

# Quadrifol.03

Univers



Published: August 2023

## Quadrifol.03
















### Product Specification

The Quadrifol is a net climber where the spatial net is suspended within a cupola. Bursts of energetic climbing, spinning, sliding, and dangling interspersed with areas perfect for hitting the pause button – the flubber pods give children an opportunity to rest and recharge. Climbing in spatial nets is challenging and stimulates 3D-thinking and the psychomotor skills of children. Users have the freedom to move in any direction they choose. Of course, the Chess Board Arc is an exciting challenge for those who want to jump and sway!

The Duck Jibe excites all types of surfers. The Banister allows a quick way down. The simple, yet elegant, structure of the Quadrifol is easy to install and low-maintenance.



71.133.003

	Product Family	Univers
	Length × Width × Height (m) Length × Width × Height ("")	13,8 × 11,6 × 3,8 45-2 × 38-1 × 12-4
	Protective Surfacing Area acc. to DIN EN 1176 (m) Protective Surfacing Area acc. to ASTM/CSA (m) Protective Surfacing Area acc. to ASTM/CSA ("")	16,8 × 14,6 17,5 × 15,3 57-2 × 50-1
	Fall Height acc. to EN 1176 (m) Fall Height acc. to ASTM/CSA ("")	2,90 9-7
	Age	5-12
	Minimum Space required acc. to DIN EN 1176 (m²) Minimum Space required acc. to ASTM 1487 (ft²)	138,6 1600,9
	Number of Foundations	26
	Concrete Volume C20/C25 (m³) Concrete Volume C20/C25 (ft³)	13,2 470
	Number of skilled Installers required	3
	Installation Time without Foundation	16 hours
	Dimensions of largest Part (m) Dimensions of largest Part ("")	4,3 × 1,8 × 0,14 14-2 × 5-11 × 0-6
	Weight of heaviest Part (kg) Weight of heaviest Part (lbs)	150 330
	Shipping Volume (m³) Shipping Volume (ft³)	19 670
	Total Weight (kg) Total Weight (lbs)	3700 8200
	Spare Part Guarantee	Lifelong

The dimensions of the equipment and protective surfacing area have been rounded up to one decimal digit.

## Technical Data

Technical changes are reserved.

The following text can also be used for tenders.

### Bent Tubes:

Bent steel post Ø 133 mm (5 1/4"). Anti-corrosion treatment and color finish: sandblasting and solvent-free epoxy-/ polyester-process.

### Spheres:

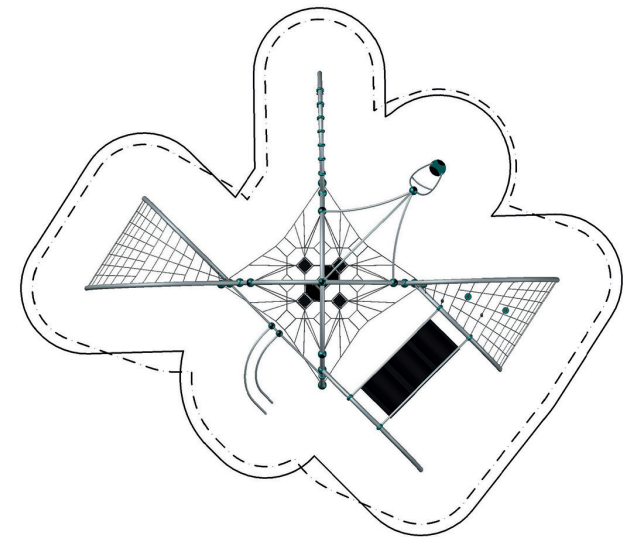
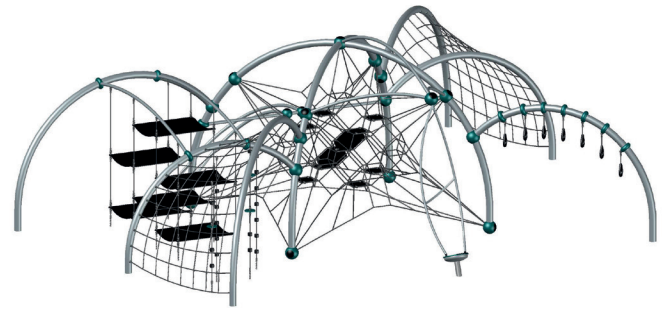
Frameworkx®-aluminum ball connectors, Ø 250 mm (9-13/16"). Anti-corrosion treatment and color finish: sandblasting and solvent-free epoxy-/ polyester-process. The tensioning ball incorporates an AstemTT® net tensioning system. Securely closed with durable EPDM-caps.

### Terranos®-Clamps:

Two-part cast aluminum connecting clamps for the height-adjustable connection of rope elements or steel pipes to Terranos® steel posts. Anti-corrosion treatment and color finish: sandblasting and solvent-free epoxy-/ polyester-process.

### Curved Banister:

Frameworkx®- curved stainless steel pipes Ø 60,3 mm (2 3/8"). Connected to the main structure with 2 Frameworkx®- aluminum ball connectors Ø 200mm (7 9/10") with embedded fastening system.



### Rubber Membrane:

Rubber membrane comprised of durable, vandal-resistant conveyor belt material. Thickness approx. 9 mm (3/8").

### Duck Jibe:

Curved Frameworkx®- stainless steel pipes Ø 42,4 mm (1 1/4"). Lubricated, antifriction reciprocal bearings, connected to the main framework with a thick-walled Frameworkx®-aluminum ball connector, Ø 250mm (9-13/16"). The standing platform is comprised of grained HDPE, 19 mm thick. The turning bearing construction located in the ground consists of Frameworkx® stainless steel pipe retainers.

### Net Arc:

Rope Ø 16 mm (5/8"): mesh size minimum 250 x 250 mm (9 4/5"). Rope crossing points localized by durable, drop forged aluminum ballknots (no plastic). Net attachment to the tubes with Charlotte-Connector.

### Charlotte Connector:

Internal fastening system for single rope endings at the arch tubes. The fixing works without hooks or visible ferrules, pre-prepared net segments can easily get fixed permanent but replaceable inside the tubes.

### Climbing Ropes:

Rope Ø 18 mm (13/16") with durable ebonite cylinders. Distance between cylinders approx. 300 mm (11 13/16"). The ebonite cylinders are fixed to the rope with aluminum ferrules.

### Rocking Plates:

HDPE-disks Ø 200 m, milled from 19 mm (3/4") HDPE panels. The edges are rounded.