Vario

Vario M.05 Product Specifications

Published: March 2022

Vario M.05

Let Vario be the highlight of your playground. This investment involves no major planning, delivery is fast and installation straightforward. All tensioning points are based on the AstemTT® system to ensure that no technical connecting elements or thimbles are located in the play space.

The framework of the Vario makes this three-dimensional rope play structure expandable! Depending on your needs and budget, a slide, a access net and banister can be connected. Vario is fully ASTM F1487 compliant and is listed on the IPEMA Webpage.

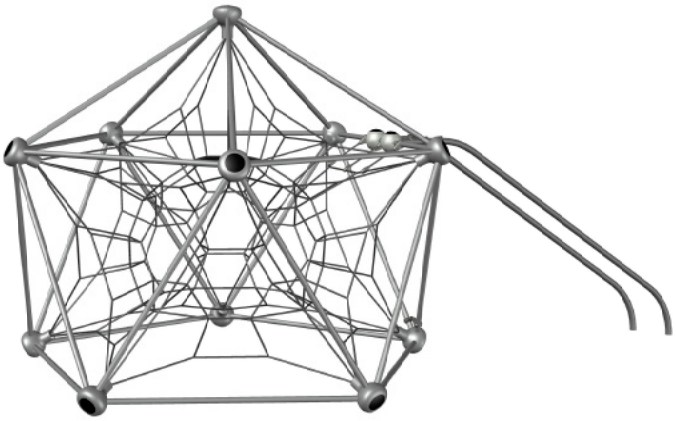
Vario M.05

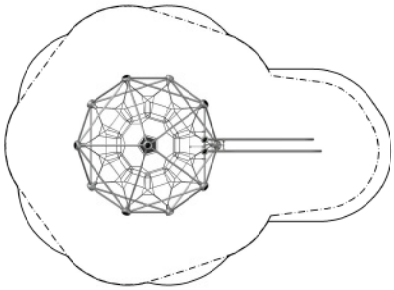
Published: March 2022

70.300.135.005

Product Family	**CombiNation**
Length x Width x Height (m) Length x Width x Height ('-'')	**6,6 x 3,8 x 3,2** **21-7 x 12-3 x 10-6**
Protective Surfacing Area acc. to DIN EN 1176 (m) Protective Surfacing Area acc. to ASTM/CSA (m) Protective Surfacing Area acc. to ASTM/CSA ('-'')	**9,9 x 7,4** **10,3 x 7,4** **33-7 x 24-3**
Fall Height acc. to EN 1176 (m) Fall Height acc. to ASTM/CSA ('-'')	**1,98** **6-6**
Age	**5-12**
Minimum Space required acc. to DIN EN 1176 (m^2) Minimum Space required acc. to ASTM 1487 (ft^2)	**On request** **576**
Ground Anchor Plates (28" below level) Concrete Foundations	**5** **1**
Concrete Volume C20/C25 (ft^3)	**7.7**
Number of skilled Installers required	**2**
Installation Time without Foundation	**5 hours**
Dimensions of largest Part ('-'')	**3-11 x 2-8 x 4-5**
Weight of heaviest Part (lbs)	**199**
Shipping Volume (ft^3)	**On request**
Total Weight (lbs)	**On request**
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.

Tubes:
The steel tubes of the framework have a diameter of Ø 1 ⅞" with a wall thickness of ⅛" and Ø 2 ⅜" with 1/16".

Nodes:
The aluminum cast nodes are all equipped with an centred internal single point tensioning system. Also they are securely closed with durable EPDM caps.

Balls:
The aluminum balls for the attachment of the Banister with a diameter of Ø 7 ⅞" are securely closed with durable EPDM caps.

Tubes, Nodes, and Balls are sandblasted and powder coated in color using an epoxy-polyester stoving process and partially galvanized.

Ropes:
U-Rope®-round strand ropes with galvanized steel cores and a diameter of Ø ⅝". The external strands are covered with high abrasion-resistant and UV-resistant polyester-yarn (no Polypropylene).

Spatial Net:
The net structures are fixed at the rope crossing points by durable aluminum parts such as cloverleaf ring, forged ball knot, T-connectors and barrel-ferrule (no plastic). Spatial nets are low in follow-up costs due to individually replaceable rope strands.

Rubber Mat:
The rubber mat of the Vario consist of durable and vandalism-proof conveyor belt.

Banister:
The straight and parallel stainless steel tubes with a diameter of Ø 2 ⅜" and a wall thickness of ⅛" are connected to the main frame via aluminum balls.