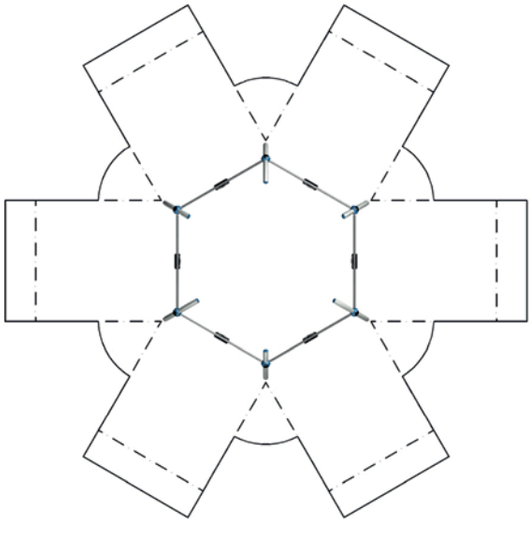
90.260.520

	(m)	5,8 x 6,7 x 3,0
	('-")	19-2 x 22-1 x 9-1
	EN 1176 (m)	13,0 x 13,0
	ASTM/CSA(m)	14,5 x 14,5
	ASTM/CSA ('-")	47-6 x 47-6
	(m)	1,42
	('-")	8-0
		5

Up to six people enjoy high-flying adventures at the same time on the Face-To-Face Swing. On the swing arranged to the form of a hexagon one can look at each other while swinging and the fun factor increases enormously. But who swings higher?

New

Also available with less seats.

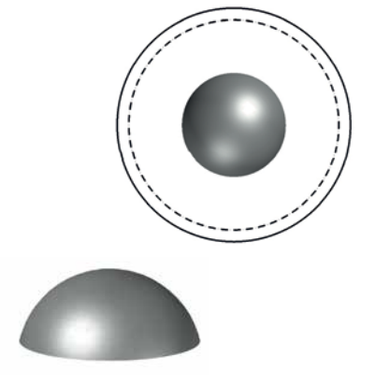


Dome.03

90.260.703

	(m)	2,8 x 2,8 x 1,0
	('-")	9-4 x 9-4 x 3-4
	EN 1176 (m)	5,8 x 5,8
	ASTM/CSA(m)	6,5 x 6,5
	ASTM/CSA ('-")	21-4 x 21-4
	(m)	1,00
	('-")	3-4
		5

The Dome.03 has a diameter of 3000 mm and is a veritable climbing and sliding mount for school age kids.



Dome.01
90.260.701
Dome.02
90.260.702
Dome.04
90.260.704

Orbit.01

90.160.210

	(m)	3,1 x 1,8 x 0,3
	('-")	10-0 x 5-10 x 0-10
	EN 1176 (m)	6,1 x 4,8
	ASTM/CSA(m)	6,7 x 5,5
	ASTM/CSA ('-")	22-0 x 17-11
	(m)	0,3
	('-")	0-10
		3

The Orbit.01 is a curvy balancing trail. Children love to balance and even adults will appreciate a quick balancing excercise.

Needs no safety surface!

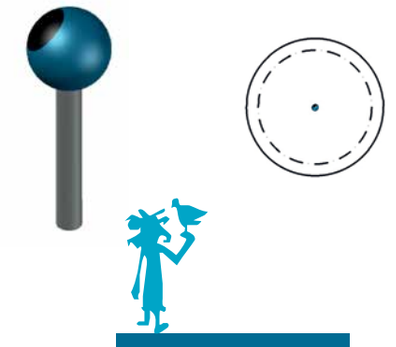
Orbit.02
90.160.212

Champignon.60

90.160.226

	(m)	0,2 x 0,2 x 0,6
	('-")	0-8 x 0-8 x 2-0
	EN 1176 (m)	3,2 x 3,2
	ASTM/CSA(m)	3,9 x 3,9
	ASTM/CSA ('-")	12-8 x 12-8
	(m)	0,6
	('-")	2-0
		3

Having a whole set with all the three sizes is a nice arrangement good for every place in the park.



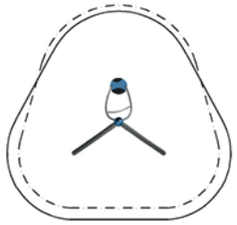
Champignon.40
90.160.224
Champignon.80
90.160.228

Monkey Jibe

90.261.100

	(m)	2,7 x 2,3 x 3,3
	('-")	8-9 x 7-5 x 10-8
	EN 1176 (m)	5,8 x 5,7
	ASTM/CSA(m)	6,3 x 5,9
	ASTM/CSA ('-")	20-8 x 19-5
	(m)	0,46
	('-")	1-6
		5

The name of this play equipment derives from a surf maneuver, the movement of which should be imitated with this equipment. It is not quite easy to keep one's balance!



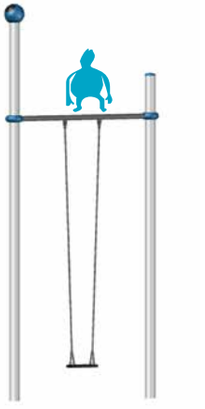
In the Backgrund: Cosmo
> *Page 80*

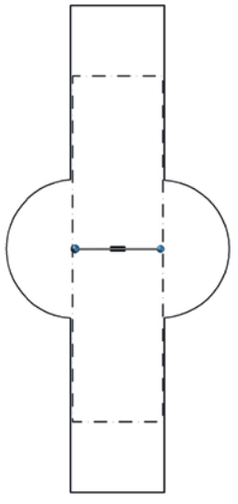
Sky Swing

90.260.510

	(m)	0,3 x 2,6 x 4,9
	('-")	0-10 x 8-8 x 16-2
	EN 1176 (m)	9,8 x 2,5
	ASTM/CSA(m)	13,7 x 6,3
	ASTM/CSA ('-")	45-1 x 20-8
	(m)	1,92
	('-")	11-4
		5

The sky's infinite expanse has always held a fascination for humans. And now it's possible for children to find out what it's really like to be up there. Users of the Sky Swing, although not quite literally soaring up into the heavens themselves, can reach really impressive heights nonetheless.



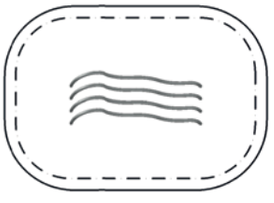


White Water.04

90.260.604

	(m)	3,8 x 1,6 x 2,3
	('-")	12-4 x 5-0x 7-6
	EN 1176 (m)	6,8 x 4,6
	ASTM/CSA(m)	7,5 x 5,2
	ASTM/CSA ('-")	24-4 x 7-0
	(m)	0,6
	('-")	2-0
		5

The White Water.04 is the sliding fun somewhere between Niagara Falls and your typical mountain stream. It is a raging rapid for more than one player.



White Water.03
90.260.603

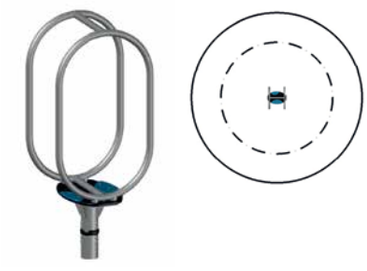
White Water.02
90.260.602

Number.0

90.261.000

	(m)	0,6 x 0,6 x 1,4
	('-'')	2-0 x 2-0 x 4-8
	EN 1176 (m)	3,2 x 3,2
	ASTM/CSA(m)	4,8 x 4,8
	ASTM/CSA ('-'')	15-9 x 15-9
	(m)	0,4*
	('-'')	1-2
		3

Our numbers are small, yet stylish rockers available in the shape of all the digits including a smart rocking mechanism that also withstands heavy rides.
* Free fall height of the Numbers may vary



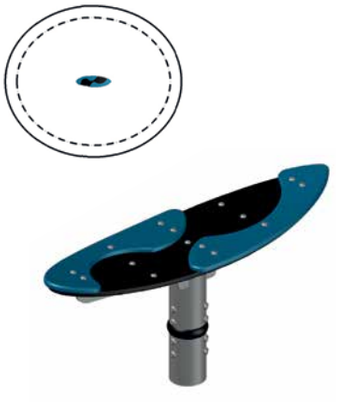
Number.1
90.261.010
Number.2
90.261.020
Number.3
90.261.030
Number.4
90.261.040
Number.5
90.261.050
Number.6
90.261.060
Number.7
90.261.070
Number.8
90.261.080
Number.9
90.261.090

Pin Tail

90.260.910

	(m)	1,0 x 0,4 x 0,4
	('-'')	3-4 x 1-1 x 1-4
	EN 1176 (m)	3,3 x 2,6
	ASTM/CSA(m)	5,0 x 4,2
	ASTM/CSA ('-'')	16-4 x 13-9
	(m)	0,4
	('-'')	1-4
		5

The Pin Tail with its smart rocking mechanism, does the trick. It is also suitable for a rough ride. The ideal experience for older kids and young adults.



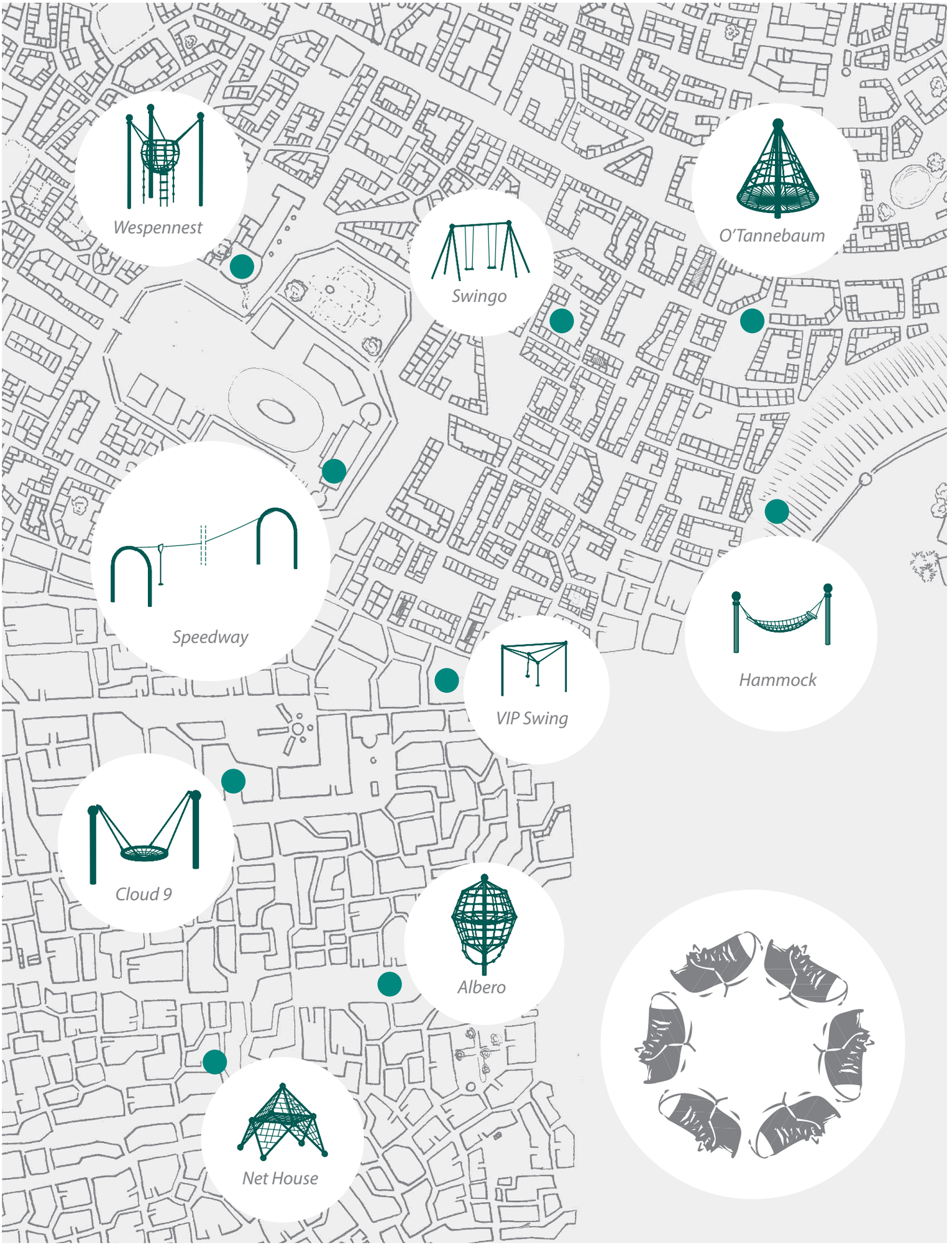
Swallow Tail
90.260.920

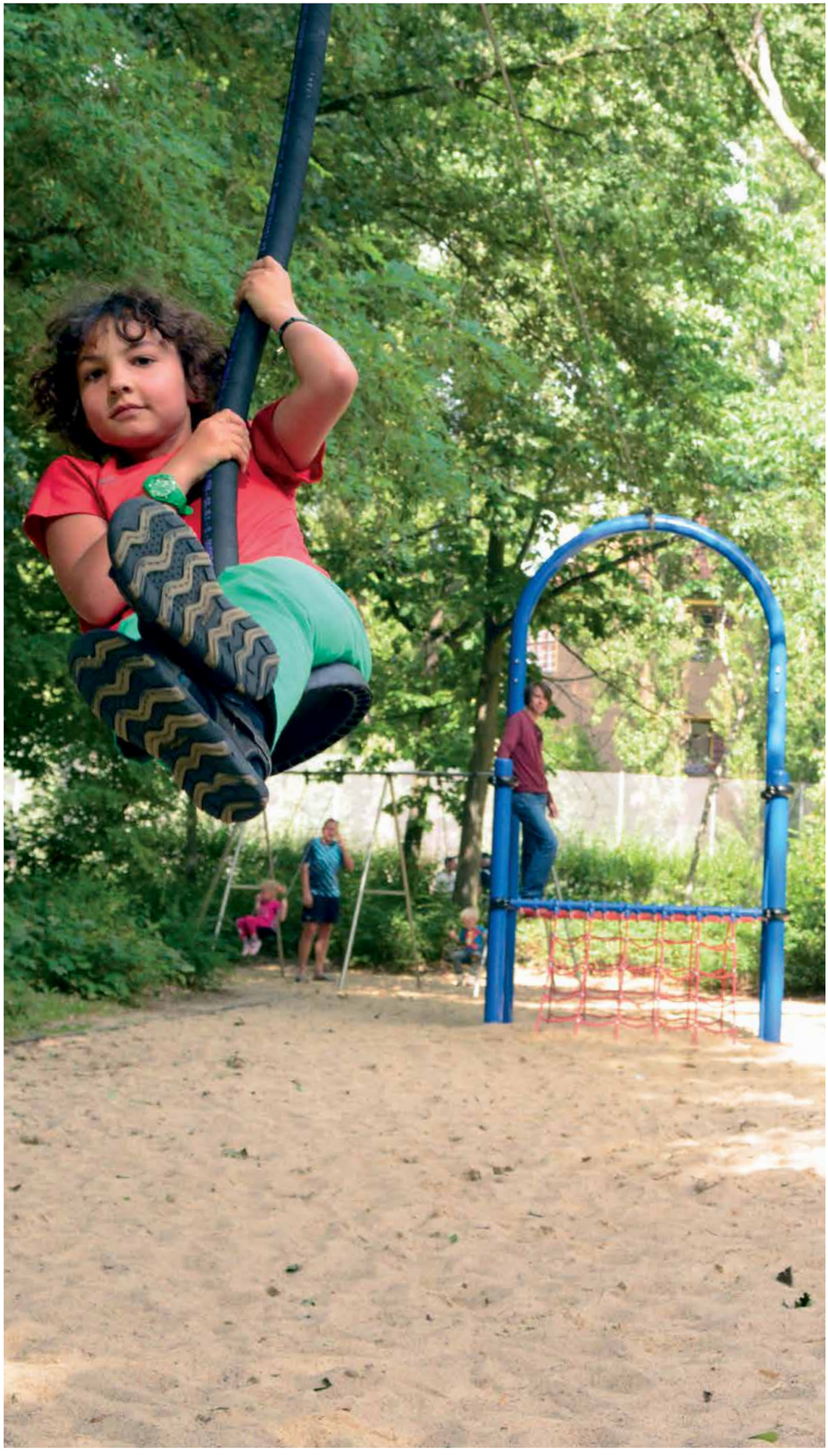
Needs no safety surface!

URBAN DESIGN
BERLIN

HodgePodge

HodgePodge is a clever and versatile combination of play equipment and climbing structures that can be used anywhere and for numerous activities. Climbing trees, a wasps' nest, volleyball nets for sporting activities, cable rides for fun and excitement.


Wespennest
Swingo
O'Tannebaum
Speedway
Hammock
VIP Swing
Cloud 9
Albero
Net House

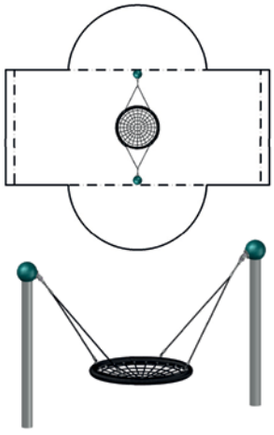


Cloud 9

97.100.025

	(m)	3,3 x 1,3 x 2,1
	('-")	10-8 x 3-11 x 6-9
	EN 1176 (m)	7,0 x 3,3
	ASTM/CSA(m)	7,5 x 7,0
	ASTM/CSA ('-")	24-5 x 22-8
	(m)	1,67
	('-")	6-2
		3

Our Cloud 9 is an accessible swing which allows several children at one time to fly "on the cloud".

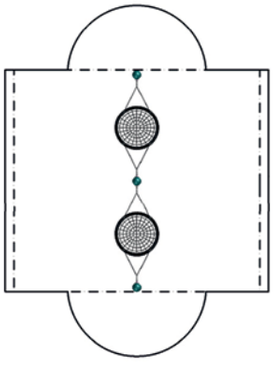


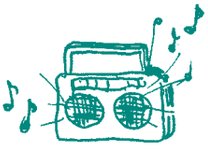
Double Cloud 9

95.171.311

	(m)	1,3 x 6,3 x 2,1
	('-")	4-2 x 20-7 x 6-9
	EN 1176 (m)	7,0 x 6,3
	ASTM/CSA(m)	7,5 x 10,0
	ASTM/CSA ('-")	24-5 x 32-7
	(m)	1,67
	('-")	6-2
		3

Two or even more multi-user seats arranged in line provide a truly unique groups winging experience.



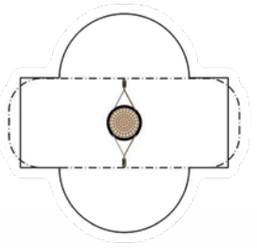


Palmetto Saucer

95.190.263

	(m)	2,5 x 1,0 x 2,1
	('-")	8-3 x 3-4 x 6-11
	EN 1176 (m)	6,5 x 2,5
	ASTM/CSA(m)	5,9 x 6,2
	ASTM/CSA ('-")	19-2 x 20-2
	(m)	1,5
	('-")	4-9
		3

As an accessible multi-user swing the Palmetto Saucer convinces through sharing fun. Heavy-duty engineering concealed behind a subtle, though striking design.

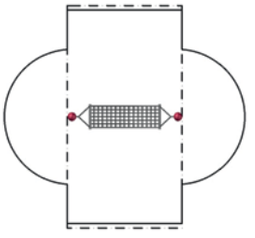


Hammock

95.170.196

	(m)	3,3 x 0,7 x 1,9
	('-")	10-8 x 2-4 x 6-3
	EN 1176 (m)	6,3 x 3,3
	ASTM/CSA(m)	6,8 x 6,0
	ASTM/CSA ('-")	22-4 x 19-8
	(m)	1,5
	('-")	4-12
		5

The hammock is a great place for relaxing, but it is also a superb swing for many users to swing at a time.

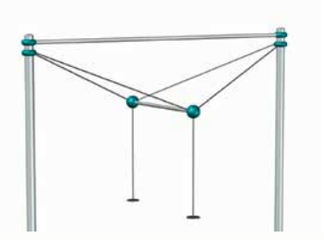


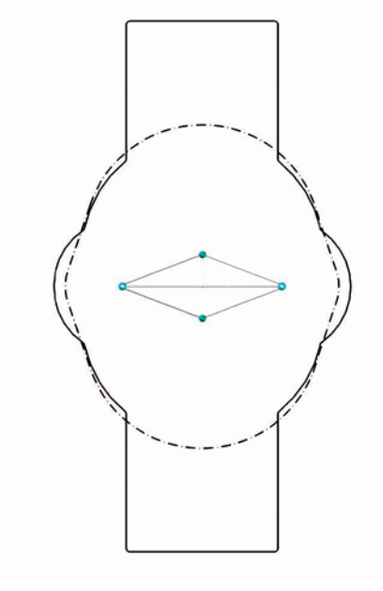
VIP Swing

97.100.026

	(m)	4,8 x 2,0 x 3,6
	('-")	6-7 x 15-6 x 11-7
	EN 1176 (m)	9,2 x 7,8
	ASTM/CSA(m)	15,0 x 8,4
	ASTM/CSA ('-")	49-3 x 27-6
	(m)	2,2
	('-")	7-3
		5

The VIP Swing is a pendulum swing for two users giving each other a "kick" without direct contact.





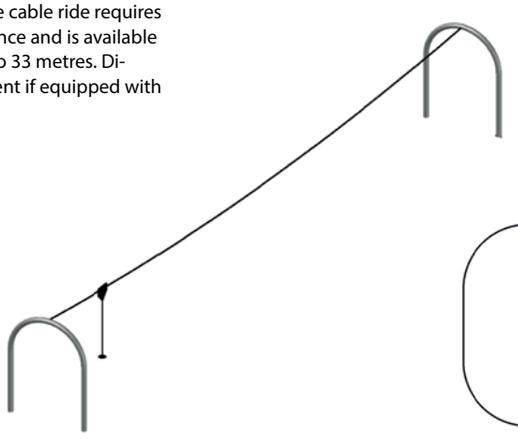
Speedway

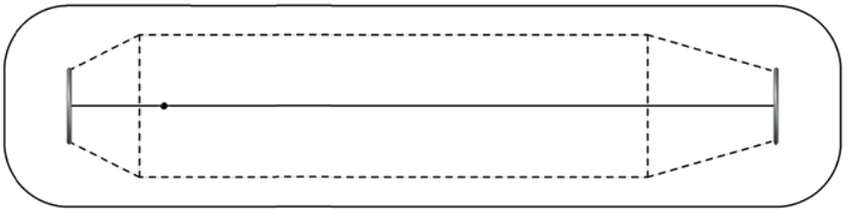
97.110.004

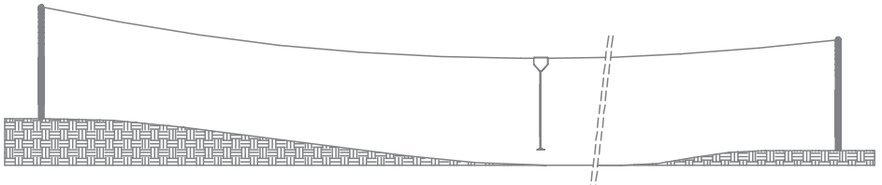
	(m)	30,2 x 2,2 x 3,2
	('-")	98-11 x 7-3 x 10-5
	EN 1176 (m)	30,2 x 4,0
	ASTM/CSA(m)	33,8 x 5,9
	ASTM/CSA ('-")	110-11 x 19-2
	(m)	1,0
	('-")	3-4
		5

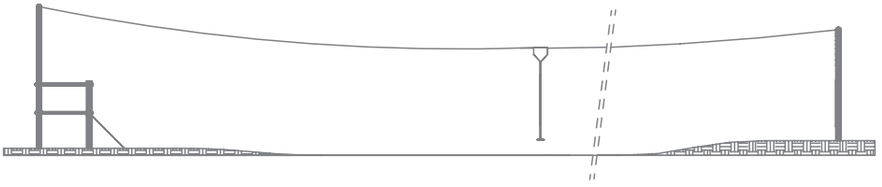
All you need is speed. The cable ride is a fun game in a new design without bulky supports. Two big steel arches (140 mm) allow a more open design. The cable ride requires sufficient ground clearance and is available in different lengths up to 33 metres. Dimensions slightly different if equipped with a launch platform.

Speedway equipped with a launch platform.
97.110.013









Speedway
97.110.004

Speedway
97.110.013

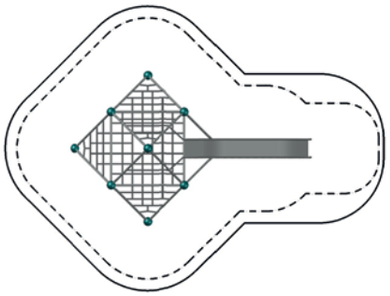
Available in different lengths up to 33 m

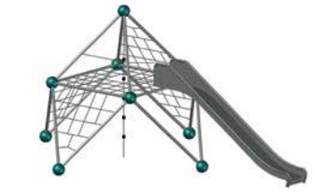
Net House.02

90.130.003

	(m)	6,8 x 4,4 x 3,1
	('-")	22-1 x 14-5 x 10-0
	EN 1176 (m)	10,3 x 7,4
	ASTM/CSA(m)	10,7 x 8,1
	ASTM/CSA ('-")	35-1 x 26-5
	(m)	1,49
	('-")	6-0
		5

Six triangular nets and a net platform turn the frame of a Mars structure into a net house. In combination with the central climbing rope and the slide the combination is a challenging play structure ideal for small spaces.





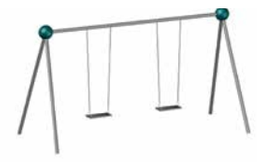
Swingo.02

90.160.141

	(m)	3,8 x 1,7 x 2,2
	('-")	12-6 x 5-7 x 7-3
	EN 1176 (m)	3,8 x 7,2
	ASTM/CSA(m)	7,5 x 8,0
	ASTM/CSA ('-")	24-5 x 26-3
	(m)	1,2
	('-")	3-12
		3

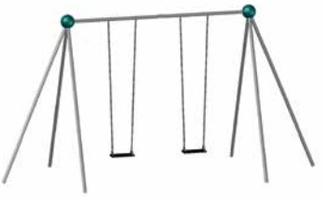
One swing, 4 variations in the successful Berliner design language.

Swingo.01
90.160.140

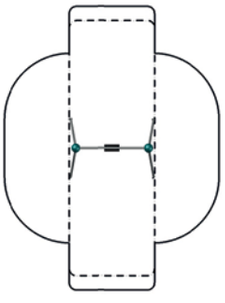


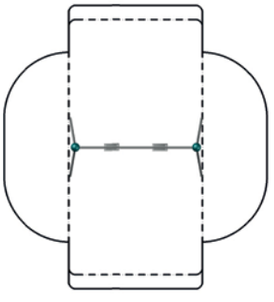
Swingo.02
90.160.141

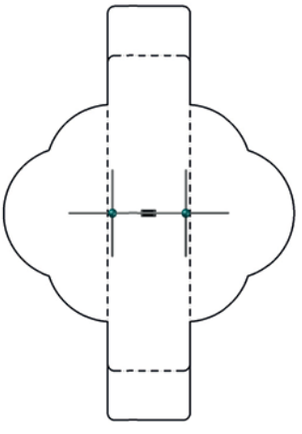
Swingo.03
90.160.150

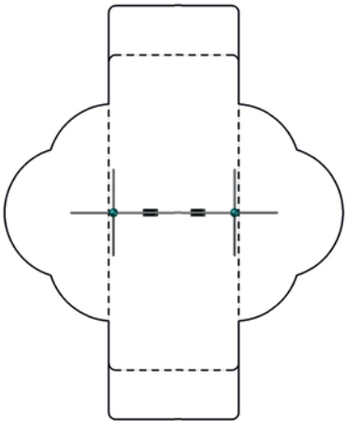


Swingo.04
90.160.151









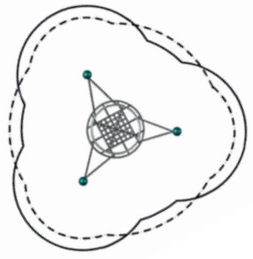
Wespennest.120

95.200.120

(m)		3,2 x 2,8 x 3,8
('-")		10-6 x 9-2 x 12-3
EN 1176 (m)		6,3 x 6,4
ASTM/CSA(m)		7,0 x 6,6
ASTM/CSA ('-")		22-8 x 21-5
(m)		2,5
('-")		8-3
		5

Inside that big netball, formed by a special spring-core cable, kids rise above all the action. It is a great place to observe the playscape or to havw a chat or just to let the mind wander. Available with or without balls on the post.

Can be embedded in every Terranos-landscape.

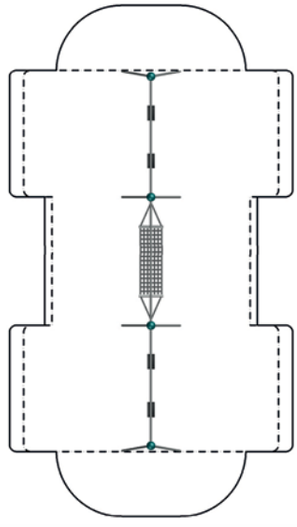


Triple Swingo

90.340.004

(m)		1,7 x 10,8 x 2,1
('-")		5-6 x 35-5 x 6-12
EN 1176 (m)		7,2 x 10,8
ASTM/CSA(m)		8,0 x 14,5
ASTM/CSA ('-")		26-3 x 47-5
(m)		1,5
('-")		4-11
		3

Three times the fun. Hammock, toddler and standard swing in one structure.

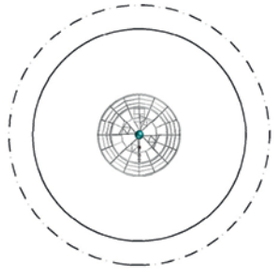


Albero.02

95.200.020

(m)		2,4 x 2,4 x 3,7
('-")		7-11 x 7-11 x 11-11
EN 1176 (m)		7,4 x 7,4
ASTM/CSA(m)		6,1 x 6,1
ASTM/CSA ('-")		19-9 x 19-9
(m)		3,0
('-")		9-11
		5

The Albero.02 is a big tree for a larger group of children to enjoy a gentle ride around the trunk.

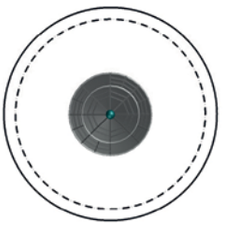


O'Tannebaum

95.200.080

	(m)	2,4 x 2,4 x 3,1
	('-")	7-9 x 7-9 x 10-2
	EN 1176 (m)	5,4 x 5,4
	ASTM/CSA(m)	6,1 x 6,1
	ASTM/CSA ('-")	19-9 x 19-9
	(m)	0,50
	('-")	1-8
		5

A christmas tree for all year round. Except for the trunk the entire tree is rotatable. The big rubber membrane surface with its low access height enables children with special needs also to join the fun.



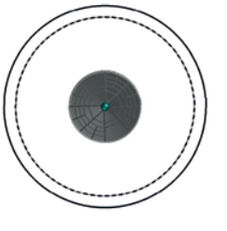
In the background: Terranova
> *Page 155*

O'Tannebaum 2.5

90.340.045

	(m)	2,1 x 2,1 x 2,5
	('-")	6-9 x 6-9 x 8-3
	EN 1176 (m)	5,1 x 5,1
	ASTM/CSA(m)	5,8 x 5,8
	ASTM/CSA ('-")	18-9 x 18-9
	(m)	0,50
	('-")	1-8
		3

The little brother of O'Tannebaum.

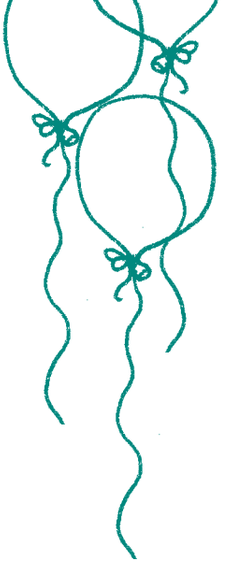


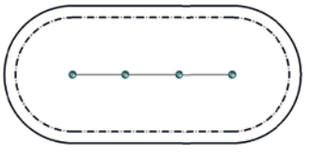
Horizonto

95.190.010

	(m)	4,7 x 0,2 x 1,6
	('-")	15-4 x 8 x 5-3
	EN 1176 (m)	7,7 x 3,2
	ASTM/CSA(m)	8,4 x 3,9
	ASTM/CSA ('-")	27-5 x 12-8
	(m)	1,52
	('-")	4-12
		5

These three horizontal bars are adjustable and suitable for any bar exercises.



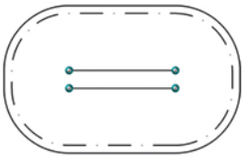


Parallelo

95.172.475

	(m)	3,3 x 0,8 x 1,6
	('-")	10-7 x 2-5 x 5-0
	EN 1176 (m)	3,8 x 6,3
	ASTM/CSA(m)	6,7 x 4,2
	ASTM/CSA ('-")	21-11 x 13-8
	(m)	1,42
	('-")	4-8
		5

Enriching Olympics for decades, finally the parallel bars are available for public spaces and for more than just gymnastics classes.



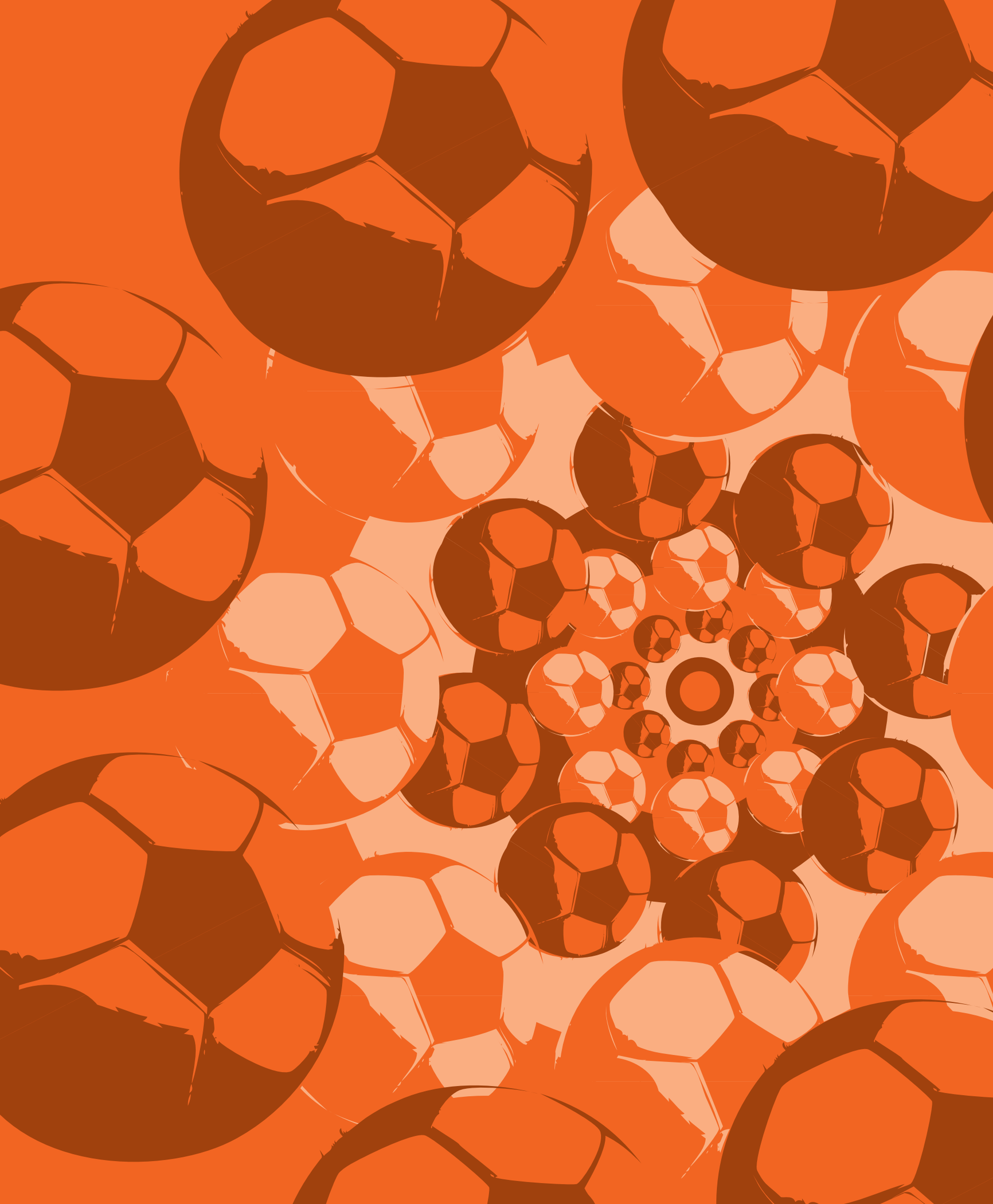

SKY
4X4

Geos

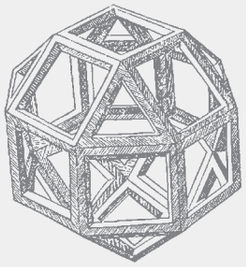
Anything goes with the Geos. These structures are ideal for climbing on the inside or outside. The Geos offer enough space on the inside to play soccer or as a safe play area with plenty of room for hammocks.

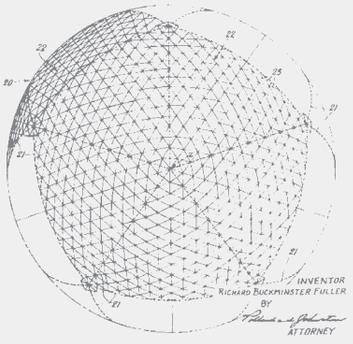
The pure carbon molecule C60 consists of 12, 5 and 20 hexagonal carbon rings with a total of 60 atoms – one at each corner: the shape of a soccer ball. Geos are constructed according to the same principle. The Frame-worx frame system consists of tubes and balls.

The Geos can be varied in diameter by changing the tube lengths. Three types are available for different dome sizes.



Geodetic
Domes

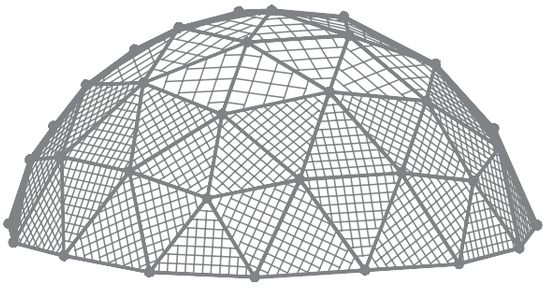


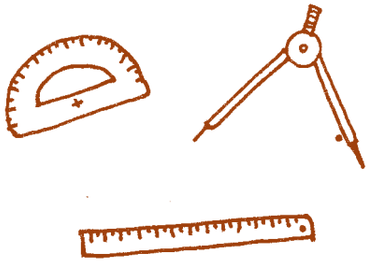


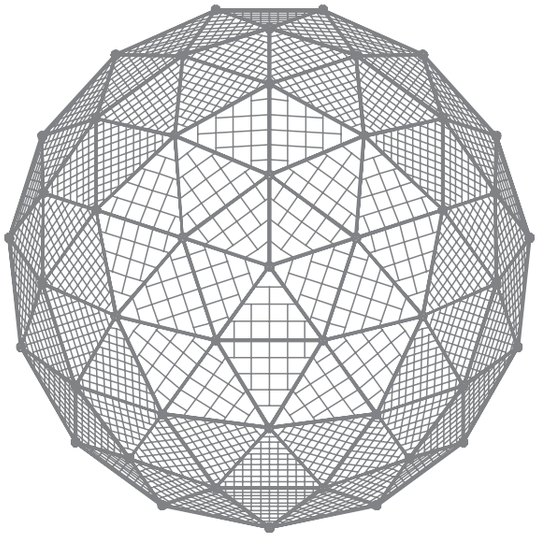
Leonardo da Vinci (1452 – 1519) studied Platonic and Archimedean solids and designed on the basis of the Icosaeder the first globular spatial structure.

R. Buckminster Fuller (1895 – 1983) completed the research which Leonardo had begun: With his version of structure, similar to a C60-molecule, emerged the form which we all know today as a football. This buckyball shows twelve black pentagonal faces, which are surrounded by 20 white hexagonal faces.

In our product group Geos, da Vinci's and Fuller's sophisticated accidence is realised congenially – and playfully.







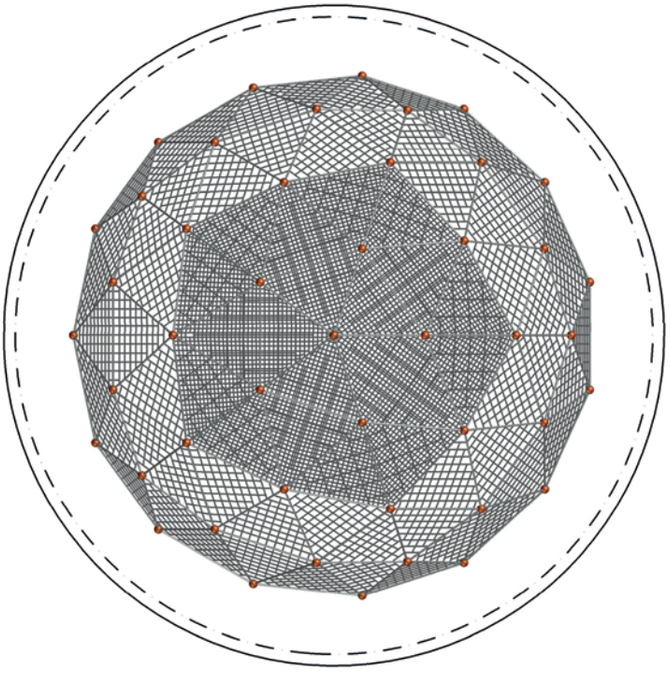
Geodom.01

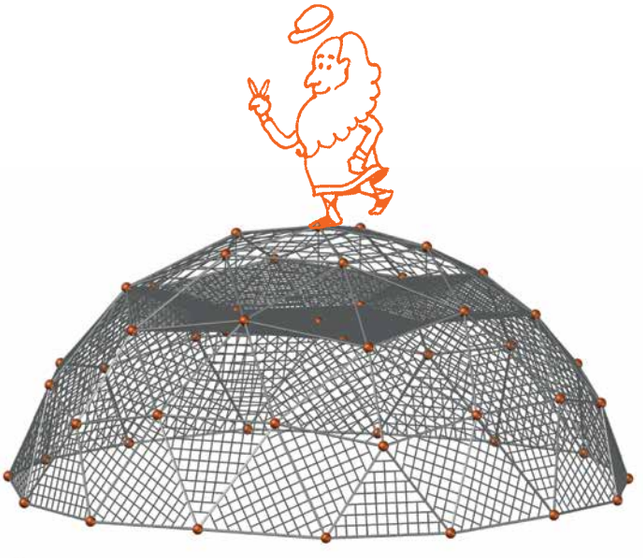
95.130.301

	(m)	15,0 x 14,9 x 6,5
	('-")	49-1 x 48-9 x 21-3
	EN 1176 (m)	18,1 x 18,1
	ASTM/CSA(m)	18,7 x 18,7
	ASTM/CSA ('-")	61-4 x 61-4
	(m)	3
	('-")	9-11
		5

A big Geodom constructed as a roof for a football field. The design has been made similar to the shape of a soccer ball. There is a safety net integrated at a height of 4 metres.

Berlin, Germany



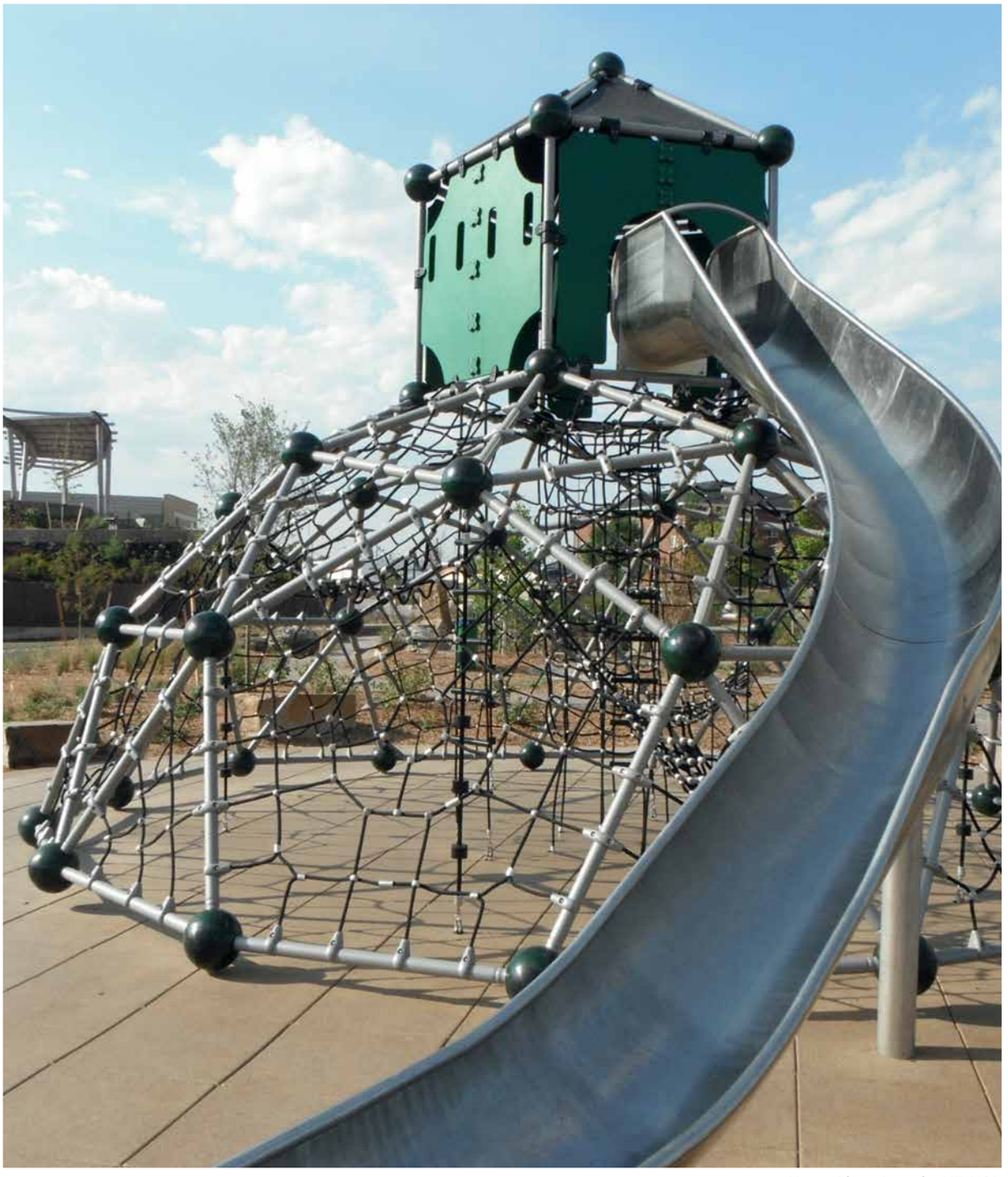


Geoball.07

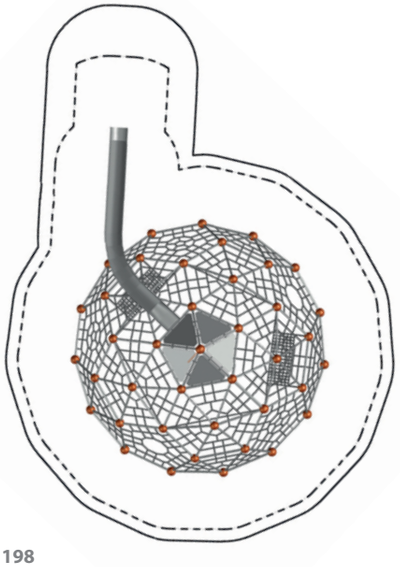
95.130.207

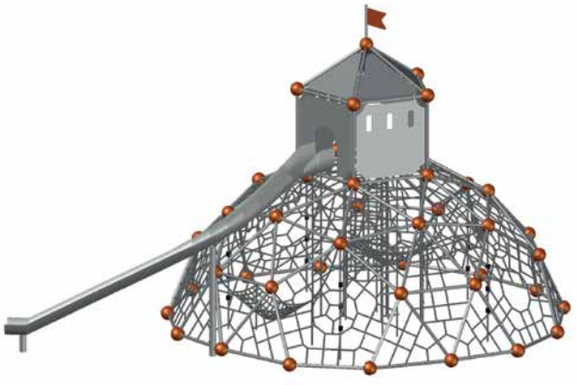
	(m)	7,3 x 9,8 x 5,9
	('-")	23-12 x 31-12 x 19-5
	EN 1176 (m)	10,4 x 13,2
	ASTM/CSA(m)	11,8 x 14,5
	ASTM/CSA ('-")	38-7 x 47-7
	(m)	2,76
	('-")	9-1
		5

The slide house in the top raises the fun level of that multifunctional Geo ball from high level to top notch.



Union Plaza, Lincoln, NE, USA
Slide also available in plastic.

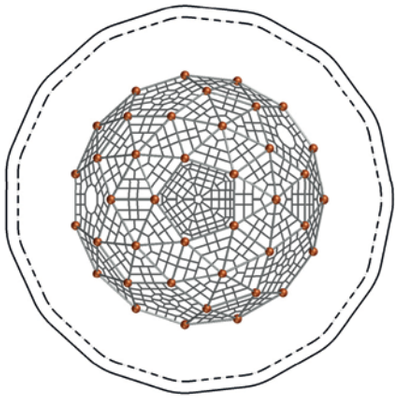




Geoball.04

95.130.204

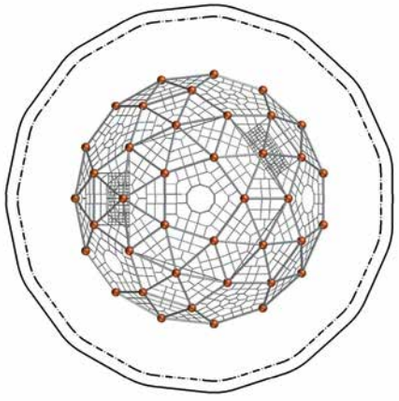
	(m)	7,3 x 7,3 x 3,0
	('-")	23-12 x 23-10 x 9-11
	EN 1176 (m)	10,3 x 10,3
	ASTM/CSA(m)	11,0 x 11,0
	ASTM/CSA ('-")	35-12 x 35-10
	(m)	2,76
	('-")	9-1
		5



Geoball.05

95.130.205

	(m)	7,3 x 7,3 x 3,0
	('-")	23-12 x 23-10 x 9-11
	EN 1176 (m)	10,3 x 10,3
	ASTM/CSA(m)	11,0 x 11,0
	ASTM/CSA ('-")	35-12 x 35-10
	(m)	2,76
	('-")	9-1
		5



Climbing Strawberry for **Karl's Adventure Village**

In line with the motto of the adventure farm, a climbing strawberry was installed in Warnsdorf. An open dome made of net elements, which looks like a giant strawberry due to its colour scheme and add-on elements. Implemented and designed by Berliner Seilfabrik. The landscape architect in charge, Ute Hoffmann of the Bürogemeinschaft für Stadt- und Dorfplanung (office partnership for urban and village planning), plans and designs the new playgrounds for Karl's Adventure Village at all locations. "We wanted to liven up the forecourt terraces of the Adventure Village in Warnsdorf by a play attraction. We reminisced about the classic climbing frame from our childhood, which offered a multitude of climbing options and play opportunities, and it also had to be something to do with strawberries," landscape architect Ute Hoffmann describes the brainstorming. "Karls and Ms Hoffmann opted for a classic play structure from our company, which was developed back in 1992. Despite being an old classic, the "Geoball" as it is termed, a geodetic dome, is fully in line with the trend due to its numerous play functions.

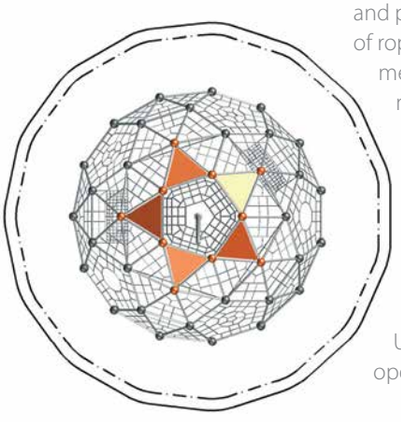
New

In the case of Karl's Climbing Strawberry, the basic design has undergone a makeover and now actually resembles a strawberry because of the red net, the yellow and green balls and particularly because of the green panels and the long stem," explains architect Heinrich Stoppel of Berliner Seilfabrik. As a member of the Berliner Seilfabrik Creative Center, he has drawn, designed and developed individual play equipment and playscapes for more than 15 years now. 335 metres of rope were installed. The Climbing Strawberry is 4.4 metres high and 7.3 metres in diameter. Two hammocks, several climbing ropes and rope ladders offer a wide variety of play and climbing options for children in the 68 m3 dome. "With the transformation of the GEO designed by Berliner Seilfabrik into Karl's Climbing Strawberry, visitors to Karl's Adventure Farm are now greeted by an authentic play attraction. Children of all ages play on the Climbing Strawberry at any time!", adds Ute Hoffmann, commenting on the newly developed playground in Warnsdorf.

Geoball.029

95.130.229

	(m)	7,3 x 7,3 x 4,5
	('-")	23-12 x 23-10 x 14-7
	EN 1176 (m)	10,3 x 10,3
	ASTM/CSA(m)	11,0 x 11,0
	ASTM/CSA ('-")	35-12 x 35-10
	(m)	2,76
	('-")	9-1
		5



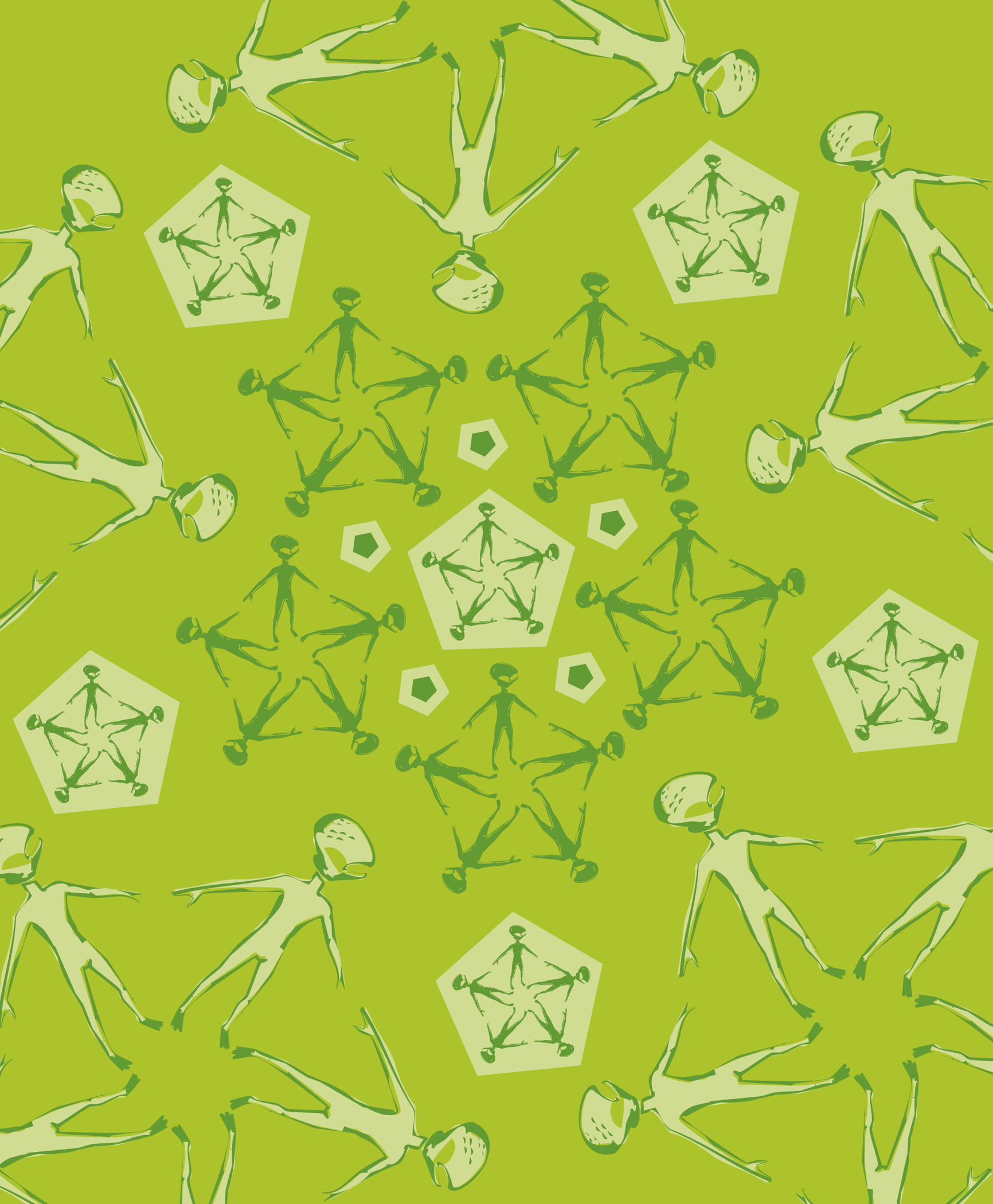
UFOs

With the UFOs, children of all ages can explore play and climb galaxies where no children have gone before – for even more fun and adventure.

The pentagonal Frameworx frame of stainless steel tubes – connected via hollow aluminium balls – surrounds a spatial net tensioned by means of a compression member construction. All fastening elements are safely housed inside the system balls. The rope crossing points are fixed by means of corrosion-resistant, drop forged aluminium sections (ball knots). The special spherical shape excludes entrapments and entanglements.

The frame and foundation connection points are rubber-cushioned for maximum flexibility.

The compact UFOs can be combined to produce larger and more complex fleets.



Configuration of the **UFOs**

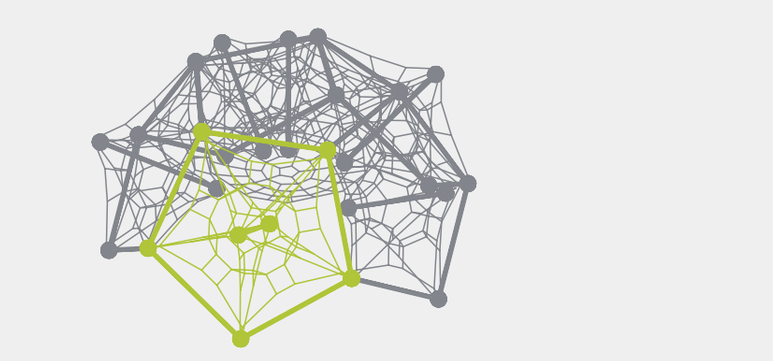
Basic shape

× 1 = UFO M1

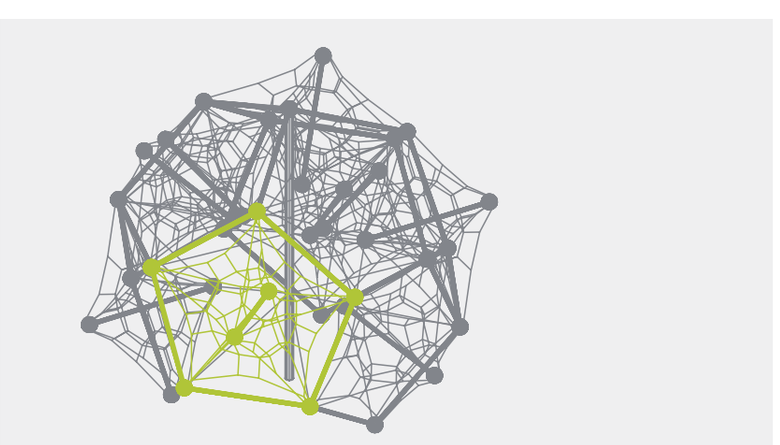
× 2 = UFO M2

× 3 = UFO M3

× 6 = UFO M6



× 9 = UFO M9

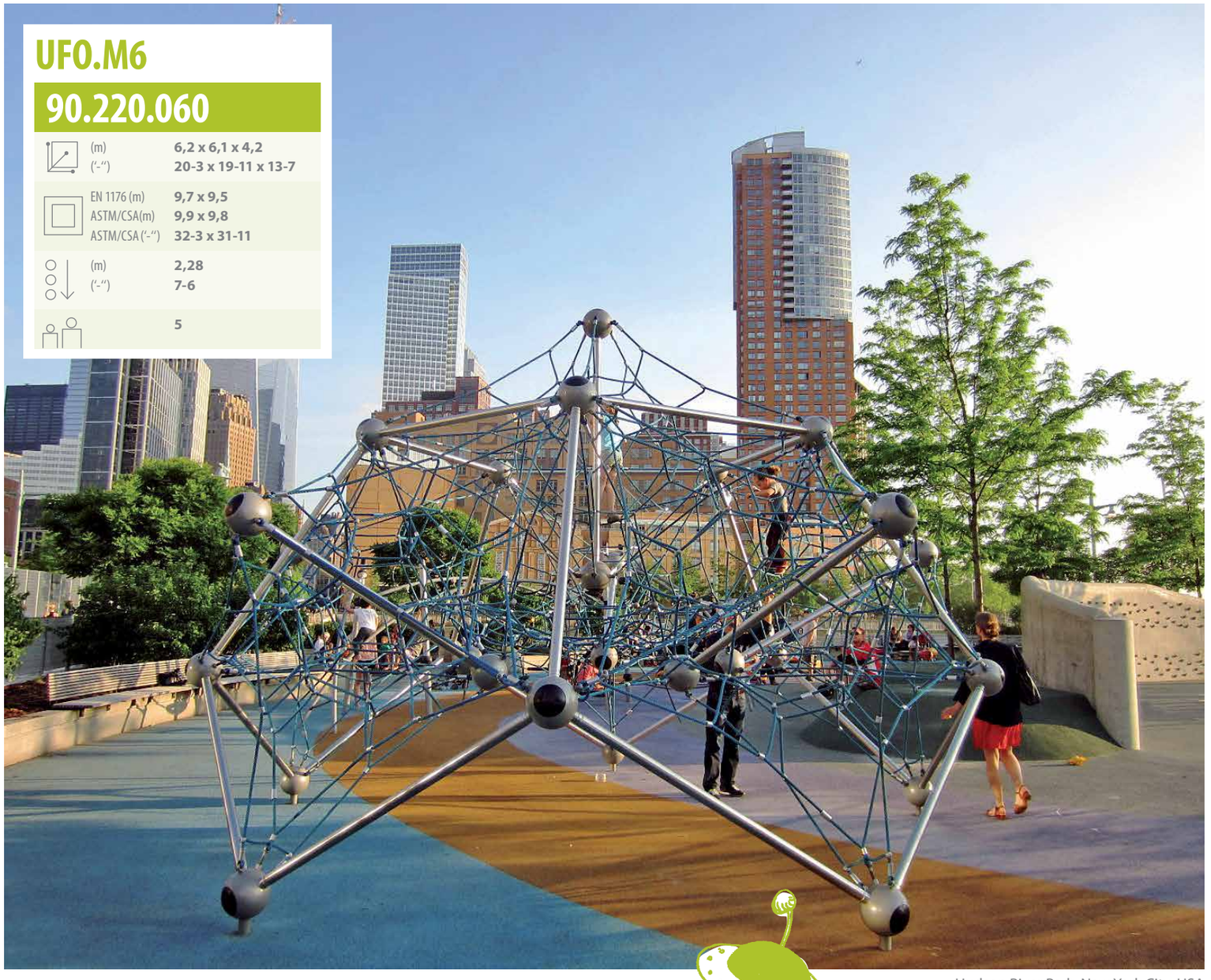



212.779.0225

UFO.M6

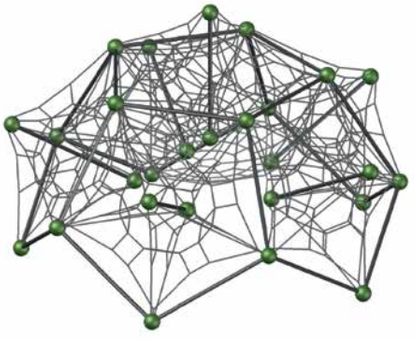
90.220.060

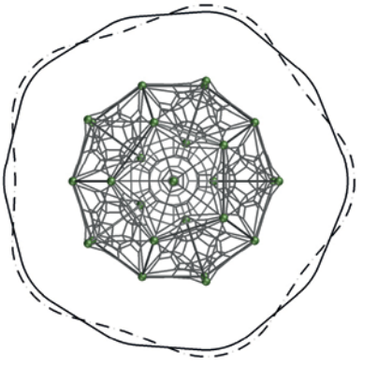
	(m)	6,2 x 6,1 x 4,2
	(‘-“)	20-3 x 19-11 x 13-7
	EN 1176 (m)	9,7 x 9,5
	ASTM/CSA(m)	9,9 x 9,8
	ASTM/CSA (‘-“)	32-3 x 31-11
	(m)	2,28
	(‘-“)	7-6
		5



Six units together form this play-paradise.
Different rope and ball colours are available.

Hudson River Park, New York City, USA



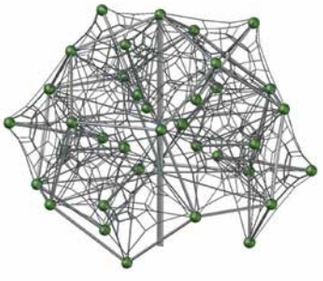


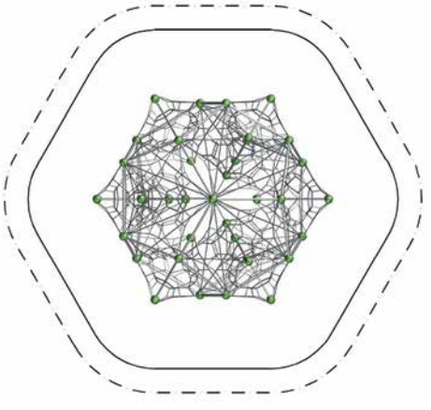
UFO.M9

90.220.090

	(m)	5,9 x 6,8 x 5,1
	('-")	19-5 x 22-3 x 16-7
	EN 1176 (m)	10,9 x 11,8
	ASTM/CSA(m)	9,6 x 10,5
	ASTM/CSA ('-")	31-5 x 34-3
	(m)	3
	('-")	9-11
		5

A whole galaxy, challenging for anybody trying to discover it.





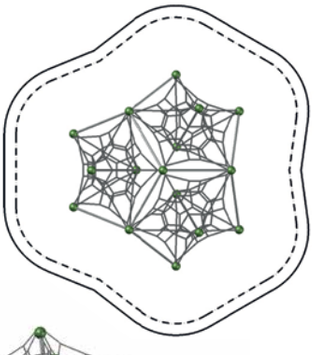
UFO.M3

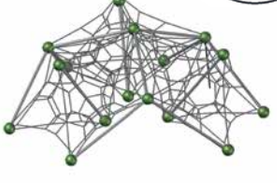
90.220.030

	(m)	5,0 x 5,7 x 2,2
	('-")	16-2 x 18-7 x 7-0
	EN 1176 (m)	8,0 x 8,7
	ASTM/CSA(m)	8,6 x 9,4
	ASTM/CSA ('-")	28-2 x 30-7
	(m)	1,93
	('-")	6-4
		5

The version with three modules is a great challenge for little climbers.

La Salle, Canada





UFO.M2

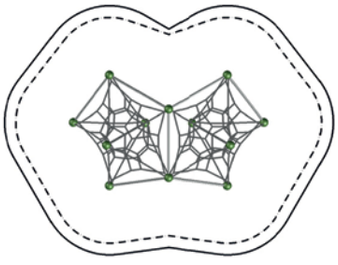
90.220.020

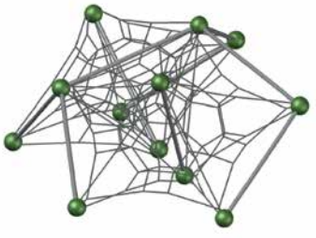
	(m)	5,7 x 3,4 x 2,2
	('-")	18-7 x 11-1 x 7-0
	EN 1176 (m)	8,7 x 6,4
	ASTM/CSA(m)	9,4 x 7,1
	ASTM/CSA ('-")	30-7 x 23-1
	(m)	2,12
	('-")	7-0
		5

Two M1-units share one pipe and two balls to make a nice little climber-combination.

Klyde Warren Park, Dallas, USA

In the background: Playpoints of our brand URBAN DESIGN BERLIN
> *Page 162*





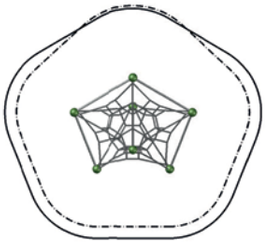
UFO.M1

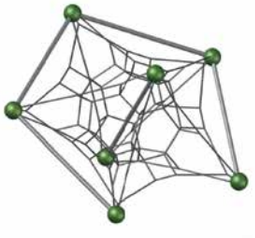
90.220.010

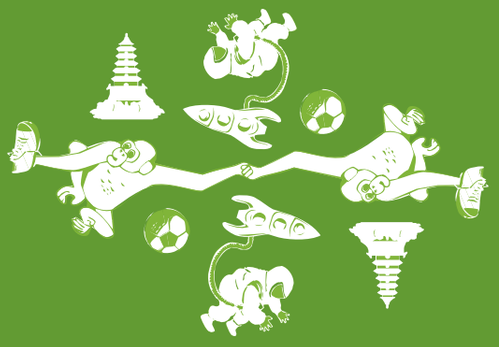
	(m)	3,6 x 2,9 x 2,2
	('-")	11-10 x 9-3 x 7-0
	EN 1176 (m)	6,6 x 6,3
	ASTM/CSA(m)	7,3 x 6,5
	ASTM/CSA ('-")	23-10 x 21-3
	(m)	2,12
	('-")	7-0
		5

This is the basic unit for all UFOs.

Simcoe, Canada







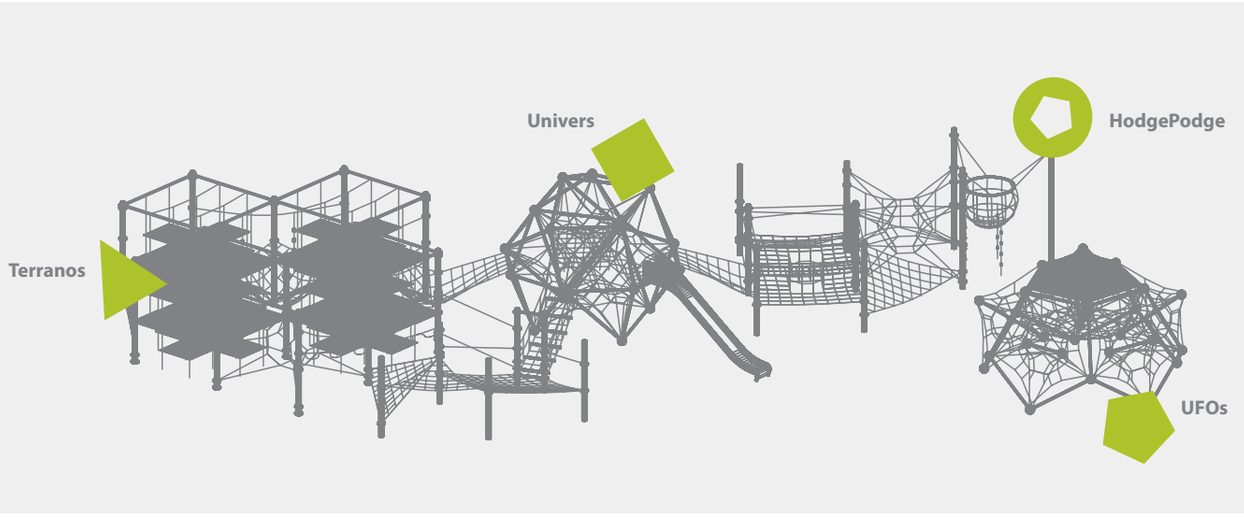
CombiNation

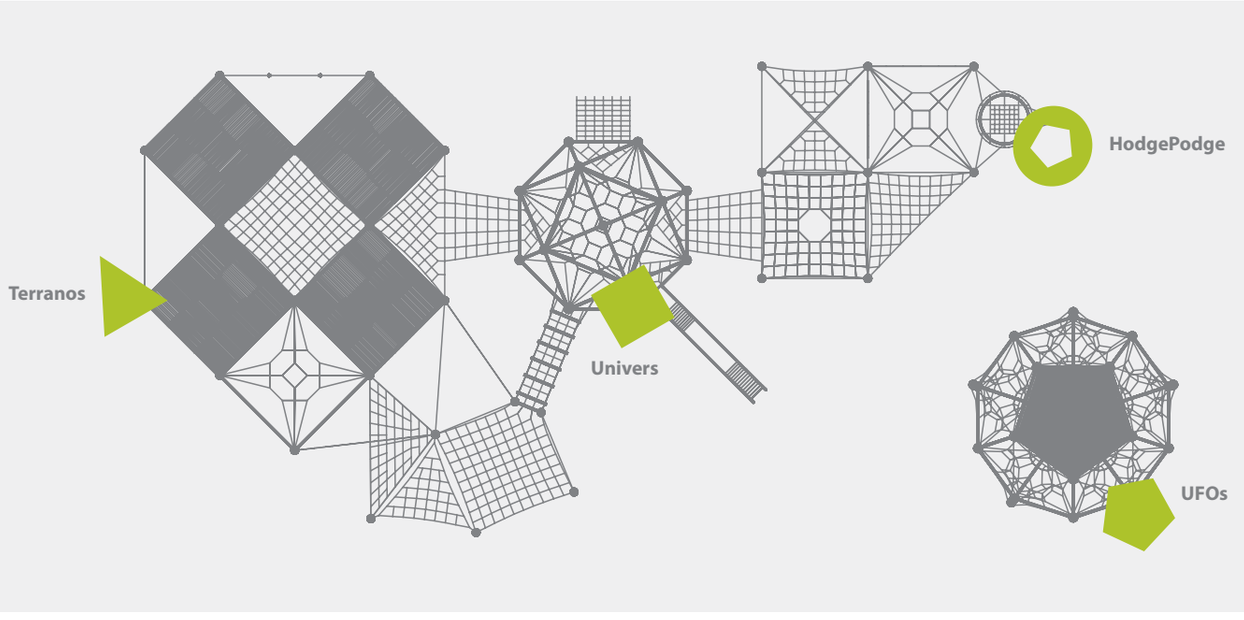
Berliner Seilfabrik offers an endless variety of play systems. But that's not all: Since all play systems consist of the same basic modules, the various play systems can easily be combined with each other, e.g. a Univers Net Structure can be combined with a Cosmo or a UFO and then connected to a Terranos netscape via a suspension bridge.

The following play systems are only examples – use the countless design options to create your own unique play combination! Our friendly design department will be happy to be of assistance.

Only Berliner's cloverleaf rings ensure replaceability of single rope sections in spatial nets.

Combining Various **Equipment**





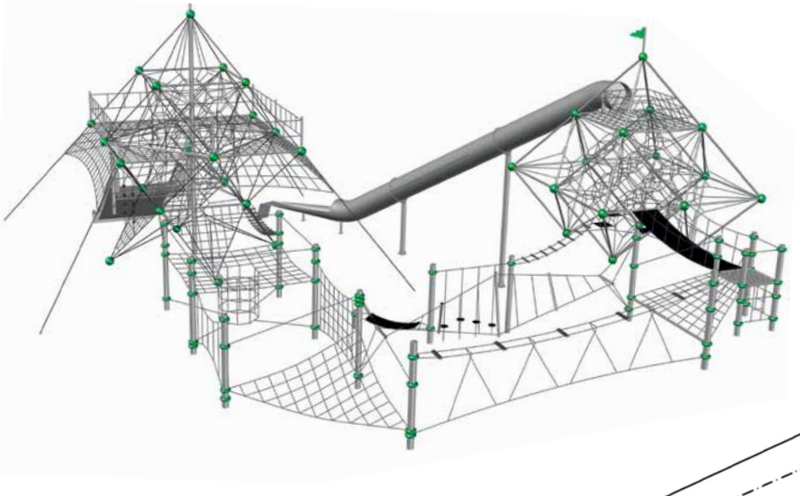
CombiNation systems provide an endless variety of play activities for children of all ages: All conceivable activities can be interlinked by combining the various ranges of equipment.

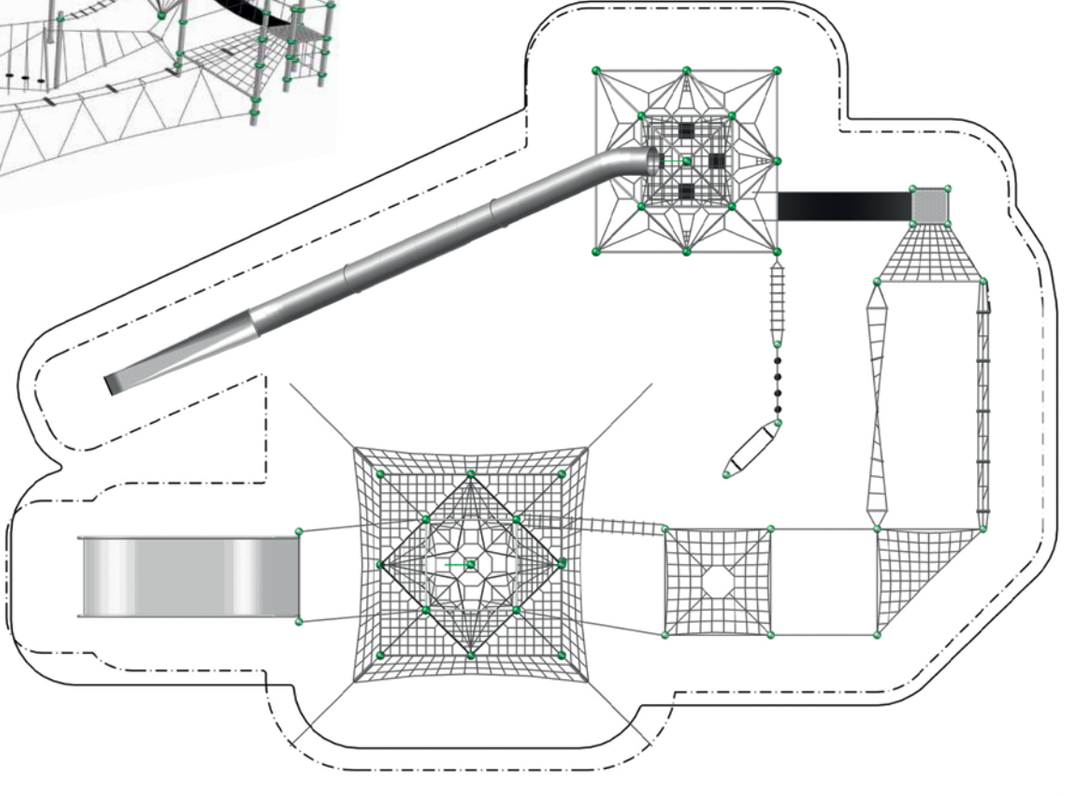
Grandview

90.180.329

	(m)	25,7 x 16,3 x 8,2
	('-")	84-3 x 63-1 x 26-7
	EN 1176 (m)	29,3 x 21,6
	ASTM/CSA(m)	29,6 x 21,1
	ASTM/CSA ('-")	97-1 x 69-3
	(m)	2,99
	('-")	9-11
		5

New





The cleverly thought out open play concept including the Pegasus, a tube slide with transparent "windows", a wide family slide and a complex rope course with varying degrees of challenge has produced a one-of-a-kind experience. No surprise the playground attracts thousands of visitors each week.

Lee's Summit

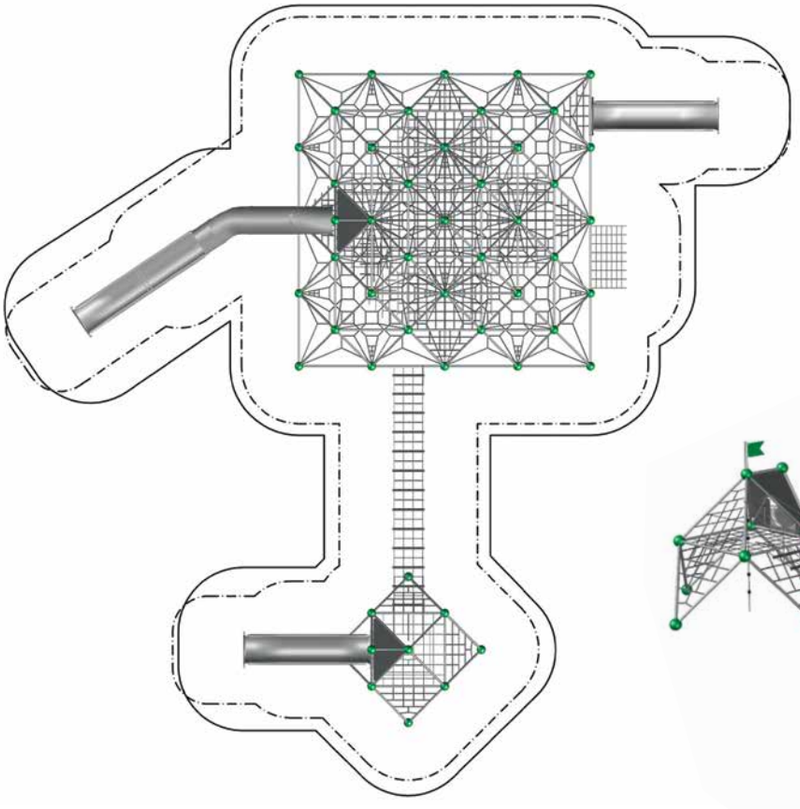
90.141.183

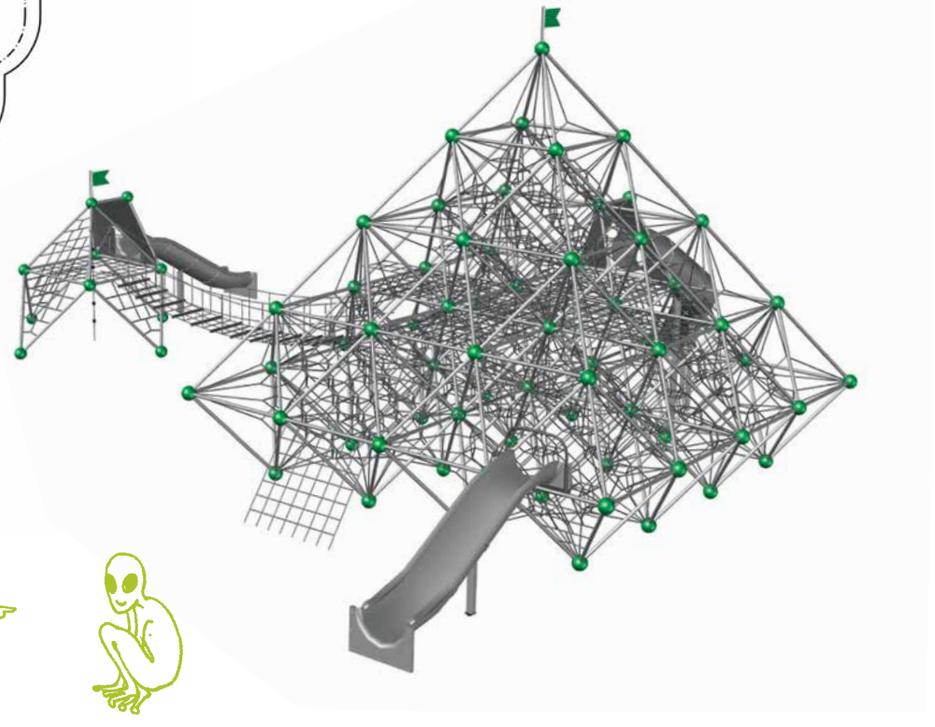
	(m)	18,4 x 18,7 x 7,9
	('-")	60-2 x 61-3 x 25-10
	EN 1176 (m)	22,2 x 21,6
	ASTM/CSA(m)	22,2 x 22,4
	ASTM/CSA ('-")	72-11 x 73-3
	(m)	2,50
	('-")	6-0
		5

Already the 7.9m tall Jupiter XXL by itself would have been a blast to most kids. Equipping the giant with thrilling attractions such as the slide and connecting it to the smaller Nethouse has made the combination irresistible fun for young and old.

New

Lee's Summit, MO, USA





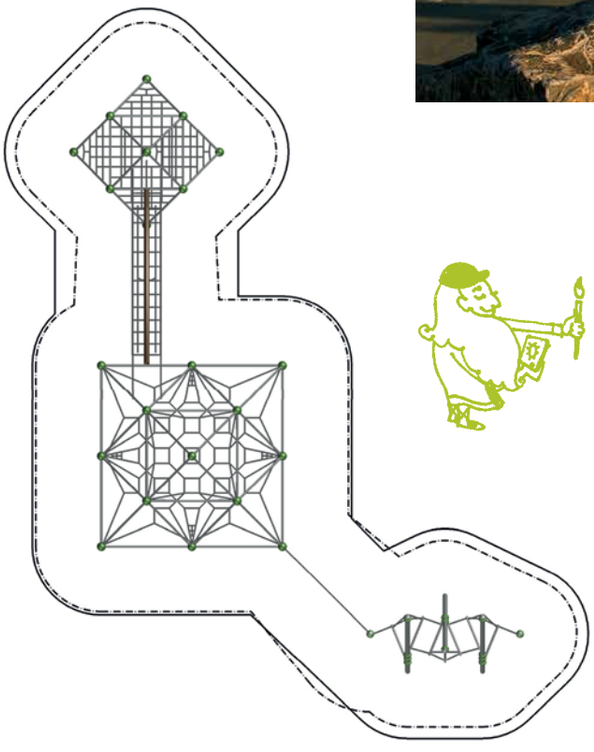
South Jordan

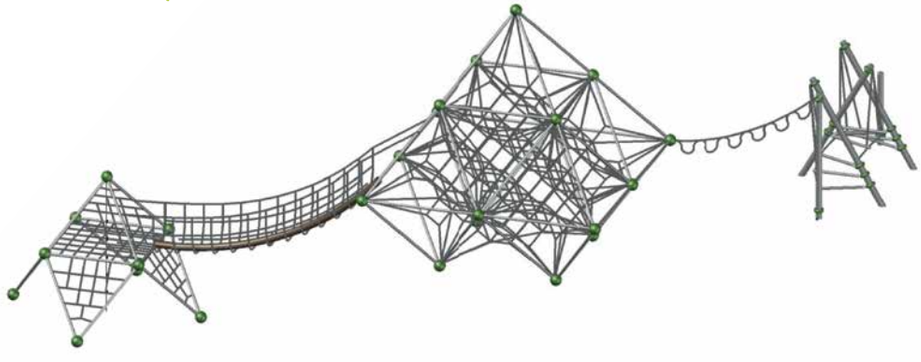
90.180.313

	(m)	16,9 x 12,9 x 7,3
	('-")	55-7 x 42-2 x 23-10
	EN 1176 (m)	19,9 x 15,9
	ASTM/CSA(m)	20,6 x 16,5
	ASTM/CSA ('-")	67-7 x 54-2
	(m)	2,4
	('-")	7-10
		5

This wonderful combination combines Neptun, Sculptura, a net house and is going up and down the hill.

South Jordan, USA





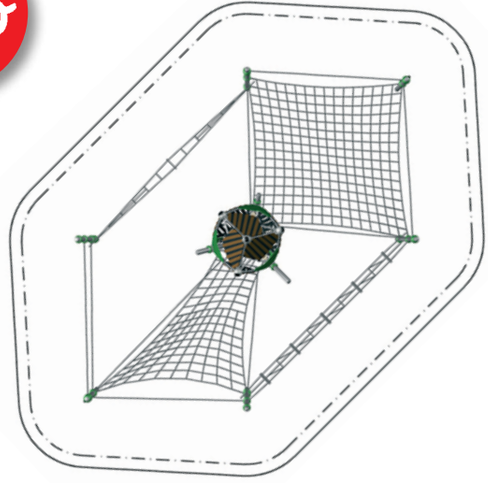
Celle

90.293.032

	(m)	7,0 x 13,1 x 5,2
	('-")	22-10 x 42-10 x 16-11
	EN 1176 (m)	10,0 x 13,1
	ASTM/CSA(m)	10,7 x 16,7
	ASTM/CSA ('-")	34-10 x 54-10
	(m)	2,99
	('-")	9-10
		5

Nestled in the trees, tree house Trii3 blends perfectly with its surroundings. It looks like something from a fairy-tale when combined with elements from the Terranos range, which also grant access to the tree house.

New



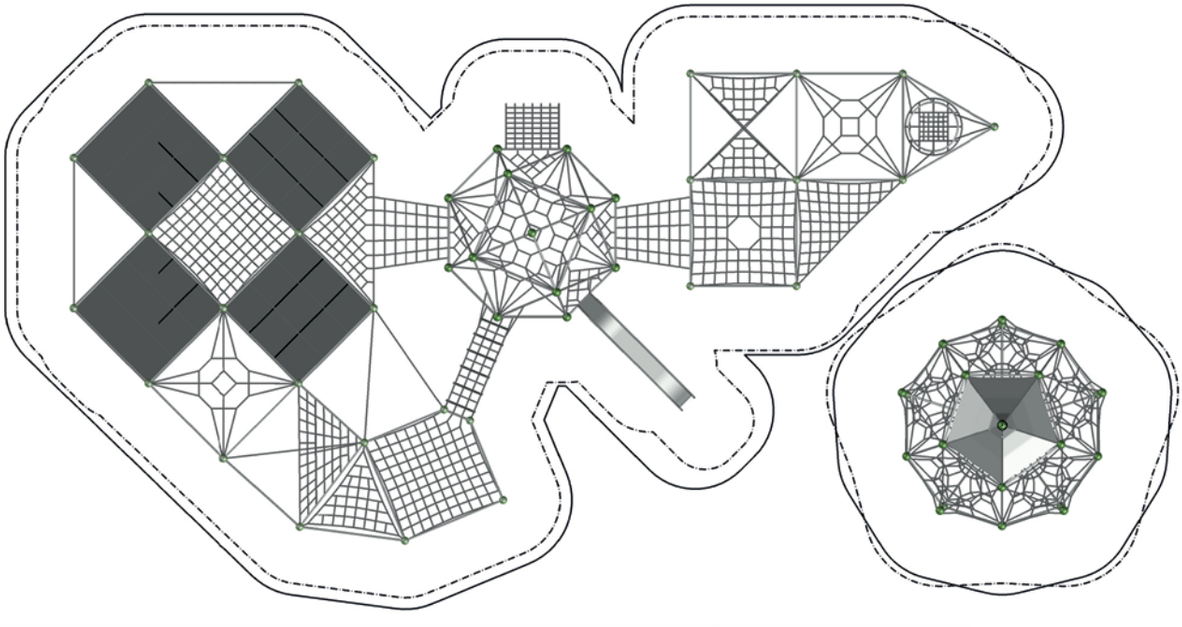
Tolosa

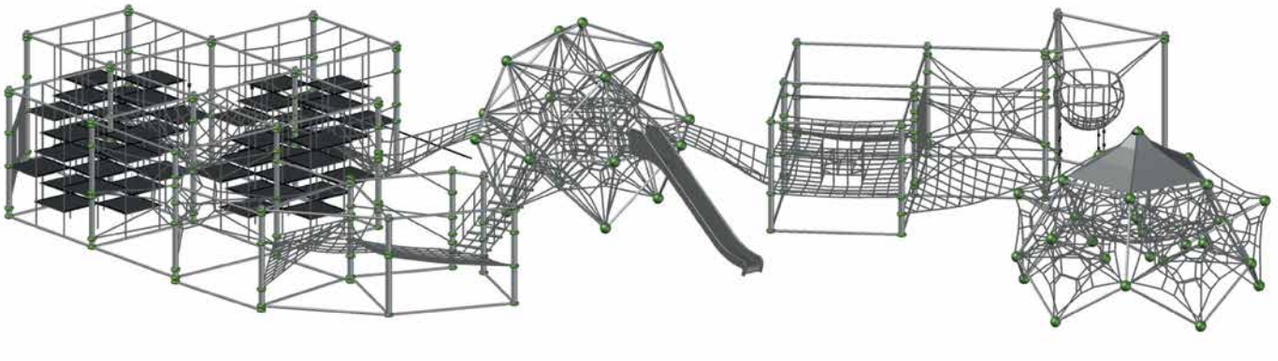
90.180.123

	(m)	29,3 x 13,4 x 4,5
	('-")	44-0 x 96-3 x 14-9
	EN 1176 (m)	32,9 x 16,4
	ASTM/CSA(m)	17,1 x 33,0
	ASTM/CSA ('-")	56-0 x 108-3
	(m)	2,5
	('-")	8-2
		5

This huge play combination consists of Terranos rubber membrane fields, a Spaceball, a wasps' nest and UFO M6.01

Tolosa, Spain





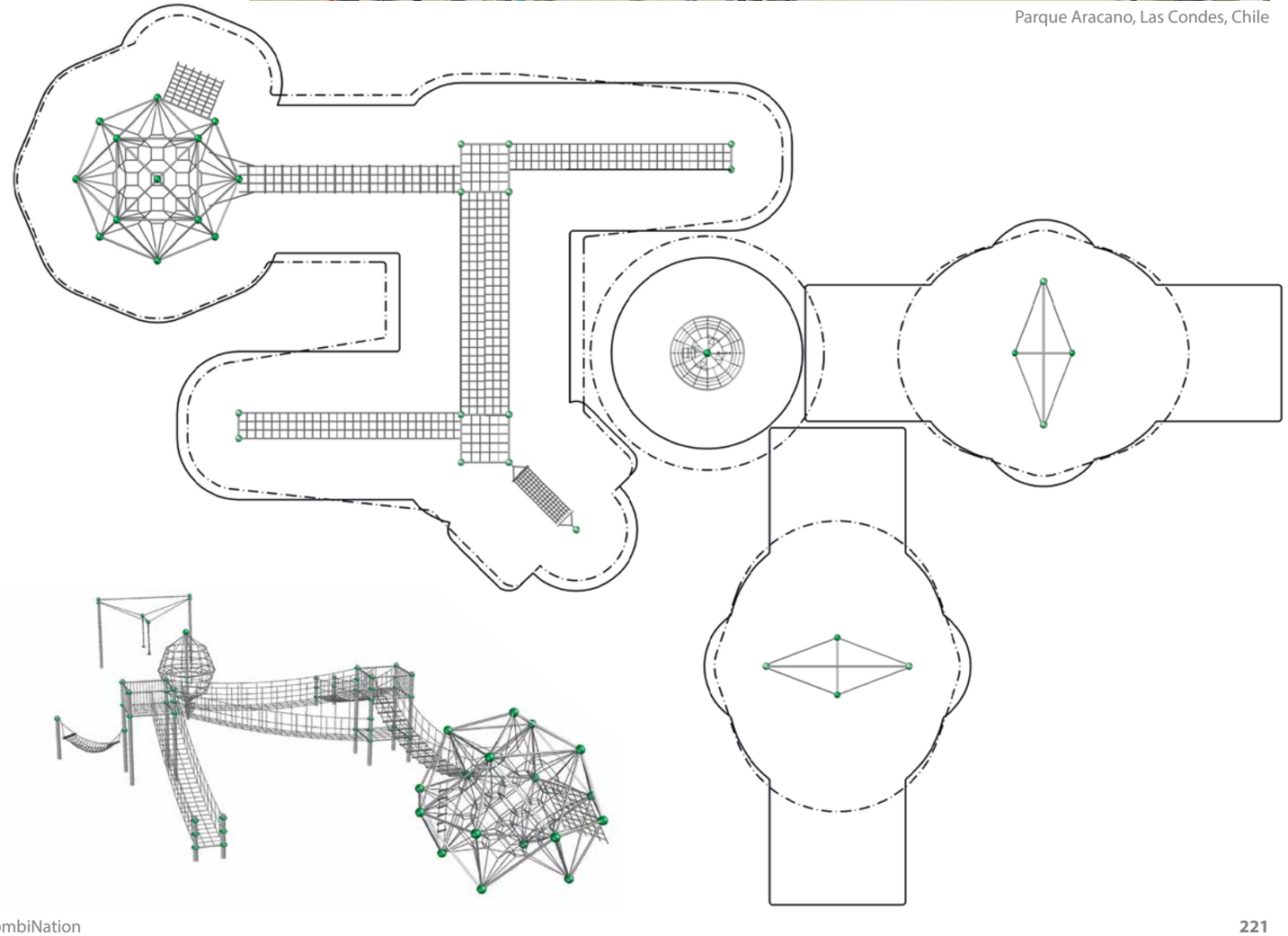
Las Condes

90.180.207

	(m)	20,0 x 31,6
	('-")	65-8 x 103-8
	EN 1176 (m)	25,1 x 36,9
	ASTM/CSA(m)	28,3 x 39,9
	ASTM/CSA ('-")	92-11 x 131-0
	(m)	2,5
	('-")	8-3
		8

This large rope play structure for children over the age of 5 in the middle of Santiago de Chile is undoubtedly one of the most used play structures in South America. At weekends, countless kids and even adults enjoy the excitement of climbing as high as they can. From the voluminous Spaceball XL via several suspension bridges up to play equipment such as the VIP swing and Albero. 02, there's something for everyone.

Parque Aracano, Las Condes, Chile



New

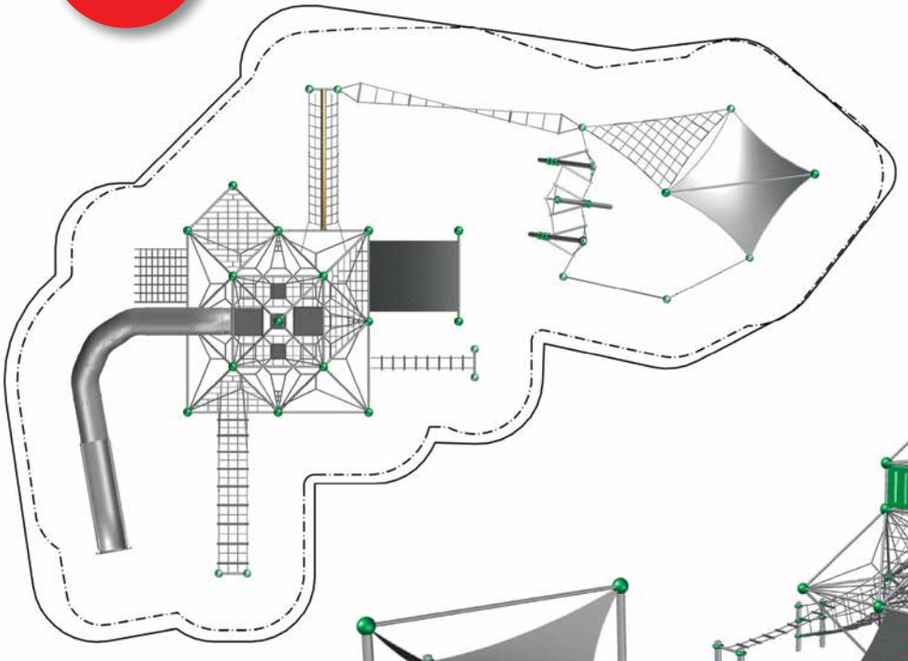
Rocky Run Park, Arlington, VA, USA

Arlington

90.180.291

	(m)	13,9 x 21,2 x 6,5
	('-")	45-8 x 69-6 x 21-2
	EN 1176 (m)	17,0 x 24,5
	ASTM/CSA(m)	18,0 x 25,3
	ASTM/CSA ('-")	58-11 x 82-9
	(m)	1,84
	('-")	6-1
		5

The large Neptun with fort and slide invite for airy adventures. But if staying closer to the ground is more your thing – a net wall, bridges, access nets, a rubber ramp and a low ropes course may offer equal pleasures. And after the fun workout, there is even a nice socializing high spot, elegantly covered in shade, waiting for you.



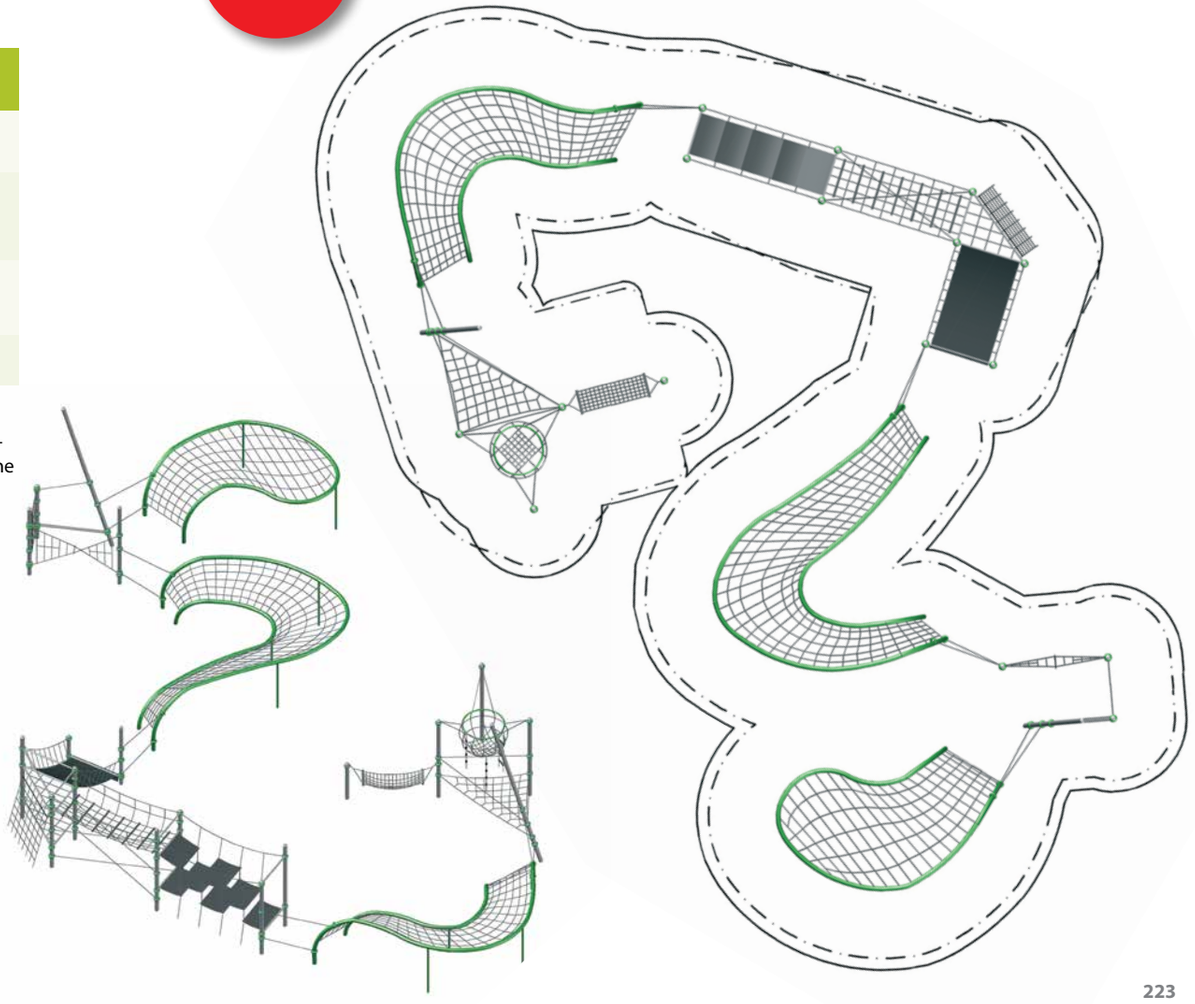
New

Metropolis

95.172.105

	(m)	19,3 x 25,8 x 6,1
	('-")	61-7 x 84-1 x 19-11
	EN 1176 (m)	22,9 x 29,4
	ASTM/CSA(m)	23,4 x 30,0
	ASTM/CSA ('-")	76-8 x 98-5
	(m)	2,40
	('-")	7-11
		5

Metropolis combines new elements from Twist & Shout with elements from Hodge-Podge, as well as bridges and nets from the Terranos range.

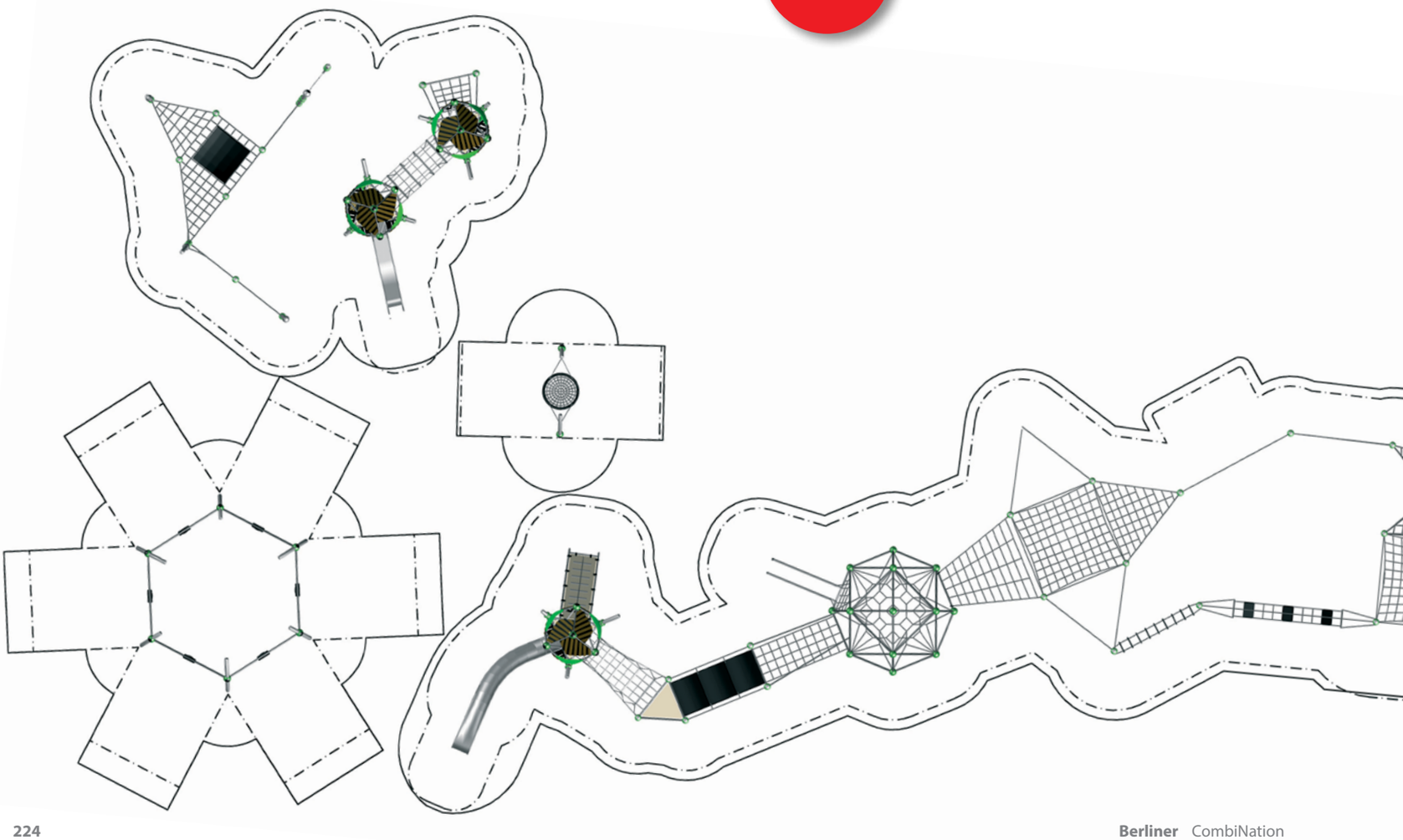


Berlin.08

90.180.347

	(m)	23,1 x 65,4 x 9,5
	('-")	75-8 x 214-7 x 31-0
	EN 1176 (m)	26,6 x 69,4
	ASTM/CSA(m)	27,7 x 70,6
	ASTM/CSA('-")	90-11 x 231-6
	(m)	2,90
	('-")	9-7
		5

New



Berlin.08
Climbing Paradise

In the north of Berlin in Freiheitsweg in the district of Reinickendorf there is a new climbing structure, which leaves no room for boredom. An area of more than 1500m² has been turned into a theme park for all generations.

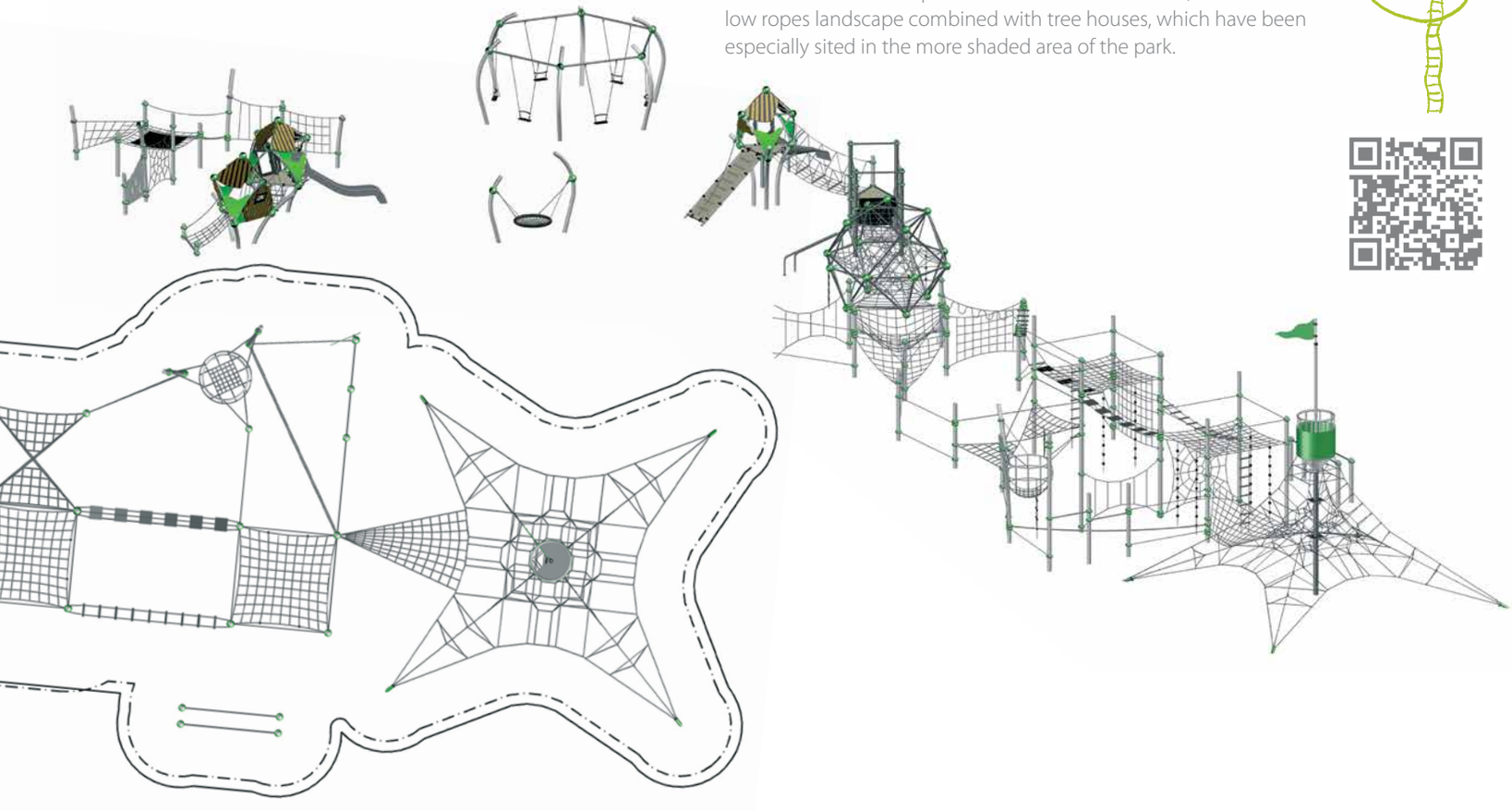
Alena Kniesche, who implemented this project in collaboration with the Reinickendorf District Authority and the Berliner Seilfabrik, has been completely successful in implementing this diverse construction project and in doing so, has taken account of the most varied of issues, such as creating new challenges, inclusive play, the under-3's and the neighbouring sports centre.

The District Authority supplied the basic idea for the large open area: they wanted a sort of course, something challenging, which would both be fun for adolescents and older children and would also attract smaller children. Ms Kniesche divided the play area in its outlines into two parts. This created an area for toddlers and another area, presenting challenges to the older children and adolescents over a vast climbing structure.

The town and country planner devised the climbing structure so that it is possible to go from one end of the playground to the other without touching the ground, by going up a nine metre high central tower overlooking the area, passing through a huge variety of climbing units, such as flat nets, climbing ropes, monkey bars, a loop rope or slack lines leading to another space net device, known as a space ball.

This space net device had been in place on the area for some years previously and led the cat burglars over a rope bridge to a field with rubber mats. "This part of the playground was still in such good condition that it could be kept exactly as it is," said Alena Kniesche. The modular system from the Berliner Seilfabrik allowed me to link the new units of the course on the one side and playhouses on the other side with the old equipment." The big 'face-to-face swing' with the arched posts offers seats for six "children" and possibly also gives the chance for a little rest before it leads back again across the course towards the central tower.

The area for the smaller children allows those who are not so experienced in swinging hand over hand and balancing, to find the self-confidence to practise for the first time. Here, there is a little low ropes landscape combined with tree houses, which have been especially sited in the more shaded area of the park.



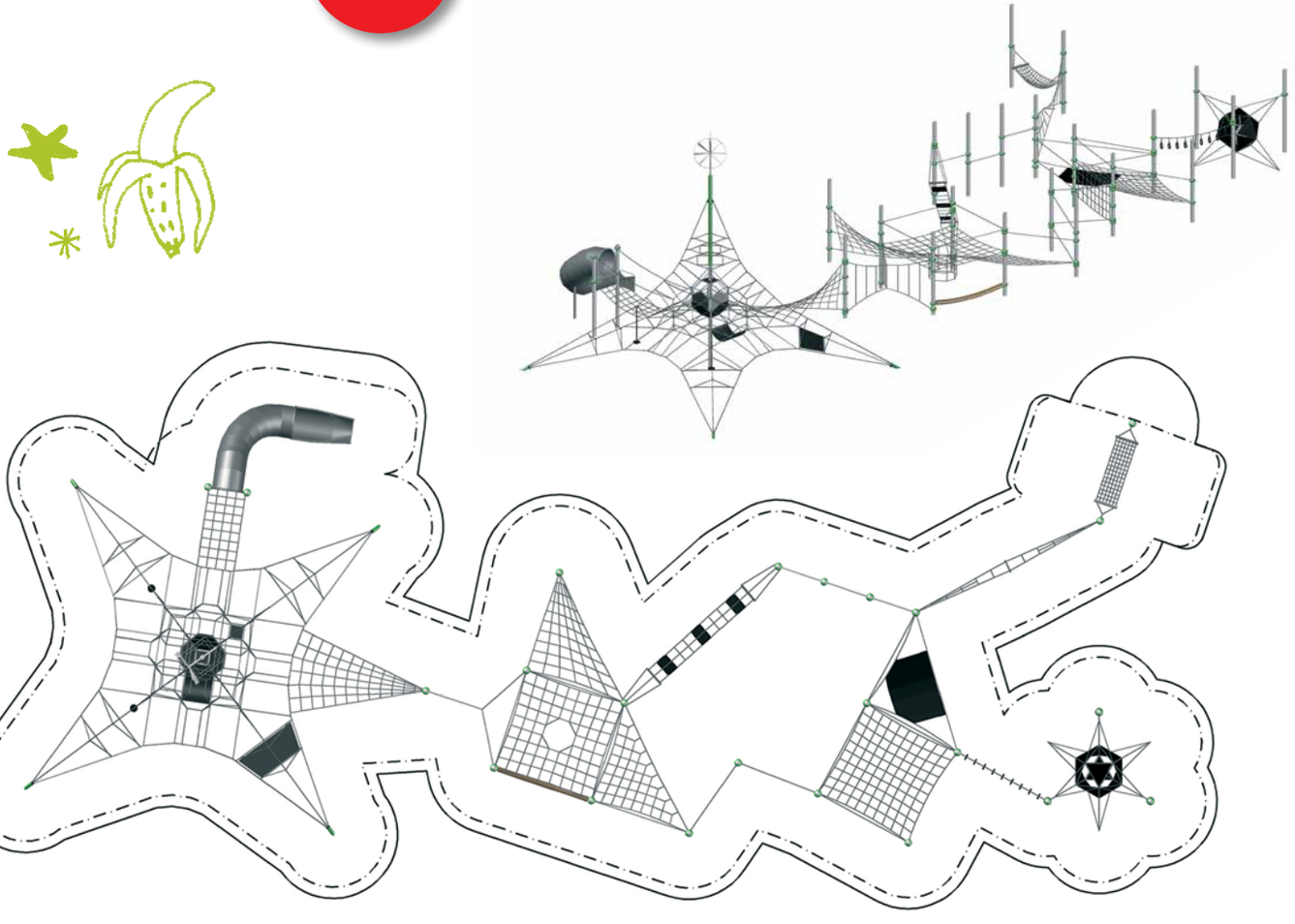
Walldorf

90.180.311

	(m)	33,0 x 13,0 x 8,7
	('-")	42-7 x 108-3 x 28-5
	EN 1176 (m)	15,5 x 36,4
	ASTM/CSA(m)	16,6 x 36,9
	ASTM/CSA('-")	54-2 x 121-1
	(m)	2,05
	('-")	6-9
		5

Large structure combining a low-level rope course with elements from the Tetragode and HodgePodge ranges. Its rudimentary appearance results from the colour choice. Rubber mats incorporated into the rope climbing web invite users to relax.

New



Berliner CombiNation

Berliner

Custom-made

Thanks to its modular design, our equipment can be combined in infinite ways. Such individualisation finds its highest expression in our custom-made projects. Berliner's Creative Centre, made up of more than ten architects, designers, landscape planners and engineers, will assist you in turning your ideas into reality. To help you visualise your ideas, we can produce high quality visual renderings prior to the construction phase. "Custom-made projects are always very special," explains Marius Kotte, head of the construction and development department. "We create something completely unique. It's often the case that the landscape for which the structure is designed ensures the design cannot be replicated elsewhere. In other cases, it's the history of the structure's location that ensures special results. For example, natural catastrophes spurred the creation of both the "Aventura" and "Margaret Mahy Family Playground" projects, both of which bring a breath of fresh air as well as children's laughter to the affected sites."

The **Büsum Crab**

The coast of Büsum has been the site of an extensive revamp and upgrade since 2012. When planning the revamp, particular attention was paid to families and children. The old individual pieces of play equipment scattered about the large area were to be replaced with a playground that would encourage the children to get active, stimulate their imaginations and appeal to the different senses. "The local authority of Büsum has invested in the play area (Perlebucht family lagoon) because children are the future of Büsum. The new play area offers children the chance to let off steam, dig in the sand and try out the different equipment such as the trampoline, climbing apparatus or slide," says Mayor Maik Schwartau.

The Büsum crab is situated in a slightly more sheltered place behind the green dunes. The Büsum crab – an omnipresent Büsum speciality, which is well-known amongst visitors – was the inspiration for the basic structure of our play area, which is supported by the red steel arches. The individual parts of the crab were then designated specific play areas: the jaws serve as a sand workshop, the house in the crab's body provides shelter from wind and weather and hides small surprises and games, the climbing tunnel in its stomach twist towards the core in a similar direction to the large slides and the tail of the crab also acts as a wide slide.

The local authority also pursued the need for inclusion when revamping Perlebucht. One important aspect during the planning phase therefore was creating play areas that could be used by all children. This is why wheelchair and pram-friendly access was developed, making it much easier for people to get to the play areas situated in sand and making individual play activities accessible to users with limited mobility.

Attention was also given to the concept of versatile usability when selecting the play elements. For example, special bucket seats were used in the swings instead of standard seats, a nest swing was erected, together with a wide, lower slide that could be used by more than one person at once, and a wheelchair accessible table was constructed in the sand pit. The circular path, which is secured with rubber matting, leads to each of the play spots and gives everyone the chance to share in the whole play experience.

"The new play area offers children the chance to let off steam, dig in the sand and try out the different equipment such as the trampoline, climbing apparatus or slide."

Situated right by the North Sea, the play area is regularly flooded. This is why only very resilient and durable materials could be used. All steel elements, if not made from V4A stainless steel, were powder coated after hot-dip galvanisation in order to provide strong corrosion protection. Wood in the base area was given stainless steel cleats and hardwearing plastic panels were used. The planners also attempted to minimise the number of sealed surfaces in the flooding zone. A number of ropes were also used, which were fully manufactured with stainless steel cores to provide better corrosionprotection.
(Hendrix, M., Seebauer, Wefers and Partner GbR, Playground@ Landscape)

Idea and concept: Seebauer, Wefers and Partner GbR

Medebach
Aventura

It has a shaky start at the foot of the Bromberg (old stone quarry). A large entrance net leads into a treehouse-like tower – and that's just the beginning, the beginning of what is probably Europe's longest public space climbing facility. At 168m long, a succession of wildly different tunnels and bridges, balance play elements and rubber mats snake their way through various towers towards the top of the mountain.

In Medebach, a holiday location in Sauerland which attracts walkers during the summer and skiers in winter, "Aventura – der SpielBerg" was officially unveiled at the end of September 2015. The planning for the construction of a large leisure facility began several years ago. The Kyrill storm caused substantial dam age in the area when it hit in 2007. The original concept for the clim bing facility was based around the elements water and air. The playground, like the wind that blows up the mountain or the water that flows down it, was designed to be on a slope. The project was realised by the Gasse |Schumacher| Schramm architect's firm in Paderborn in collaboration with Berliner Seilfabrik.

W hat is also notable is that certain elements were developed during the course of the project. New products conceived during

"Where the wind is sleeping."

the project are, am ong others, the towers. The highest is 7.8m high. The free fall height never exceeds the maximum of 3 metres. Inside there are nets that lead visitors to a long spiral tunnel slide. Another tower is eyecatching due to its special shape. Here you can admire the beautiful view from above on a lookout point net. These towers are encased in bamboo panels. Berliner Seilfabrik uses bamboo because it lasts longer than wood and, in addition, has a better environmental footprint. It is a grass which grows again after it has been harvested, as opposed to tree wood. Large spheres hang in two towers like cocoons between the posts. Plate-shaped netsprovide an access point. These elements should remain as transparent as possible, yet still safe and secure. That's why they were surrounded by close-mesh security nets. These were also used in one spot where a small gorge needed to be negotiated and where the classic suspension bridge leads over a rock face. Another particular challenge is the so-called chess board bridge. Square shaped rubber membranes are stretched between holding ropes. Children hop, rock around and relax here.

Almost 36 tonnes of steel was delivered to the construction site. Of the almost 100 posts that were used, the heaviest weighed 450kg on its own. During the test drilling carried out in the preliminary stages, solid rock was encountered near the surface. When digging the foundations for the facility, it turned out to be softer shale. The foundation work for the posts needed to be re-evaluated in the manufacturing process.

New levels were created on the surfaces where the towers and platforms stand. Wood chips were given the thumbs-up as the fall protection of choice, as they blend into the natural surroundings in terms of colour and ensure a safe fall. A genuine fall protection alternative for the slopes is turf. It integrates into the landscape seamlessly as it is a natural element, and will transform into a flower meadow in the course of time, without losing any of its fall protection qualities. The gradient of the slope is approximately 21 percent with significant variations at different parts of the ascent.

Elstal
Karl`s Climbing Silos

Just in time for spring and therefore the start of the amusement park season, Karl's Erlebnis-Dorf (Adventure Village) opens new playgrounds at various locations. One of them in Elstal close to Berlin and in Zirkow on Rügen. The two new play structures in Elstal und Zirkow are especially spectacular and possibly record-breaking. Karl's Climbing Silos are 13.2 metre high twin climbing towers with a 130 m^3 size net inside and a slide of almost 17m length, which takes the summiteers back to the ground.

The landscape architect in charge, Ute Hoffmann, Bürogemeinschaft Stadt- und Dorfplanung, describes: "The idea for Karl's climbing silo developed in our Karl planning group from various requirements. On the one hand, we wanted to establish something unique for the older kids as well, as we all have children of our own, who have partially "outgrown" the normal playgrounds for kids. My own sons for example are 12 and 14 years old." A net is the perfect base for this. Climbing in a three-dimensional room challenges and encourages the kids, their psychomotor abilities and their three-dimensional imaginative power. The rope is the suitable playmate. It reacts to the movement of the kids. Every step and each grip offers movement.

She then explained: "The further challenge was to create a great attraction on a little space. The existing 12m high firefighting water tank was to be included thematically. As we like to integrate common village structures in Karl's Adventure Villages, we invented the design of the twin silo towers. The Climbing Silo was to look as if it were still under construction and therefore very airy. This increases the height adventure for the kids and the guests on the Hof terraces are fully entertained while watching the kids. The transparent design has been implemented very well with the choice of the material and the color of the ropes. Except for the outer skeleton, made of steel posts and steel rings, only different rope attachments were to be used. This also turned out very well and makes the climbing experience unique. Especially in Elstal we were also able to include a further, higher located gastronomic terrace through a tunnel".

Marius Kotte, architect at the Berlin Seilfabrik (Rope Factory) and head of the construction and development department, explicitly names the height of the device as a special challenge: "We had to make sure that it was possible to connect the parts without big measuring tolerances, as the net does not allow much measure deviation. Here, however, it was already the tolerances of the pipe supplier that gave us a headache, as this was already at +- 50mm with the 13m long poles. Due to the length of the posts, a mounting by simply positioning and screwing together was not possible. In addition, this kind of net has never been built before. For the net, connecting details between the tightening ball and the poles had to be developed. The net is hung in a "swimming" position; this means that the upper balls are brought into position by guy ropes. Here, too, a deviation from the system measures was not allowed.", said Marius Kotte.

"Concerning the slide, the difficulty was to manage the run in such a way, that the net tunnel was bypassed and the required space for the landing did not exceed the existing area and the maximum permitted incline was adhered to. For this reason, the slide has a sharp bend in it after passing the tunnel. The last piece has an incline of almost 40° (usual are 30-35°). The real goal of the climbing adventure is the tube slide, which fits perfectly into the complete picture with its rusty look!" says Ute Hoffmann.

Marius Kotte explained: "This rusty look of the poles developed without additional work all by itself and naturally and is only on the surface. On simple steel, so-called flash rust builds up rather quickly. This really only makes clothes dirty, nothing more. In order to avoid corrosion in the foundation, an epoxy coating was applied, as the vulnerability for rust is extremely high in this place. We also increased the maintenance intervals. The poles have a thicker walling than they statically need in order to be definitely on the safe side regarding this aspect. The rusty look of the slide, which is really made from stainless steel, is achieved through a foil that is wetted with metal particles. These particles also build flash rust and make the slide look old". At the opening, which took place on the scheduled date, in the middle of March, the kids took over command and took the climbing tower by storm. And Mrs. Hoffmann is enthusiastic, too: "We think that Karl´s Climbing Silo is very well-done and was implemented by the Berlin Seilfabrik in a unique way with no look-alike. It fits really well into our playing concept".

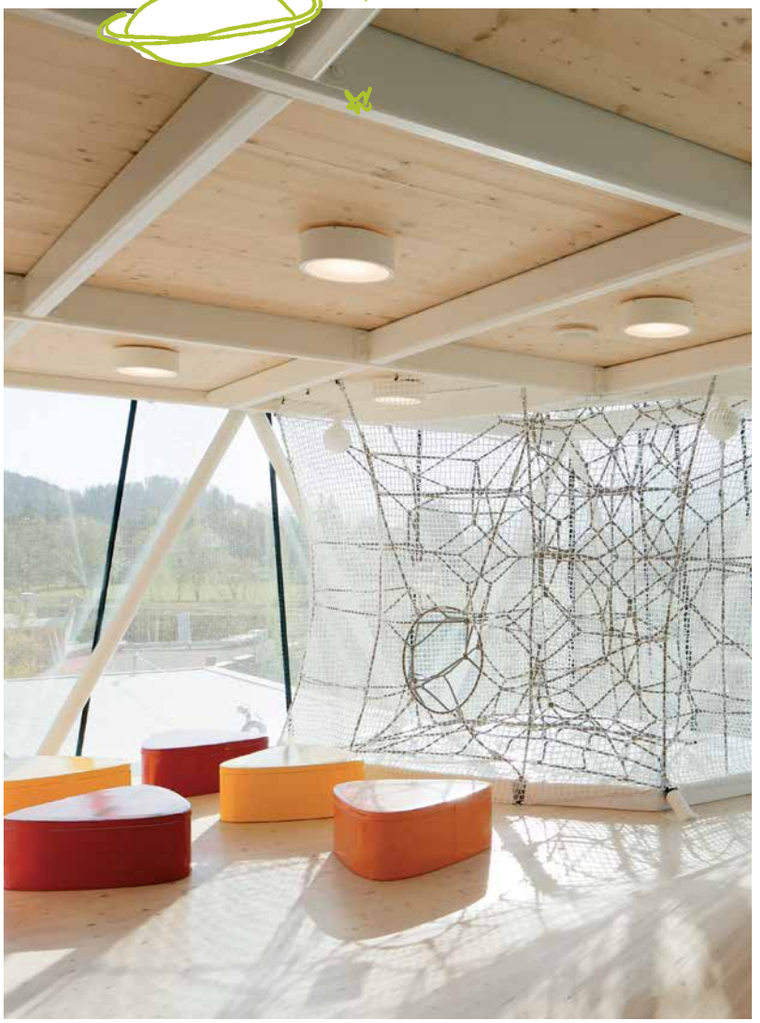
"We wanted to establish something unique for the older kids as well."

Wattens
Swarovski Kristallwelten

The Swarovski Crystal Worlds are one of Austria's most visited tourist attractions. Nestled amid a gorgeous scenery, the 7.5 hectares landscape park is situated close to Swarovski's headquarters in Wattens. With a total investment of 34 million euros, the amusement park was considerably expanded in the last few months. Besides the crystalline park landscape, the expansion of the family and children areas takes centre stage. This also applies to the play tower – a four-storey playhouse made of glass.

The largest play structure inside the glass tower is a 97m3 spatial net. It covers four floors and is integrated directly into the building. It is the largest spatial net ever installed inside a building and it accommodates up to 120 children. Berliner Seilfabrik was commissioned with the implementation.

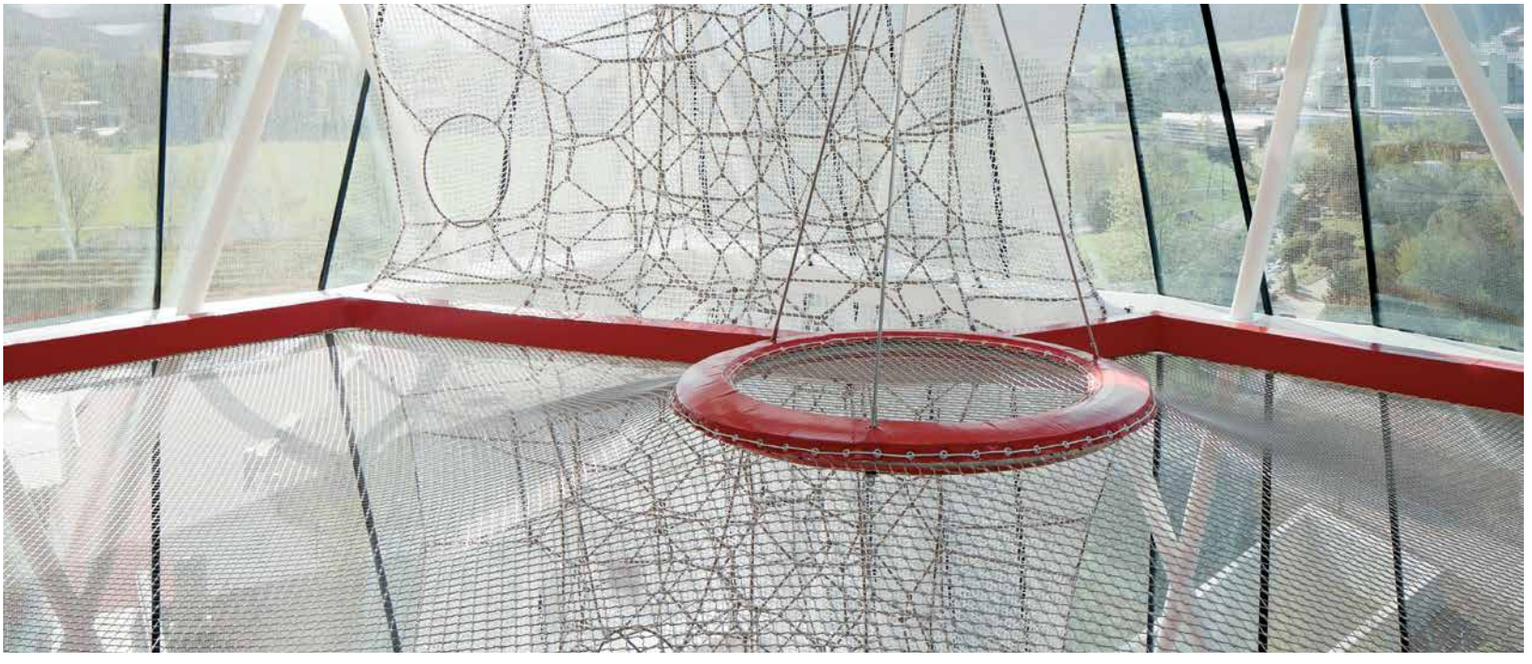
With a class rope-based play structure the net is tensioned equally via symmetrically arranged tensioning points. During the building's planning phase in steel construction, openings for a future spatial net had been considered. Those posed a particular challenge to Berliner Seilfabrik's experts as the openings were not symmetric in keeping with the play tower's design. For more than 40 years the company has been manufacturing playground equipment including three-dimensional nets, experience that has now paid off.



"Second best on the list '16 of the Coolest Playgrounds in the World' "

The huge spatial net's main tensioning points are attached to the openings provided in the steel framework via Berliner's Astem TT tensioning system. Special ropes, tailored to the building, are attached to the spatial net's sides and between the wood pit lining in the ceiling, as well as the windows' side between the steel construction. This required a great deal of customization and presented a particularly interesting challenge. In spite of a detailed preparation including a 3D-planing the project could not have been realized without an on-site operation of specialists of Berliner Seilfabrik. To make sure that maximum safety standards and persistence is provided, ropes had to be mounted individually.

Mental Floss, a magazine (and website) that presents facts, lists, stats and information, recently named Swarovski Crystal Worlds on its list of "16 of the Coolest Playgrounds in the World." To be specific, it was listed as #2 with Berliner's very own Neptune Park as #1 (>Page 119).



Christchurch
Margaret Mahy Family Playground

The Margaret Mahy Family Playground in Christchurch was built after the major earthquake that struck New Zealand in February 2011, which affected Christchurch in particular. The project was meaningful for all those involved, but in particular for the area's inhabitants and visitors to the playground.

The earthquake struck the city centre with great force, requiring the entire city to be planned afresh. The playground forms part of a park, located centrally so as to ensure the return of laughter to the very heart of the city, not to mention bringing the city's inhabitants together once more. After the earthquake, the park's construction was given priority by the authorities, it being one of their first large-scale projects.

The detailed planning phase from early 2013 to mid-2015 included a playground design competition held among schools in the Canterbury region. Entries to this competition helped inspire the final design as drawn up by Berliner Seilfabrik.

One of the greatest challenges facing the team at Berliner's Creative Centre was to procure reliable topographical data from the park designers on the ground, since the creation of artificial hills was envisaged as part of the park's landscape. To this end, playground concepts were created, based on which preliminary drafts were then drawn up and offered. With the completion of landscape modelling, the entire site was surveyed. The resulting three-dimensional data set was used by Berliner Seilfabrik to create a virtual site. Based on this, the play structure was conceived, manufactured and installed on site with the utmost precision. By allowing for this extraordinary set of circumstances, the various play elements could be erected on a site that was not flat, but hilly.

The first section of the playground was inaugurated in December 2015 and met with great success. The large custom-made net, stretched across two enormous masts, is currently the main attraction. With the opening of the second section in spring 2016, this playground will become one of the largest and most modern in the southern hemisphere, while nevertheless retaining its sense of place. The playground's layout is based on Canterbury's four main natural habitats: "The Forest", "The Wetlands", "The Plains" and "Coastal". The playground's second section will be characterised by a gigantic tower combination designed and built by Berliner Seilfabrik. The structure consists of three large towers enabling children to climb up to eight metres above ground level. A spectacular spiral slide transports children from the top back down to ground level. Each tower is enhanced by bamboo panels, which has led to their being included in Berliner's Greenville Towers & Triis product range (> Page 25).

Foto: © CERA Christchurch MMFP

Technology & **Design**

All play equipment in the Berliner Seilfabrik range has one thing in common: High loading capacity is reached via the combination of careful material selection and the right dimensions of all components. All load bearing elements of our Frameworx-system are corrosion resistant. The tubes are treated with a zinc-epoxy procedure and the knots and and straps for ropes and panels are comprised of aluminium (which is inherently corrosion resistant). The ropes have been manufactured using materials with proven durability under extreme weather conditions and high play frequency.

Our equipment has been awarded several prizes due to design and functionability. In 2016 Berliner Seilfabrik won again (after 2013) the 'red dot design award' for superior design quality.

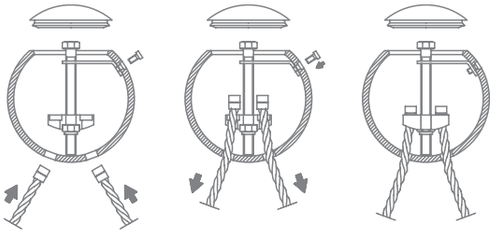
All equipment manufactured by Berliner Seilfabrik has a certificate and is branded with the TÜV Mark label. The relevant standards, EN 1176, ASTM F1487 and CSA Z614 have been adhered to and guarantee maximum safety.

Even the toughest equipement shows wear and tear after years of use. This however is no limitation of Berliner Seilfabrik equipment. We are able to replace the oldest of net structures (even the first from 1971)! Our spare part guarantee ensures the durability of all play equipment, even after 50 years.

"Our spare part guarantee ensures the durability of all play equipment, even after 50 years."

Aluminium spheres

On the outside 85% recycled aluminium, on the inside our spatial net tensioning system, AstemTT, sealed with a durable hard rubber cap. The aluminium spheres are sandblasted and solvent-free powder coated, protecting against corrosion. Here pictured in a matte grey aluminium (RAL 9007). But you may choose any colour.

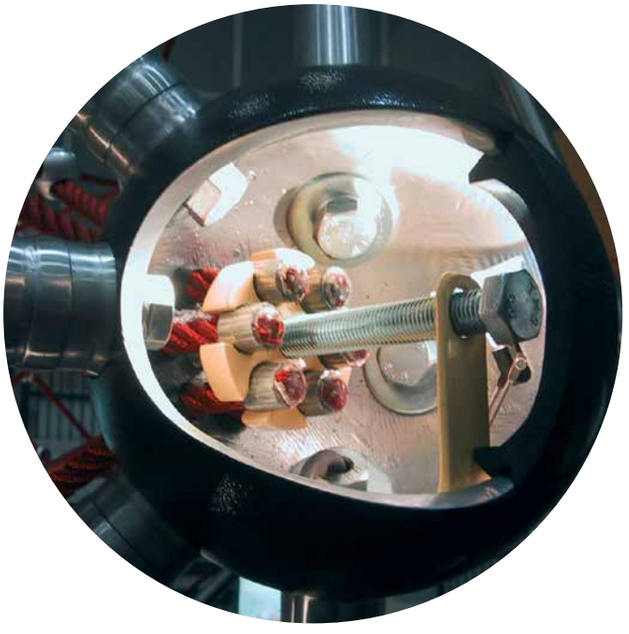


It has always been our aim to create our sophisticated products under the main constraints of design and safety, without compromising function and stability. Hence, in early 2002 we introduced a new tensioning mechanism, AstemTT. After a successful trial period we have adopted this rope tensioning technology as the standard across the entire Univers Net structures range.

Aside from the intelligent mechanism and harmonious integration into the Frameworx structure, AstemTT simplifies installation. The spatial net can be tensioned evenly across the entire structure. Furthermore, all tensioning mechanisms are contained within closed spheres, making them inaccessible for users.

In order to ensure the children's safety during free play on our structures, all technical connection elements have been banned from the play zone. Our patented tensioning system contains eyelets, loops, thimbles and hooks inside of the aluminium spheres.

It goes without saying, that thanks to our tensioning system the net can be tensioned particularly easily and evenly.



"In order to ensure the children's safety during free play on our structures."

Maintenance & **Service**

"Our comprehensive service accompanies you across all of the stages of the development of your individual playground".

All Berliner Seilfabrik equipment requires little maintainence and involves virtually no follow-up costs. Thanks to its robust construction, the equipment is extremely durable. Therefore we guarantee our products for a period of up to 10 years. Refer to our general terms of business for further information.

High-quality cars have to be inspected regularly, the same applies to high-quality play equipment in order to guarantee ongoing safety. For this purpose, our staff and authorised retailers are trained in the specific maintenance requirements of our equipement. We shall be glad to provide you with any information regarding our maintenance service. Our economical maintenance contract guarantees the durability of our equipment and the safety of children.

We always have time for our customers. Our comprehensive service accompanies you across all of the stages of the development of your individual playground, from the first plan to the maintainance of the completed structure. Our extensive experience assists you in planning and creating your ideal play landscape. We design your playground to encompass your ideas and plans with optimal safety and maximum play value.

Expert mouting and maintenance is carried out by our trained staff or authorised retailer. Our comprehensive, illustrated mounting instuctions allow simple self assembly. If required, we are more than glad to assist you with selfmounting If any problems arise, we will find the solution.

Installation hotline: on workdays from 7a.m. – 3 p.m.
+49.(0)172.8 41 76 89

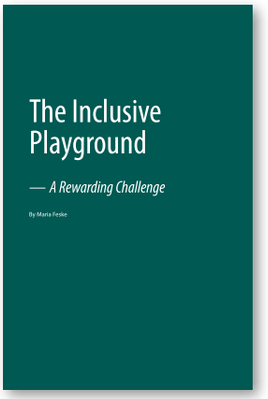
The **Inclusive Playground**

Inclusive play spaces, accessibility, inclusive play; these words typically bring to mind an image of a child in a wheelchair. Playgrounds surrounded by sand, with many high edges and without ramps, are simply inaccessible to such a child. And even if suitable play equipment is available, this child must rely on constant support. However, accessibility is only a small part of what really makes a playground inclusive.
Inclusive play spaces are actually quite varied and their design considers human diversity. They do more than merely compensate for "deficits."

Creating the ideal inclusive play space requires a wide range of play and usage options. When planning, you need to take into account all types of abilities, physical and mental, as well as developmental. The space should enable different sensory experiences and provide motor challenges in different gradations. This way, your design will address as many different capabilities as possible. Offer large and small, younger and older users alike the opportunity to pursue and build on their personal interests, skills, and strengths. Enable children to embrace and experience their commonalities and differences as autonomously as possible and in close proximity.

In this way, a playground can be a meeting place, space where people – children and their parents or caregivers – can learn from and with each other. Side by side, they compensate for or overcome social and structural barriers.

Maria Feske, Bachelor of Arts in psychology and nationally certified occupational therapist with many years of experience works as a consultant for Berliner Seilfabrik concerning the design and construction of inclusive playgrounds.



"A Handbook to Inclusive Play Spaces", appearing in collaboration with Mrs Feske in 2015, provides resources and guidelines on how to create inclusive playgrounds.

The handbook can be ordered by sending an email to info@berliner-seilfabrik.com or via our website. The book considers the various limitations and requirements when it comes to designing and constructing play equipment for inclusive play spaces.

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reddot design award winner 2008

reddot design award winner 2013

reddot award 2016 winner

German Design Award WINNER

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IPEMA INTERNATIONAL PLAY EQUIPMENT MANUFACTURERS ASSOCIATION MEMBER

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