

# Polygodes

## Trigode 2900 Product Specification



















Published: September 2019

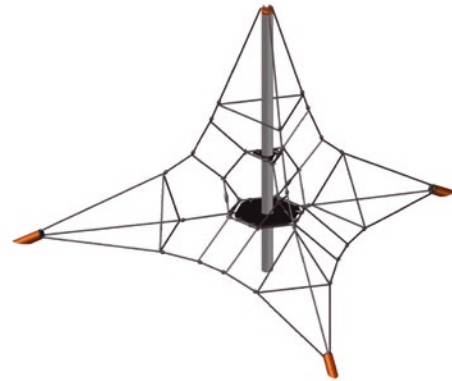
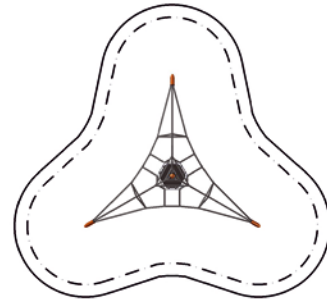
### Trigode 2900

Our Polygodes are available in different basic forms (Pentagode, Tetragode, Trigode), each varying in its number of anchor points. The Tetragode and Trigode models exhibit classic, architecturally influenced lines. The Trigode extends from the central mast outwards in

three directions to create its play space. With its three anchor points, the single-model provides an introduction to the exciting sensory world of spatial nets. The top of the Trigode 2900 is at 9'-10".

## 712.000.2901

|   |  |  |
|---|--|--|
|    | Product Family   | <b>Polygodes</b>   |
|    | Length x Width x Height (m)<br>Length x Width x Height ("")  | <b>4,7 x 4,1 x 3,0</b><br><b>13-4 x 15-5 x 9-10</b>        |
|    | Protective Surfacing Area acc. to DIN EN 1176 (m)<br>Protective Surfacing Area acc. to ASTM/CSA (m)<br>Protective Surfacing Area acc. to ASTM/CSA ("") | <b>7,7 x 7,1</b><br><b>8,4 x 7,8</b><br><b>27-5 x 25-4</b> |
|    | Fall Height acc. to EN 1176 (m)<br>Fall Height acc. to ASTM/CSA ("")   | <b>1,70</b><br><b>6-0</b>                                  |
|    | Age  | <b>2-12</b>  |
|    | Minimum Space required acc. to DIN EN 1176 (m <sup>2</sup> )<br>Minimum Space required acc. to ASTM 1487 (ft <sup>2</sup> )                            | <b>32.72</b><br><b>438.42</b>                              |
|    | Number of Foundations  | <b>4</b>   |
|    | Concrete Volume C20/C25 (ft <sup>3</sup> )   | <b>63.6</b>  |
|    | Number of skilled Installers required  | <b>2</b>   |
|    | Installation Time without Foundation   | <b>8 hours</b>   |
|    | Dimensions of largest Part ("")  | <b>Ø 0-5 x 10-6</b>  |
|   | Weight of heaviest Part (lbs)  | <b>176</b>   |
|  | Shipping Volume (ft <sup>3</sup> )   | <b>63.6</b>  |
|  | Total Weight (lbs)   | <b>650.4</b>   |
|  | Spare Part Guarantee   | <b>Lifelong</b>  |
|  | Certified acc. to EN 1176  | <b>No.: Z2 010256 0285</b>                                 |



### Technical Data

The following text can also be used for tenders.

#### Central mast climbing structure:

A threefold suspended climbing net with suspension cables (rope diameter Ø 1<sup>3</sup>/<sub>16</sub>" ) including a spatial net (rope diameter Ø 1<sup>1</sup>/<sub>16</sub>" ) and a central steel mast. The tensioning devices with encapsulated clamping system are mounted on the surface of the outer foundations.

#### Central mast:

The central mast is made of galvanized steel and has a diameter of Ø 5". Powdercoating is also available.

#### Outer clamping points:

Steel posts Ø 4" on steel plates 31" x 11<sup>3</sup>/<sub>16</sub>" x 1<sup>5</sup>/<sub>32</sub>" ; anti-corrosion treatment and color finish: sandblasting and solvent-free epoxy-/ polyester-process.

#### Center supporting point:

Steel post Ø 3 1/2" on steel base plate 19 1<sup>1</sup>/<sub>16</sub>" x 19 1<sup>1</sup>/<sub>16</sub>" x 1<sup>5</sup>/<sub>32</sub>" , 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.