

# Univers

## Cubiron M Product Specifications



Published: May 2021
















### Cubiron M

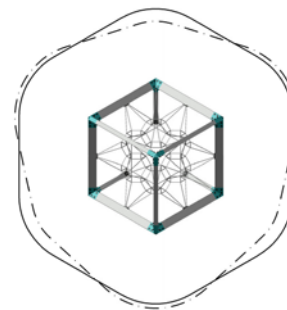
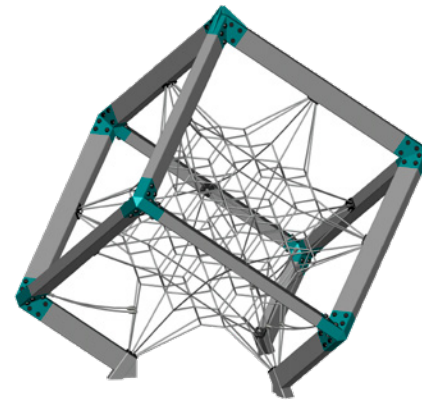
Cubiron is an innovation from Berliner Seilfabrik in the area of rope play equipment with spatial nets and combines futuristic design with maximum play value. The outer frame made of steel not only ensures highest stability and maximum durability but gives the new play sculpture its industrial and modern appearance, suitable for every environment.

The spatial net inside Cubiron – a classic feature of playground design – offers children plenty of fun and developmental possibilities when climbing by promoting psychomotor skills and three-dimensional imagination.

The tensioning system is encapsulated inside the steel beams. All sharp-edged and technical connection elements have been banned from the play area in order to ensure the children's safety during free play on Cubiron. Of course, the net can be tensioned particularly easily and evenly.

## 90.100.043.5

 Product Family	<b>Univers</b>
 Length x Width x Height (m) Length x Width x Height ("")	<b>4,2 x 3,6 x 3,8</b> <b>13-7 x 11-9 x 12-4</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>7,6 x 7,5</b> <b>7,8 x 7,3</b> <b>25-7 x 23-9</b>
 Fall Height acc. to EN 1176 (m) Fall Height acc. to ASTM/CSA ("")	<b>2,17</b> <b>7-2</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>42.7</b> <b>483.3</b>
 Number of Foundations	<b>3</b>
 Concrete Volume C20/C25 (ft <sup>3</sup> )	<b>77.7</b>
 Number of skilled Installers required	<b>3</b>
 Installation Time without Foundation	<b>8 hours</b>
 Dimensions of largest Part ("")	<b>6-7 x 1-0 x 0-8</b>
 Weight of heaviest Part (lbs)	<b>145.5</b>
 Shipping Volume (ft <sup>3</sup> )	<b>282.5</b>
 Total Weight (lbs)	<b>On request</b>
 Spare Part Guarantee	<b>Lifelong</b>



### Technical Data

Technical changes are reserved. The following text can also be used for tenders.

#### Beams & corner connectors:

The tensioning beams made of 8 1<sup>1</sup>/<sub>16</sub>" x 4 3<sup>3</sup>/<sub>4</sub>" steel rectangular profiles with a wall thickness of 1<sup>1</sup>/<sub>4</sub>" are bolted to the corner connectors, also made of steel, via insertion plates.

#### Tensioning system:

The integrated Frameworkx® spanning containers are equipped with the internal, patented Astem TT® tensioning system and securely closed with durable HDPE caps.

**Beams and corner connectors are thermally galvanized to protect against corrosion and powder-coated in color using a solvent-free epoxy-polyester-process.**

#### Ropes:

The U-Rope® with strand cores and rope core made of galvanized wires has outer strands which are covered with highly abrasion-resistant and highly UV-resistant polyester yarn (not polypropylene). The rope diameter is Ø 1<sup>1</sup>/<sub>16</sub>".

#### Spatial net:

The net structure is fixed at the rope crossing points by durable cloverleaf rings made of aluminum (no plastic). Due to the individually replaceable rope strands spatial nets are low in follow-up costs.