

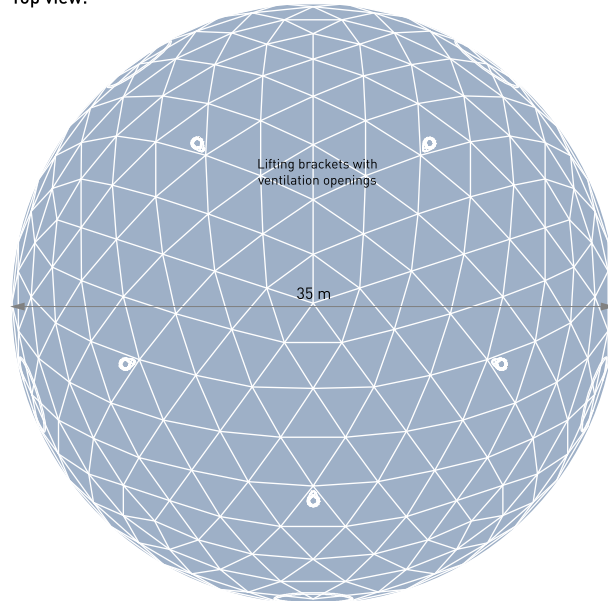


ZENDOME.1000

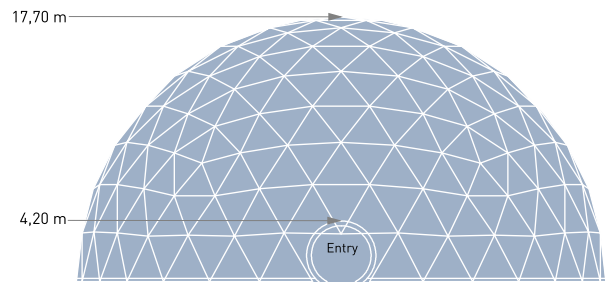
The geodesic premium league. The incredible space embodies elegance with the impressive cupola rising to 17,5 m. Envisioning new dimensions, simply possible by German engineering!

ZENVISION GmbH Prenzlauer Promenade 189 T +49 30 473 776 20
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Top view:



Front view:



TECHNICAL DATA	
Diameter	35 m
Height	17,70 m
Exhibition Space	962 m ²
Membrane Surface	1.924 m ²
Volume	11.220 m ³

LOAD PARAMETERS	
Structure	18.500 kg
Structure feet	800 kg
Membrane	2.500 kg
Entrance	400 kg
Door	97 kg
Complete	22.297 kg

ENTRANCE SETTINGS	
Entry	1 / optional 5
Width	1,80 m
Width [Circular membrane entry, measured at the centre]	3,94 m
Height of the entry	3,20 m
Membrane entrance	1 / optional 5
Door system [optional]	5
Height of entrance with door	2,10 m
Width of entrance with door	0,89 + 0,89 m / 1,25 + 0,53 m
Door wings	2

LOGISTIC AND STORAGE SYSTEM	
Total weight with transport stanchions	27.471 kg
Loading meters	21 m
Number of transport stanchions of frame system, stackable	11 + 7
Loading weight of transport stanchion of frame system	22.764 kg
Tare weight of transport stanchion frame system	234 kg and 70 kg
Transport stanchion of frame system (LxWxH)	3,84x1,15x1,14m and 1,34x1,15x0,57m
Number of membrane boxes	1
Loading weight of membrane box	4.550 kg
Tare weight of membrane box	2.050 kg
Membrane box (L x W x H)	6,00 x 2,30 x 2,24 m
Number of doors per transport box	1
Loading weight of transport box of door	157 kg
Tare weight of transport box of door	60 kg
Transport box of door (L x W x H)	2,35 x 2,00 x 0,35 m

WINDOW SETTINGS	
Round windows	3
Round windows [transparent or white]	3
Top round windows [ventilation openings]	5
AC-openings	3

CONSTRUCTION / DECONSTRUCTION	
Construction time	5 - 7 days
Deconstruction time	3 - 5 days
Team size [pax]	8 - 10
Coaching [days]	7
Mobile crane height / boom	min. 45 m / 30 m

MATERIAL & DETAILS	
Number of different struts	9
Min. length of struts	2.645 mm
Max. length of struts	3.591 mm
Diameter of struts	48,3 mm and 88,9 mm
Material thickness	2 mm and 4 mm
Number of structure feet	30
Membrane material	PVC Coated Polyester Fabrics

SAFETY	
Windloads [dynamic pressure q = kN/m ² according to DIN 4112]	0,8
Dynamic pressure is about [Beaufort]	12 / violent storm
Extra loads [Please take note of the specification of loads]	3.000-6.000
Number of extra loads contact points	5-10

NOTES:

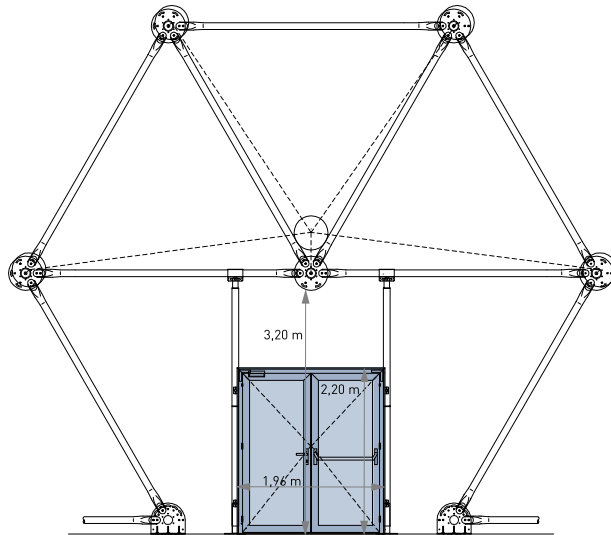
- The construction time is timed with an experienced team. For first construction calculate double the time.
- Anchoring according to static calculations (earth anchors, heavy-load floor system or loads) necessary.
- All sizes, weights and volumes listed in this table are rounded approximations and may deviate due to varying materials or production processes.



ZENDOME.1000 / DOORWAY

From the very first touch of the material and entrance through the huge stargate you feel impressed. Smooth gliding doors with a perfect sound will support your event and amaze your guests right from the beginning.

Front view:



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Section:



ENTRANCE SETTINGS

Entry	1 (5)
Width, measured at floor-level	3,30 m
Width, measured at the centre	3,94 m
Height of the entry	3,20 m
Membrane entrance	1 (5)

DOOR SYSTEM (OPTIONAL)

Height of entrance with door	2,10 m
Width of entrance with door	1,25 + 0,53 m / 0,89 + 0,89 m
Width (with door, measured at floor level)	1,78 m
Door wings	2

MATERIAL & DETAILS

Anchor plates (Optional)	Steel, galvanized
Foot door	Stainless steel, powder-coated
Vertical and horizontal poles	Stainless steel, powder-coated
Hub and tube connectors	Stainless steel, powder-coated
Special struts	Stainless steel, powder-coated
Door profiles	Aluminium
Door filling	Makrolon® clear / white
Door closer	yes
Push bar	yes

LOAD PARAMETERS

Weight door	97 kg
Measurements transport box door (one door)	2,35 x 2,00 x 0,35 m
Weight / volume transport box door (one door)	60 kg / 1,65 m ³
Total weight / volume	157 kg / 1,65 m ³
Weight entrance	400 kg
Loading	on frame stanchions

NOTES:

* Presented drawings are to express system and deviate in reality. All sizes, weights and volumes listed in this table are rounded approximations and may deviate due to varying materials or production processes.

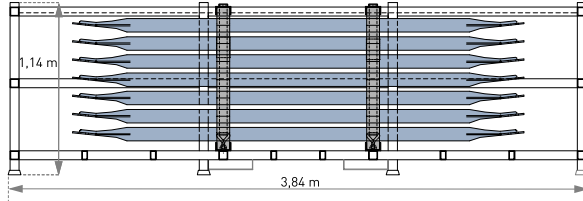


ZENDOME.1000 / LOGISTIC AND STORAGE

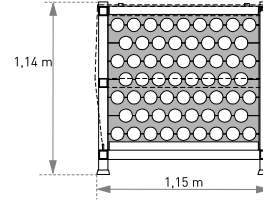
Prioritizing protection and process optimization, storage & logistic system are to ease operations, the key factors for cost-cutting. Increase profitability and secure your investments by keeping the maximum mobility up.

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FRAME STANCHION, longitudinal section:



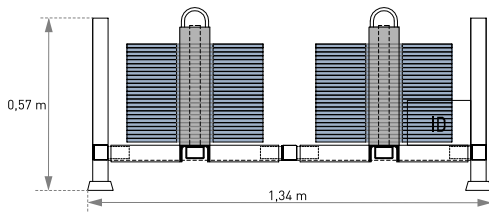
FRAME STANCHION, cross section:



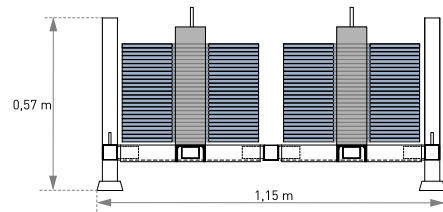
FRAME STANCHION ZD,1000

Number of frame stanchions	11
Dimensions	3,84 x 1,15 x 1,14 m
Tare weight / volume	234 kg / 5,03 m ³

SPINDLE STANCHION, longitudinal section:



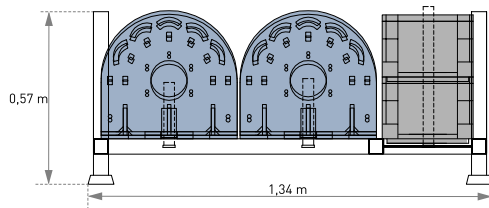
SPINDLE STANCHION, cross section:



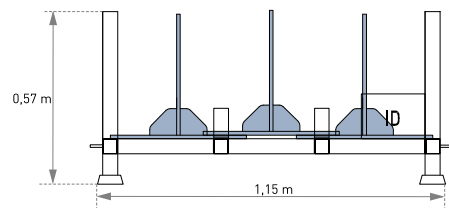
SPINDLE STANCHION

Number of spindle stanchions	2
Dimensions	1,34 x 1,15 x 0,57 m
Tare weight / volume	70 kg / 0,88 m ³

FOOT STANCHION, longitudinal section:



FOOT STANCHION, cross section:



FOOT STANCHION

Number of foot stanchions	5
Dimensions	1,34 x 1,15 x 0,57 m
Tare weight / volume	70 kg / 0,88 m ³

TRANSPORT BOXES WITH LID

Number of transport boxes per foot stanchion	4
Dimension of transport box	0,40 x 0,30 x 0,22 m

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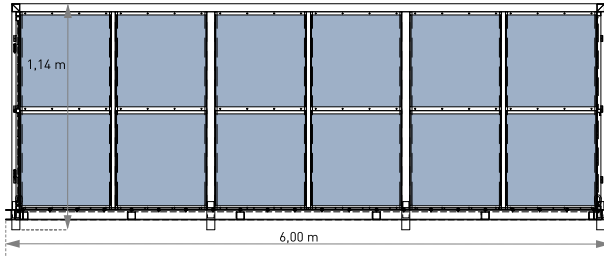


ZENDOME.1000 / LOGISTIC AND STORAGE

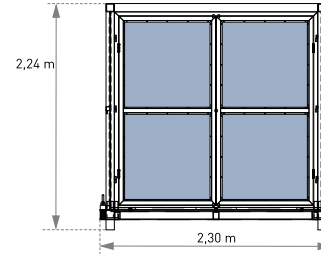
The key to enhance the use of space and cutting cost is the storage & logistic system optimized for ideal container packaging. Whether by sea, air cargo or on the road, ZENDOME systems are perfectly packed.

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MEMBRANE BOX, longitudinal section:



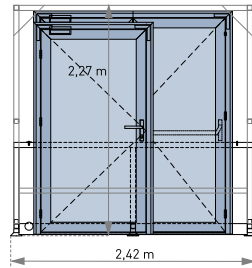
MEMBRANE BOX, front view:



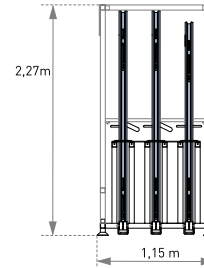
MEMBRANE BOX

Number of Membrane boxes	1
Dimensions	6,00 x 2,30 x 2,24 m
Tare weight / volume	2.050 kg / 30,91 m ³

DOOR STANCHION, longitudinal section:



DOOR STANCHION, cross section:



DOOR STANCHION

Number of doors (maximum)	3
Dimensions (with frame)	2,42 x 1,15 x 2,27 m
Tare weight / volume (with frame)	292 kg / 6,31 m ³

NOTES:

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