

# Polygodes





# Berliner Seilfabrik

## Play equipment for life

This slogan means a lot to us! It defines how we work and construct playgrounds. In the almost 50 years in which we have been dealing with playground equipment, we have built up an extensive product range with creative ideas and industry expertise. We offer unforgettable, fascinating designs for all types of play, whether indoors or outdoors.



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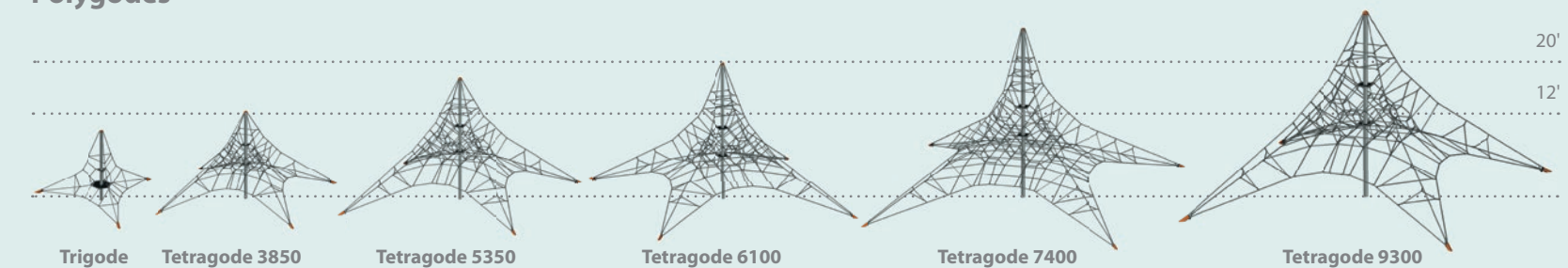


# Central Mast Play Structures **Polygodes**

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 Tetragode & Trigode consist of two 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.

## Polygodes



Measuring up to 30'-6" 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.



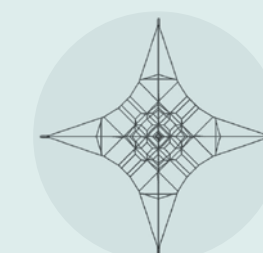
Cloverleaf ring: creating a secure intersection between two ropes while allowing each rope to be replaced independently, thereby ensuring the spatial net requires minimal maintenance.



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.



Four-way tensioning gives Tetragodes its classic look.











With its three anchor points, the single-mast Trigode is the entry-level model of spatial nets.



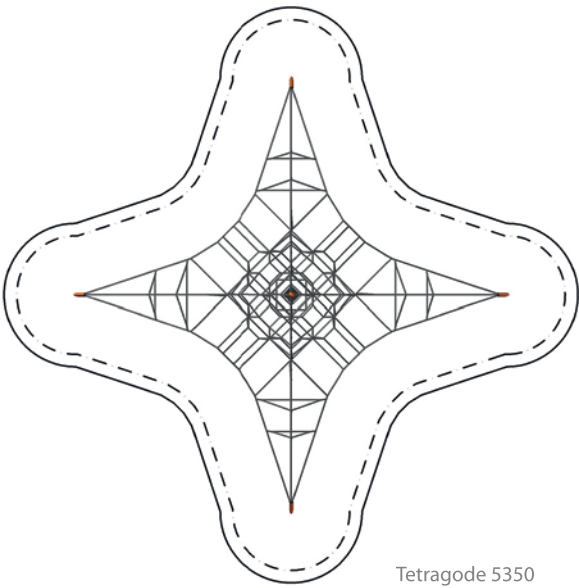


### Tetragode 5350

#### 712.000.5350

	(m)	8,2 x 8,2 x 5,5
	('"-)	26-10 x 26-10 x 17-9
	EN 1176 (m)	11,2 x 11,2
	ASTM/CSA(m)	11,9 x 11,9
	ASTM/CSA ('"-)	38-10 x 38-10
	EN 1176 (m)	1,35
	ASTM/CSA ('"-)	6-0
		5-12

Büsum, Germany











Tetragode 5350

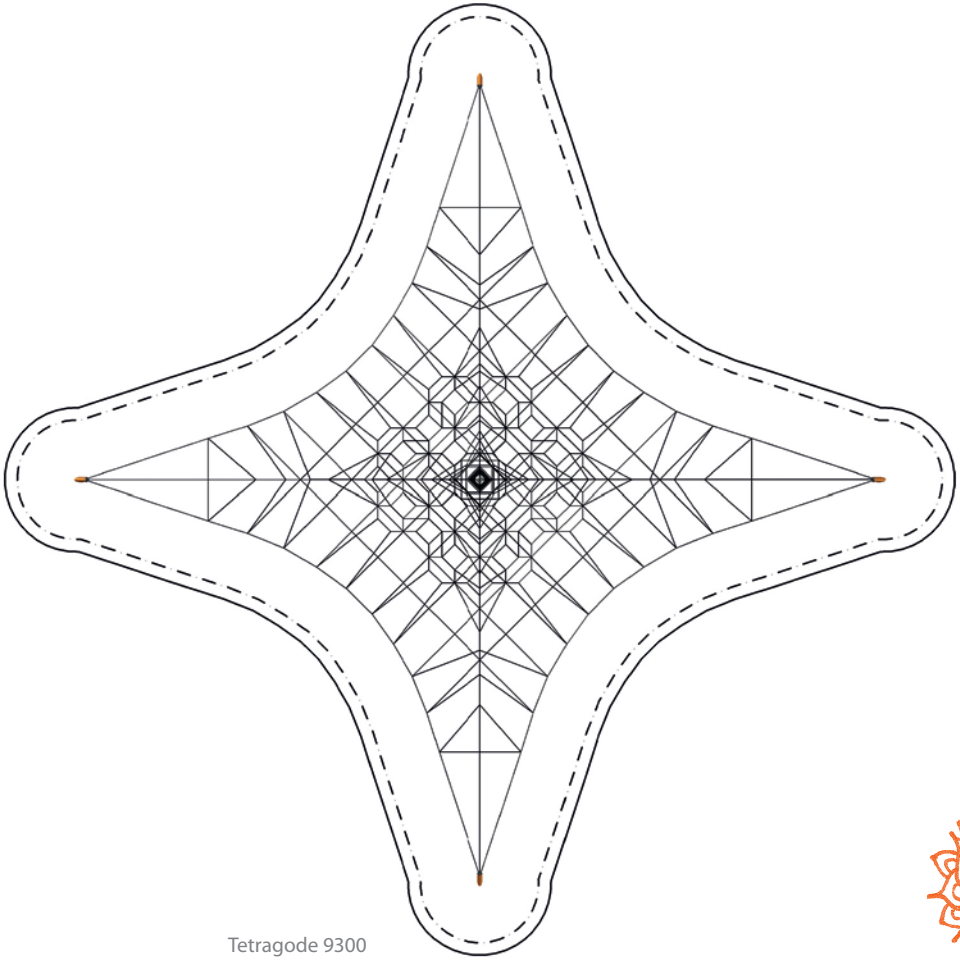


### Tetragode 9300

#### 712.000.9300

	(m)	15,3 x 15,3 x 9,4
	('"-)	49-11 x 49-11 x 30-10
	EN 1176 (m)	18,3 x 18,3
	ASTM/CSA(m)	18,9 x 18,9
	ASTM/CSA ('"-)	62-0 x 62-0
	EN 1176 (m)	2,4
	ASTM/CSA ('"-)	7-11
		5-12

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.











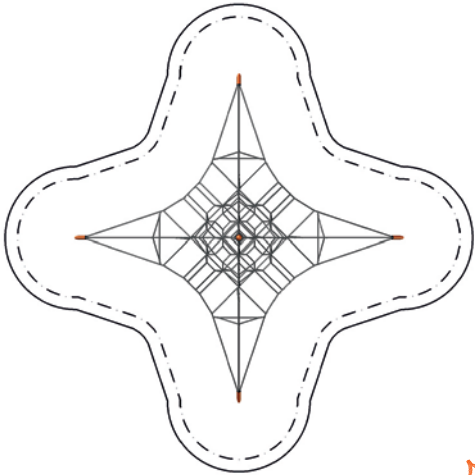
Tetragode 9300



### Tetragode 3850









#### 712.000.3850

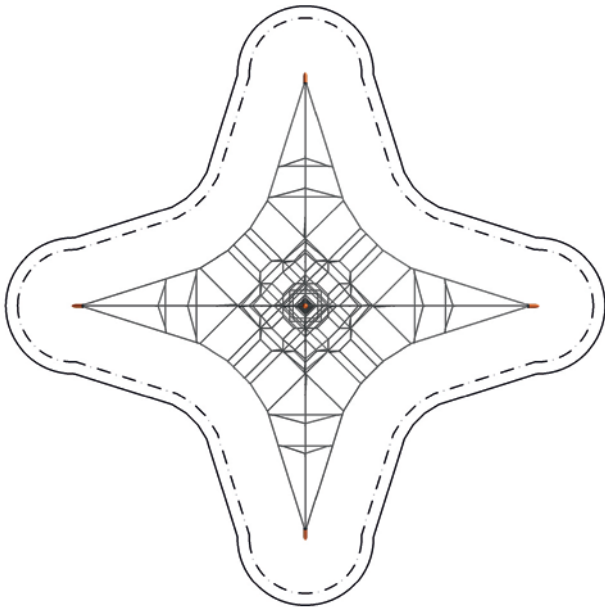
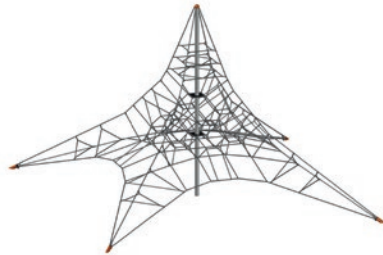
	(m)	6,2 x 6,2 x 4,0
	('"-)	20-3 x 20-3 x 12-10
	EN 1176 (m)	9,2 x 9,2
	ASTM/CSA(m)	9,9 x 9,9
	ASTM/CSA ('"-)	32-4 x 32-4
	EN 1176 (m)	1,0
	ASTM/CSA ('"-)	6-0
		2-12



### Tetragode 6100

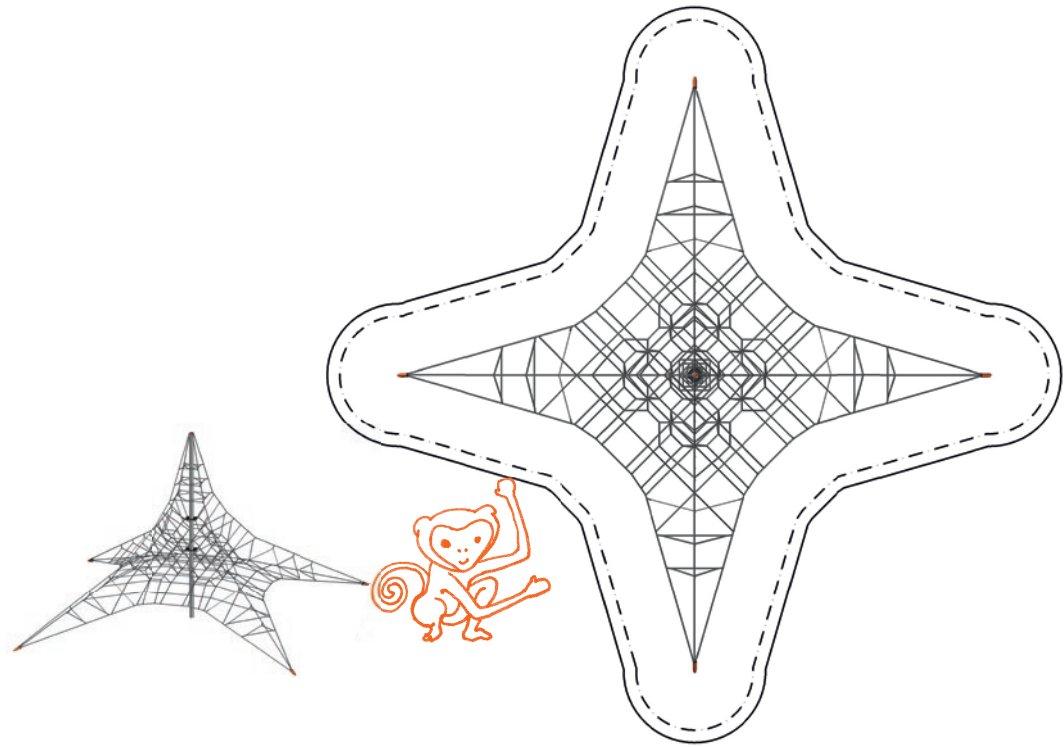
#### 712.000.6100

	(m)	9,2 x 9,2 x 6,2
	('"-)	30-1 x 30-1 x 20-1
	EN 1176 (m)	12,2 x 12,2
	ASTM/CSA(m)	12,9 x 12,9
	ASTM/CSA ('"-)	42-2 x 42-2
	EN 1176 (m)	2,0
	ASTM/CSA ('"-)	6-7
		5-12



Klagenfurt, Austria



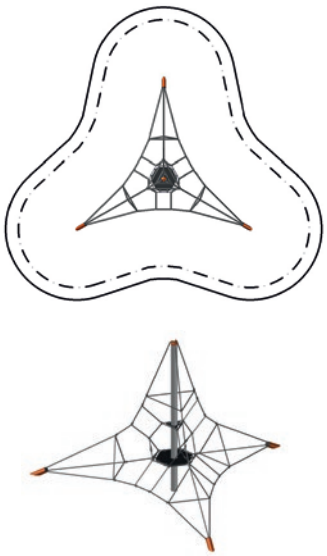


# Trigode 2900

712.000.2901

	(m) ('-")	4,7 x 4,1 x 3,0 13-4 x 15-5 x 9-10
	EN 1176 (m) ASTM/CSA (m) ASTM/CSA ('-")	7,7 x 7,1 8,4 x 7,8 27-5 x 25-4
	EN 1176 (m) ASTM/CSA ('-")	1,7 6-0
		2-12

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



## Add-on Components for Polygodes

A number of add-ons offer 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. A few examples of our add-on components can be seen here.



**Crow's Nest**  
The command center 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-catching, colorful 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.



# Tetragode 7461

712.000.7461.003

(m) 15,8 x 23,4 x 10,5  
('-") 76-8 x 51-9 x 34-2

EN 1176 (m) 18,8 x 26,4  
ASTM/CSA(m) 19,5 x 27,0  
ASTM/CSA ('-") 63-9 x 88-8

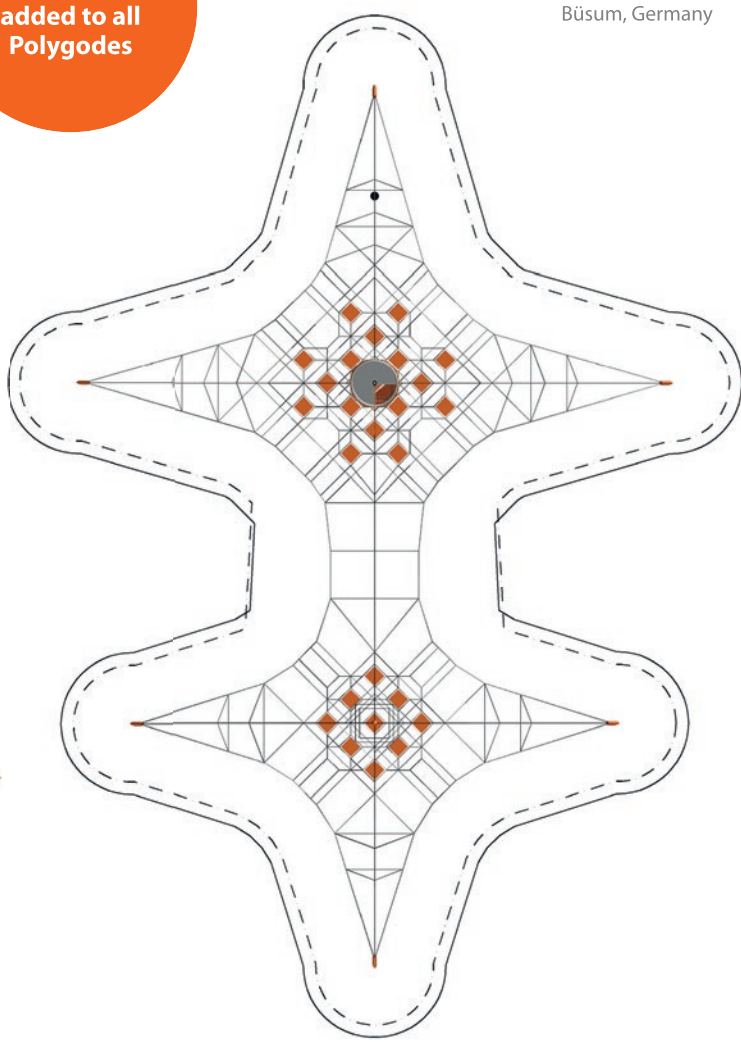
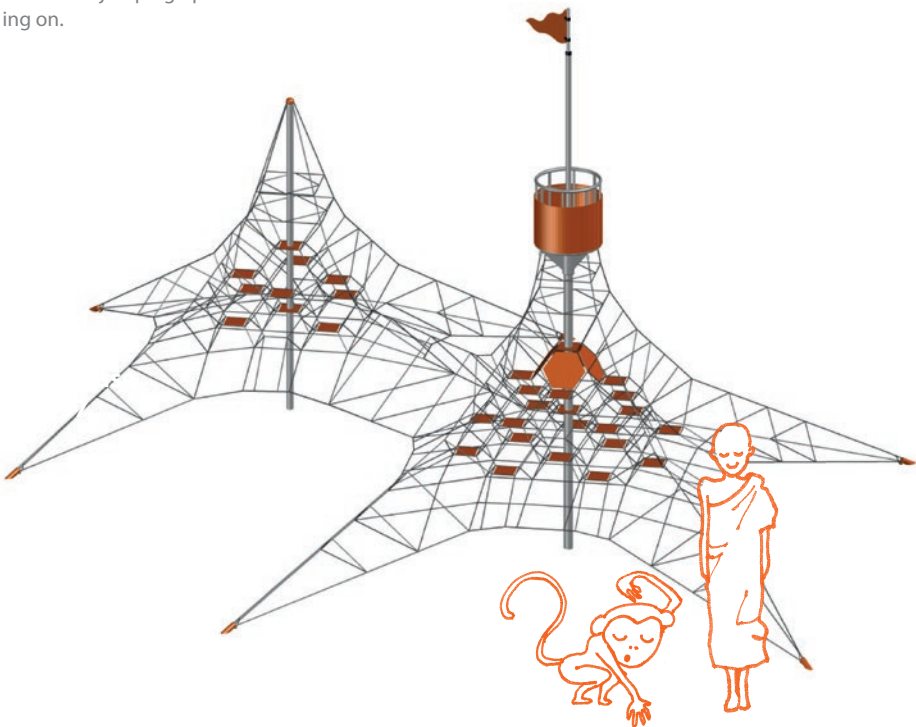
EN 1176 (m) 2,14  
ASTM/CSA ('-") 7-1

5-12



HDPE-  
Panels can be  
added to all  
Polygodes

Our central mast play structures can be directly interconnected in one of our Tetra-  
gode 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 man-  
ner, creating a unique playscape complete  
with rubber membranes which children  
can't resist jumping up and down or relax-  
ing on.



Büsum, Germany

# Tetragode 3852

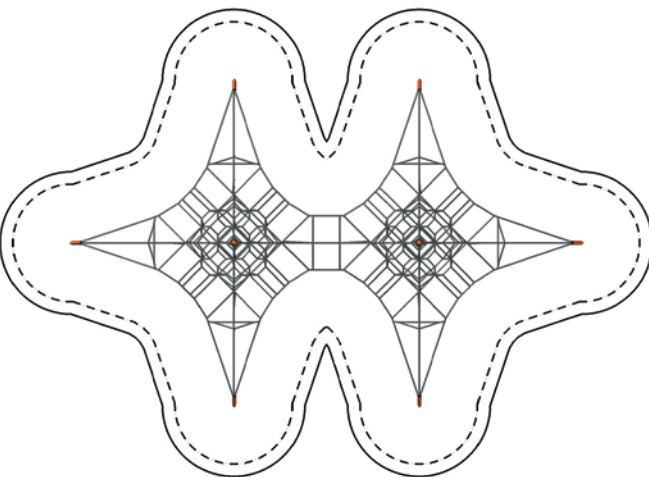
712.000.3852

(m) 8,7 x 13,6 x 4,0  
('-") 28-7 x 44-7 x 12-10

EN 1176 (m) 16,6 x 11,7  
ASTM/CSA(m) 12,4 x 17,3  
ASTM/CSA ('-") 40-7 x 56-7

EN 1176 (m) 1,21  
ASTM/CSA ('-") 6-0

2-12



# Tetragode 3854

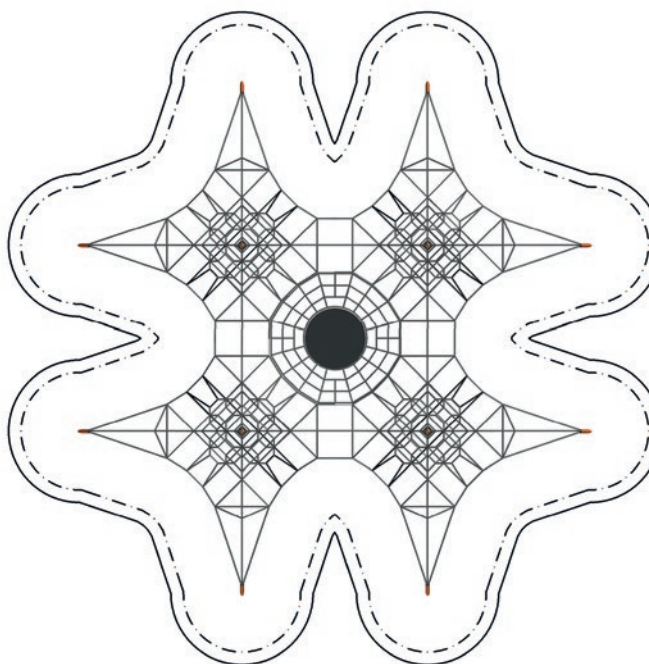
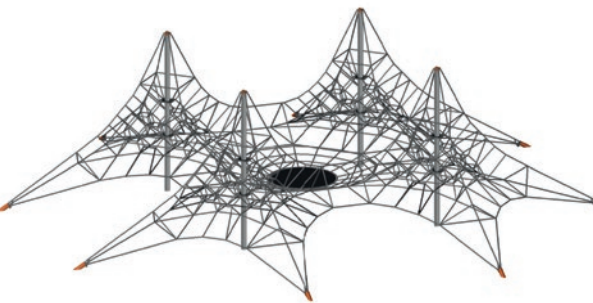
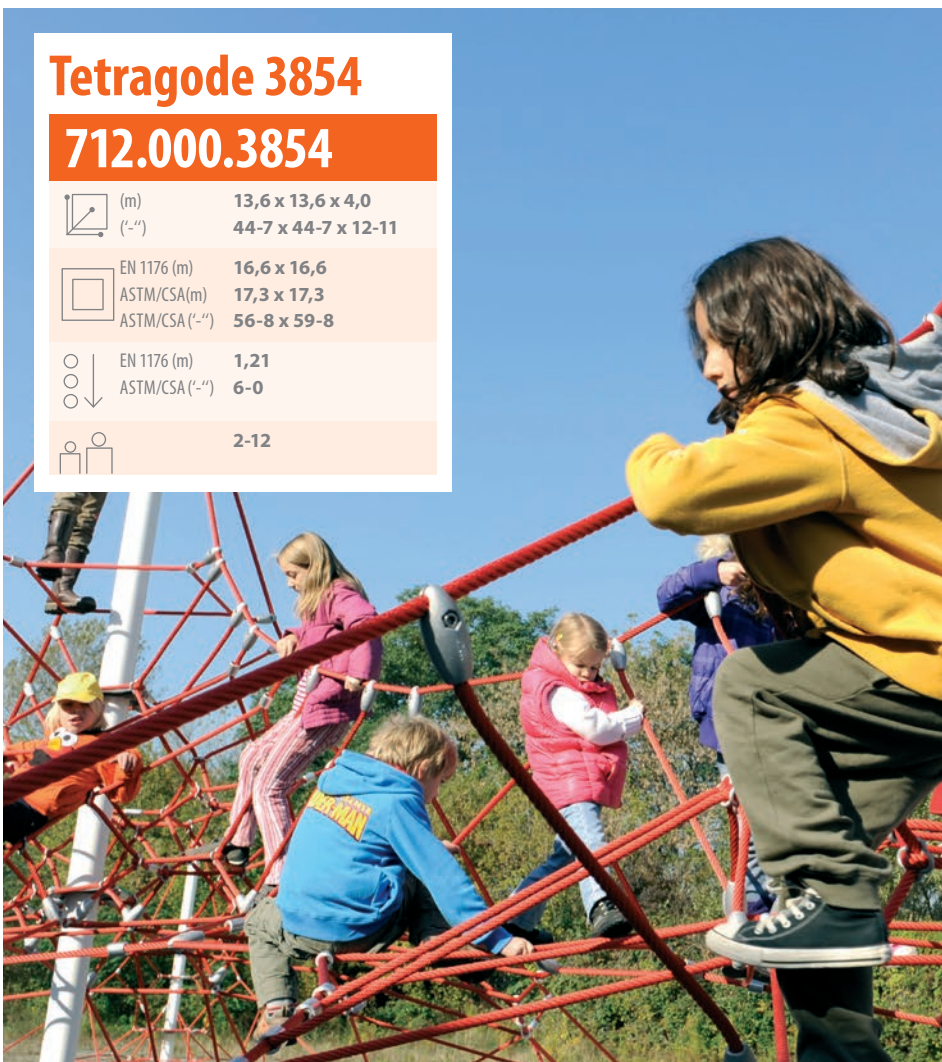
712.000.3854

(m) 13,6 x 13,6 x 4,0  
('-") 44-7 x 44-7 x 12-11

EN 1176 (m) 16,6 x 16,6  
ASTM/CSA(m) 17,3 x 17,3  
ASTM/CSA ('-") 56-8 x 59-8

EN 1176 (m) 1,21  
ASTM/CSA ('-") 6-0

2-12

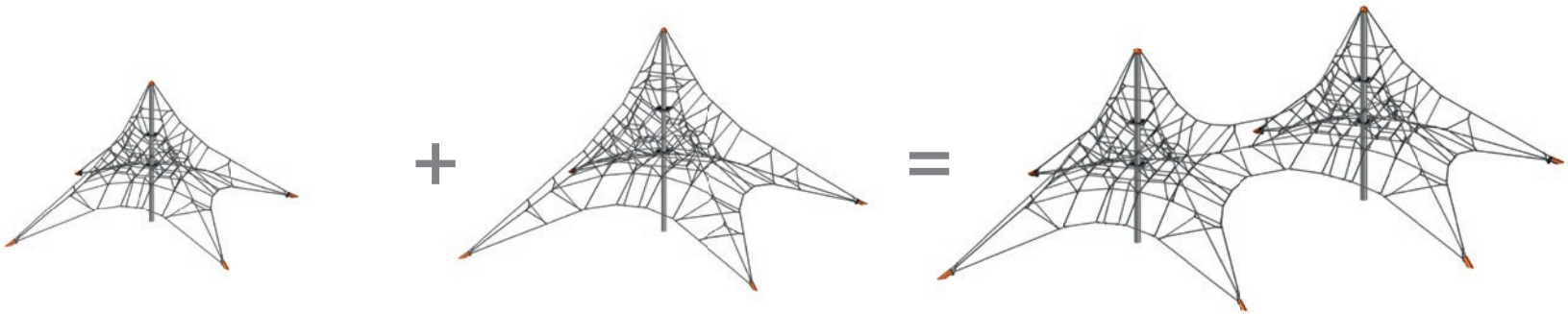




Expansion Possibilities

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?



Berlin, Germany

Basic Colors of Ropes

Available for Standard 5/8" and 3/4" Rope		Blue
		Lilac
		Bordeaux
		Red
		Orange
		Yellow
		Lime
		Green
		Olive green
		Beige
		Silver
		Black
		Salamander
		Moose
		Los Netzos
		Tempelhof

Notice

All plan views within the catalog are shown with a scale of 1:200. Details of the product photos, technical plan views and 3D renderings may vary from the descriptions provided. All data is subject to technical changes and misprints. States requirements for age groups may vary, please check local guidelines.

Published: September 2019

Design Colors of Tubes and Posts (matte finish)

	RAL 9017 Traffic black
	RAL 9010 Pure white
	RAL 9007 Grey aluminum
	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
	RAL DS 120 70 75 Limette

Classic Colors of Tubes and Posts (glossy finish)

	RAL 9006 White aluminum
	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

Colors of HDPE-Panels (3/4")

	Red
	Black
	Blue
	Green
	Yellow
	White
	Lilac
	Orange

Product Name

Item Number

Capacity

	(m) ('-")	Dimensions (l x w x h)
	EN 1176 (m) ASTM/CSA(m) ASTM/CSA ('-")	Minimum Space Required
	EN 1176 (m) ASTM/CSA ('-")	Max. Fall Height
		Recommended Age Group





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