BJERRING

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Arko.



Tykhøjetvej 20 – Hal 5 – 7323 Give – Tlf. +45 77345206 –
mail: salg@bjerring-sales.dk - bjerring-sales.dk – sunswim.dk – bjerring-shop.dk – bjerring-furniture.dk

BJERRING

Arko290.

Arko400.

Arko470.

Overbygninger - Events – Messer
Med eller uden cover
Udendørs & Indendørs brug

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Opstilling

2 personer 30 min.

Størrelse:

9 m2

Ophæng i tag

Se nedenstående specifikationer

Op til 200 kg

Cover:

Udvendig og indvendig cover

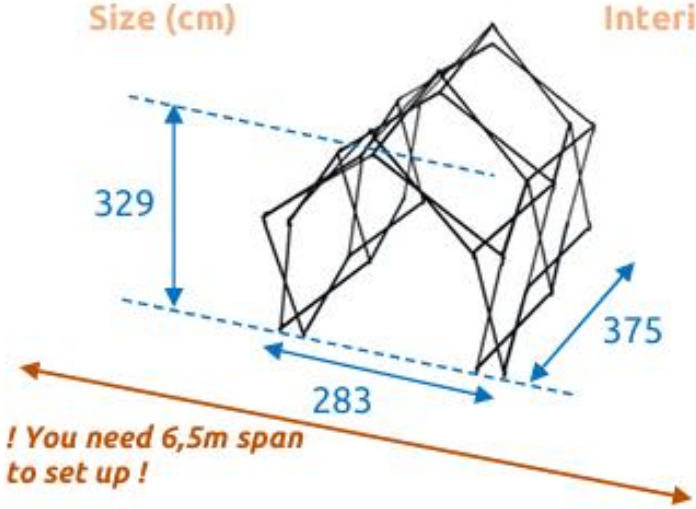
Mulighed for cover med kunde print

Lav egenvægt

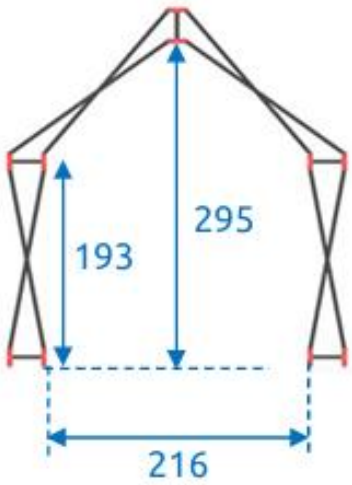
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Size (cm)



Interior: ± 9 m²



Weight and load bearing

70 kg

Up to 80km/h
depending on covering and ballast –
cfr. load bearing sheet

Up to 210 kg
depending on covering and wind –
cfr. load bearing sheet

Setup

Installation with 2 persons
(or 1 with accessories)

10 min

On wheels
Easy to move

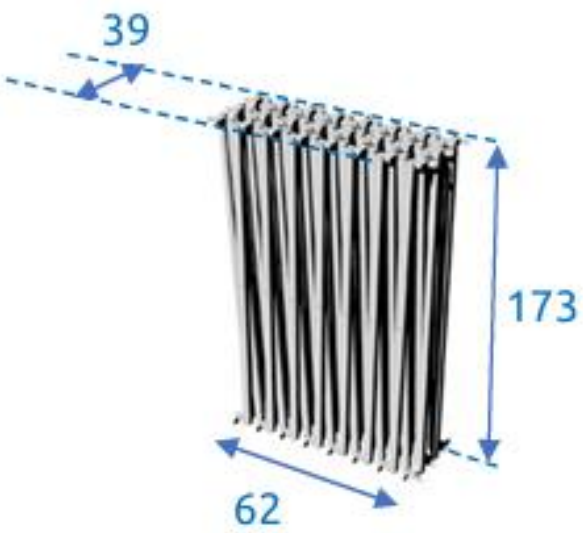
Extra documentation (URL, not available without NDA or contract)

Installation manual

Risk assessment

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This design & product is protected worldwide by

CALYSTA
Intellectual Property

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Material

80% recycled aluminium tubes 39x30x2mm

Dyneema (Vectran, Spectra) 4mm rope

Coating in all colors possible anodized or powder coated

Capacity

5-6 people sitting

7-8 people standing

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Load bearing



Open covering (only top membrane)

0 km/h*	210 kg*	90	or
	(max 70 kg on 1 point)	1	weights of 15kg per footplate
45 km/h*	150 kg*	360	or
	(max 50 kg on 1 point)	4	weights of 15kg per footplate
60 km/h*	100 kg*	720	or
	(max 35 kg on 1 point)	8	weights of 15kg per footplate
80 km/h*	50 kg*	1170	or
	(max 25 kg on 1 point)	13	weights of 15kg per footplate

Half closed covering (top membrane + backdrop)

0 km/h*	210 kg*	90	or
	(max 70 kg on 1 point)	1	weights of 15kg per footplate
45 km/h*	100 kg*	450	or
	(max 35 kg on 1 point)	5	weights of 15kg per footplate
60 km/h*	0 kg*	810	or
		9	weights of 15kg per footplate

* The mentioned wind speeds are the **maximum wind peaks** (not averaged values).
* Load divided into 3 points. If the load is better distributed (6 points), the max load can be increased by 50%.

*If **unexpected weather conditions** arise (higher wind peaks than foreseen): handle quickly by safeguarding people from underneath the structure and detach the backdrop and/or the top membrane.*

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Anchoring sheet





In order to anchor the structure properly, enough **ballast weights** should be used. Check the load bearing sheet for the exact amount of ballast.

These weights need to be put **on the foot plates**: either you stack the weights in one pile in the middle, if too many, you stack the weights in two piles (in the middle and at the end of the foot plate).

If the structure is on grass or soil you can also use **ground anchors**.
It is the **responsibility of the user** to check if the anchors can withstand the tensile force corresponding with the ballast weight. For this, **test loadings** should be conducted **on site**, consisting of at least 3 tests. In order to determine the capacity of the anchor in the soil, a safety factor of 1,6 is applied on the lowest value of the test loadings.

Contact Konligo for more information.

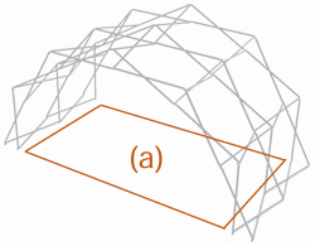
Installation conditions Arko290

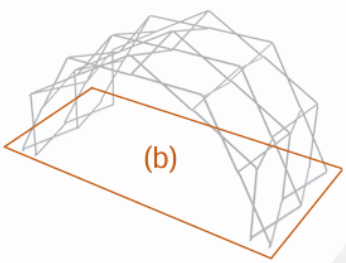
To install (or demount) the structure you need at least a free space of **6,5m by 3,8m** and a free **height clearance of 3,5m**

If working with a stage, these are the dimensions to foresee:

a) Stage inside structure: **stage 2m span (by 3 or 4m)**

b) Structure on stage: **stage 3m span by 4m →** the structure should be unfolded first and lifted on the stage afterwards





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create. unfold. fascinate.


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Arko400.

BJERRING



Opstilling

2 personer 30 min.

Størrelse:

13 m2

Ophæng i tag

Se nedenstående specifikationer

Op til 200 kg

Cover:

Udvendig og indvendig cover

Mulighed for cover med kunde print

Lav egenvægt

Arko400.

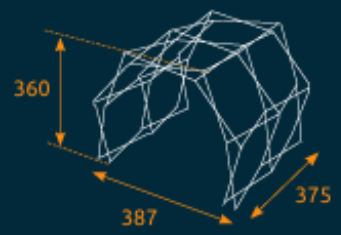
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Arko400. Product sheet

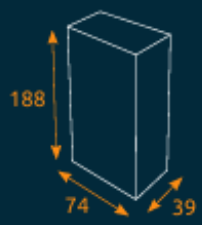
This design and this product are protected worldwide.
Made in Belgium.

Characteristics

Open & close states dimensions (cm)







- Vectran cables (steel strenght x5)
- On wheels
- Installation with 2 persons*
- Capacity of 12 people (12m²)
- Aluminum tubes (80% recycled)
- 85kg
- Setup in less than 30'

Documentation

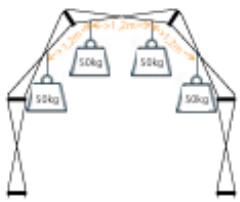
konligo.com/download/

See and download documentation

Bearing load capacity

Maximum load on the structure (kg)
Maximal load in a diameter of 1.2m (kg)

Example of maximum allowed loading



Wind speed	Naked	Inside covering	Inside covering +Backdrop
0 km/h 1 beaufort	300 50	300 50	300 50
45 km/h 6 beaufort	240 40	210 35	150 25
60 km/h 7 beaufort	240 40	150 25	30 5
80 km/h 8 beaufort	210 35	60 10	- -

**using the Power Poles accessory*

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Anchoring & ballast weight

Total ballast weight (kg)
Amount of weights per foot (n x kg)

CAUTION
For your safety, please respect the ballast weight !

Wind speed	Naked	Inside covering	Inside covering +Backdrop
0 km/h 1 beaufort	90 1 x 15	90 1 x 15	90 1 x 15
45 km/h 6 beaufort	180 2 x 15	300 3 x 15	490 6 x 15
60 km/h 7 beaufort	270 3 x 15	510 6 x 15	850 10 x 15
80 km/h 8 beaufort	270 3 x 15	1050 12 x 15	- -

Disposition of weights on foot plates



Use of ground anchors

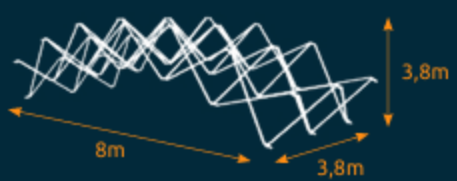
If the structure is on grass or soil you can also use ground anchors. It is the responsibility of the user to check if the anchors can withstand the tensile force corresponding with the ballast weight. For this, test loadings should be conducted on site, consisting of at least 3 tests. In order to determine the capacity of the anchor in the soil, a safety factor of 1,6 is applied on the lowest value of the test loadings.

Please contact our technical team for further information.
(You can send an email to support@konligo.com)



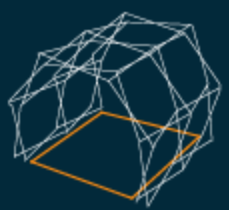
Installation

CAUTION
To install or desmount you need at least a space of 8m x 3,8m x 3,8m

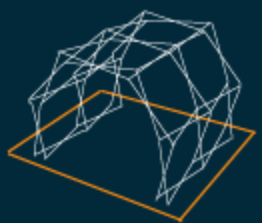


This document is valid for all products made after april 2022.

Stage dimensions



Inside structure
3m x 4m



Under structure
5m x 4m

Unfold the structure first, and then lift it on the stage

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Arko470.

BJERRING



Opstilling

2 personer 30 min.

Størrelse:

16 m2

Ophæng i tag

Se nedenstående specifikationer

Op til 200 kg

Cover:

Udvendig og indvendig cover

Mulighed for cover med kunde print

Lav egenvægt

Arko470.

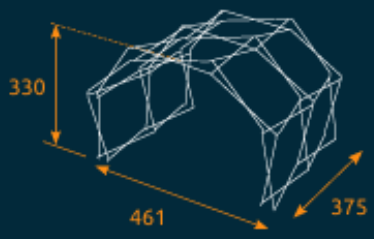
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Arko470. Product sheet

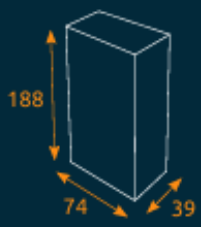
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Characteristics

Open & close states dimensions (cm)







- Vectran cables (steel strenght x5)
- On wheels
- Installation with 2 persons*
- Capacity of 16 people
- Aluminum tubes (80% recycled)
- 85kg
- Setup in less than 10'

Documentation

konligo.com/download/

See and download documentation

Bearing load capacity

Maximum load on the structure (kg)
Maximal load in a diameter of 1.2m (kg)

Example of maximum allowed loading



Wind speed	Naked	Inside covering	Inside covering +Backdrop	Outside covering	Outside covering +Backdrop
0 km/h	150 25	150 25	150 25	150 25	150 25
45 km/h	150 25	120 20	90 15	120 20	90 15
60 km/h	120 20	90 15	60 10	90 15	60 10
80 km/h	90 15	60 10	- -	60 10	- -

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Anchoring & ballast weight

Total ballast weight (kg)
Amount of weights per foot (n x kg)

CAUTION
For your safety, please respect the ballast weight !

Wind speed	Naked	Inside covering	Inside covering +Backdrop	Outside covering	Outside covering +Backdrop
0 km/h	90 1 x 15	90 1 x 15	90 1 x 15	90 1 x 15	90 1 x 15
45 km/h	180 2 x 15	280 3 x 15	450 5 x 15	290 3 x 15	480 6 x 15
60 km/h	270 3 x 15	470 5 x 15	790 9 x 15	510 6 x 15	840 10 x 15
80 km/h	270 3 x 15	840 10 x 15	- -	900 10 x 15	- -

Disposition of weights on foot plates



Use of ground anchors

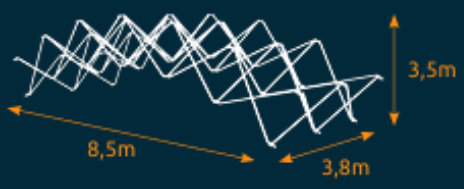
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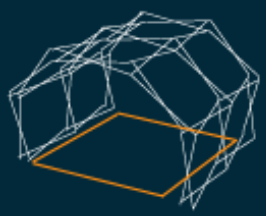


Installation

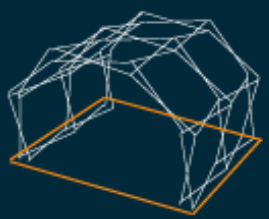
CAUTION
To install or desmount you need at least a space of 8,5m x 3,8m x 3,5m



Stage dimensions



Inside structure
3m x 4m



Under structure
5m x 4m

Unfold the structure first, and then lift it on the stage

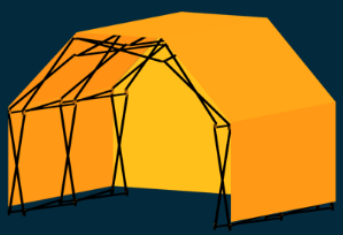
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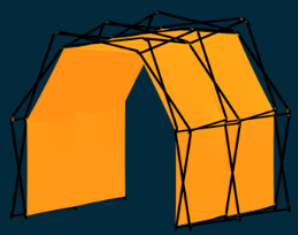
Arko470.



Technical specifications.

- Weight: 85kg
- Wind load: up to 80km/h
- Load bearing: up to 200kg
- Surface: 16m²
- Setup time : < 30min
- Setup crew: 2 people (with the Konligo Power Pole)

Arko400.



Technical specifications.

- Weight : 85kg
- Wind load: up to 80km/h
- Load bearing: up to 200kg
- Surface: 13m²
- Setup time : <30min
- Setup crew : 2 people

Arko290.



Technical specifications.

- Weight: 70kg
- Wind load: up to 80km/h
- Load bearing: up to 200kg
- Surface: 9m²
- Setup time : <30min
- Setup crew : 2 people

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Produkter fra konligo.

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Scene overbygninger - Events – Messer
Med eller uden cover
Udendørs & Indendørs brug

Arko.

Scene overbygninger - Events – Messer
Arko leveres i flere størrelser:
Arko 290 – Arko 400 – Arko 470
Med eller uden cover
Udendørs & Indendørs brug

Ondo Dome.

Særdeles velegnet Events & Messer
Med eller uden cover
Udendørs & Indendørs brug

Luno.

Luno Wall -
Særdeles velegnet Events & Messer
Med eller uden cover
Udendørs & Indendørs brug

BJERRING

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