

# Polygodes

## Tetragode 7461 Product Specification



Published: September 2019

### Tetragode 7461

















It goes without saying that all our central masts make ideal stand-alone play structures – but if space permits, why not expand? 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.

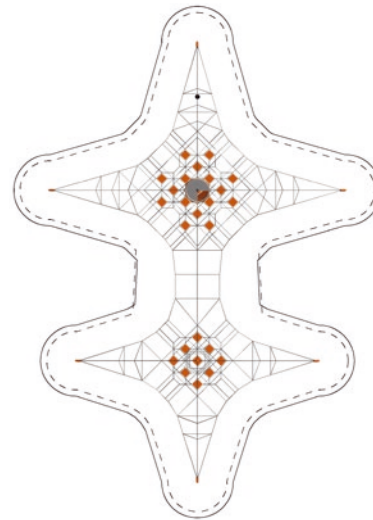
The Tetragode 7461 is a combination of the Tetragode 6100 and 7400 with crow's nest. One anchor point on each Tetragode is replaced by a rope crossover section that joins it to the neighboring mast structure. Four masts can be combined in this manner, creating a unique play-scape complete with rubber membranes which children can't resist bouncing up and down or relaxing on.

# Tetragode 7461

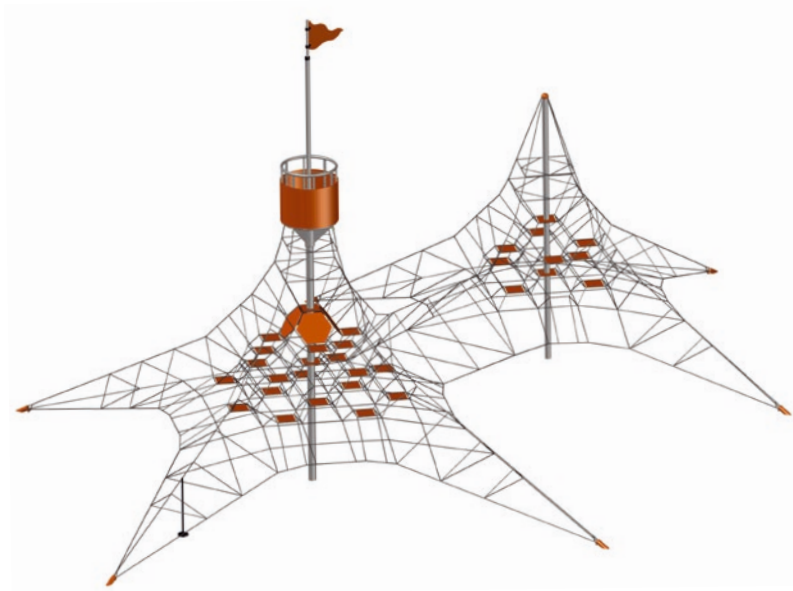
Published: September 2019

## 712.000.7461.003

	Product Family	<b>Polygodes</b>
	Length x Width x Height (m) Length x Width x Height ("")	<b>15,8 x 23,4 x 10,5</b> <b>76-8 x 51-9 x 34-2</b>
	Protective Surfacing Area acc. to DIN EN 1176 (m) Protective Surfacing Area acc. to ASTM/CSA (m) Protective Surfacing Area acc. to ASTM/CSA ("")	<b>18,8 x 26,4</b> <b>19,5 x 27,0</b> <b>63-9 x 88-8</b>
	Fall Height acc. to EN 1176 (m) Fall Height acc. to ASTM/CSA ("")	<b>2,14</b> <b>7-1</b>
	Age	<b>5-12</b>
	Minimum Space required acc. to DIN EN 1176 (m <sup>2</sup> ) Minimum Space required acc. to ASTM 1487 (ft <sup>2</sup> )	<b>220</b> <b>2,682.9</b>
	Number of Foundations	<b>8</b>
	Concrete Volume C20/C25 (ft <sup>3</sup> )	<b>543.8</b>
	Number of skilled Installers required	<b>4</b>
	Installation Time without Foundation	<b>16 hours</b>
	Dimensions of largest Part ("")	<b>Ø 0-7 x 25-7</b>
	Weight of heaviest Part (lbs)	<b>551</b>
	Shipping Volume (ft <sup>3</sup> )	<b>On request</b>
	Total Weight (lbs)	<b>On request</b>
	Spare Part Guarantee	<b>Lifelong</b>
	Certified acc. to EN 1176	<b>No.: Z2 010256 0285</b>



Scale 1:400



## Technical Data

The following text can also be used for tenders.

### Central mast climbing structure:

A sixfold suspended climbing net with suspension cables (rope diameter Ø 1 3/16") including a spatial net (rope diameter Ø 1 1/4") and two central steel masts. The tensioning devices with encapsulated clamping system are mounted on the surface of the outer foundations.

### Central masts:

The central masts are made of galvanized steel and have a diameter of Ø 5" and Ø 6 5/8". Powdercoating is also available.

### Outer clamping points:

Steel posts Ø 4" on steel plates 31" x 11 13/16" x 1 5/32"; anti-corrosion treatment and color finish: sandblasting and solvent-free epoxy-/ polyester-process.

### Center supporting points:

Steel posts Ø 3 1/2" and Ø 5 1/2" on steel base plates 19 11/16" x 19 11/16" x 1 5/32", anti-corrosion treatment and color finish: sandblasting and solvent-free epoxy-/ polyester-process.

### Ropes:

U-Rope®-round strand ropes with galvanized and covered wires: external strands with non-abrasive UV-resistant polyester-yarn (no polypropylene).

### Spatial net:

Rope crossing points are localized with durable, forged aluminum-alloy cloverleaf rings, aluminum-alloy ball-knots, T-connectors and barrel-ferrule (no plastic connections); in situ-replaceable rope strands.

### Rubber membrane:

The Rubber membrane is comprised of durable, vandal-resistant conveyor belt material.

### Crows nest:

Made of stainless steel components, Frameworx®-tube rings, Ø 2 3/8", 1 3/32" junction plates (material AISI304 (DIN 1.4301)). Flagpole with a 3/4" HDPE flag.

### Platform:

A 3/4" thick HPL platform with a HDPE wall (thickness also 3/4"). All connection elements made of stainless steel.