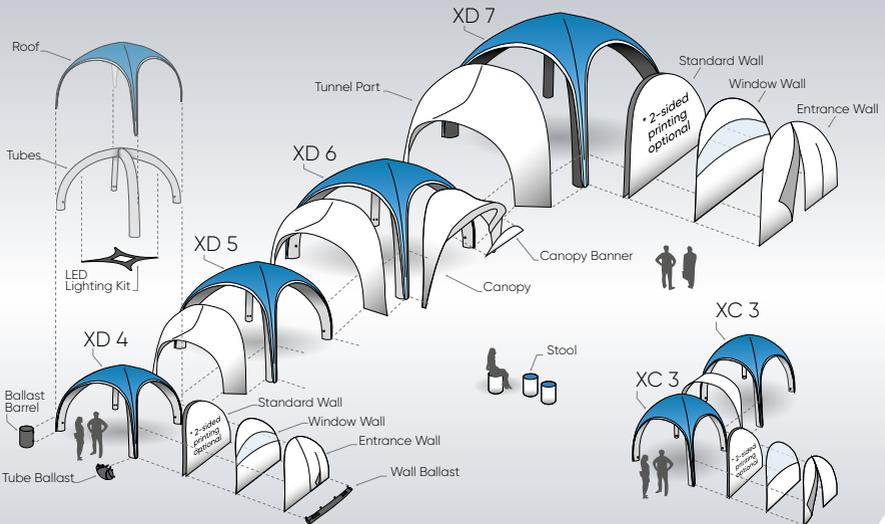




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ENGLISH

Hard & Soft Ground Anchoring Instructions

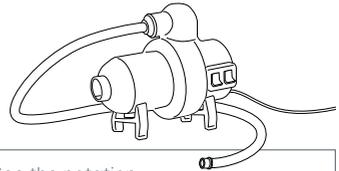


3.3 PUMPS

3.3.1. INFLATION WITH THE ELECTRIC PUMP

Screw the threaded end of the supplied hose onto the discharge opening of the pump.

Plug the power cable into an electric socket. Note that the Bravo 2000 has a booster that has to be activated using the switch on the pump. Please also observe the instructions and information supplied with the electric pump.



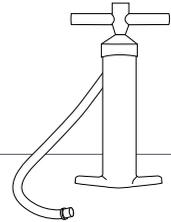
See the notation on the hose connection::

OUT = inflate
IN = deflate

3.3.2. INFLATION WITH THE HAND PUMP

The hand pump included in the contents of delivery is equipped with various adapters that allow connection to different valves. The hose should not be kinked or compressed as this could result in leaks or breakage!

NOTE FOR INFLATING THE CANOPY: Two pump hoses are always included with delivery. These can be connected so that the canopy valves can be reached for inflation.



TIP: Note the valve plug at the top of the pump body::

OPEN = pumps only on the down stroke
(Single Action)

CLOSED = pumps on both the up and down stroke
(Double Action)

4. ANCHORING

The X GLOO XD and the XC series have been developed to be mobile and modular lightweight tents. Despite their low weight, and the associated relatively low risk potential, the following information must be read before use and diligently observed to prevent damage to property and personal injury.

GENERAL INSTRUCTIONS

Depending on the nature of the terrain, the appropriate anchoring accessories must be used:

- On firm, packed soil, the X GLOO Anchoring Set (tent stakes) for the appropriate tent size can be used.
- On snow or sand, the Snow Anchors or Sand Anchors are to be used in place of tent stakes, respectively.
- On asphalt and similar hard surfaces, the tent must be weighted down using ballasts sufficient for the tent size and maximum expected wind speed.

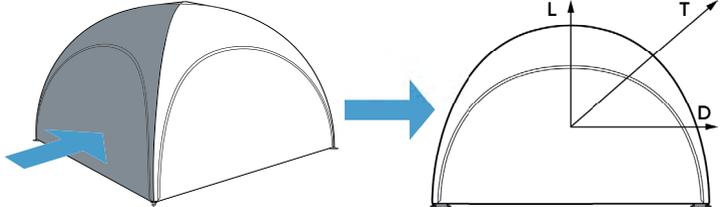
The table in the **wind speed certificate on the next page** shows the type and quantity of ballasts to be used, depending on the expected maximum wind speed and the tent size.

WIND SPEED CERTIFICATE

FORCES

- BASIS:
- Wind Speed: 1 m/s = 3,6 km/h
 - Density of the flowing medium: 1.224 kg/m³
 - Drag Coefficient: 1 (Safety factor of 1,2; estimated actual drag coefficient of 0,6
 - Friction of Ballast Barrel and ground: 1 [material: rubber-to-asphalt]

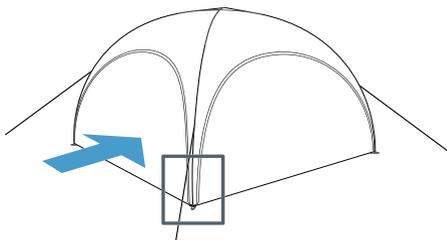
Size	Surface Area with Side Wall
XC 3	5,4 m ² (58 ft ²)
XD 4	8,5 m ² (91,5 ft ²)
XD 5	13 m ² (1399 ft ²)
XD 6	19 m ² (204,5 ft ²)
XD 7	26 m ² (2798 ft ²)



Size	Drag (D) [daN]			Lift (L) [daN]			Total Force (T) [daN]		
	30 km/h wind speed (18.7 mph)	40 km/h wind speed (25 mph)	60 km/h wind speed (37.3 mph)	30 km/h wind speed (18.7 mph)	40 km/h wind speed (25 mph)	60 km/h wind speed (37.3 mph)	30 km/h wind speed (18.7 mph)	40 km/h wind speed (25 mph)	60 km/h wind speed (37.3 mph)
XC 3	22,8	40,5	91,3	11,4	20,3	45,7	25,5	45,3	
XD 4	24,2	51,7	115,0	11,3	39,6	60,8	35,5	68,0	175,8
XD 5	37,0	79,1	175,9	17,6	42,0	195,0	54,7	121,2	271,0
XD 6	54,1	115,6	257,1	25,4	60,6	136,8	79,6	176,2	305,7
XD 7	74,1	158,3	351,9	34,6	82,4	186,2	108,7	240,0	

BALLAST RECOMMENDATIONS

Below are shown the weights necessary to secure one tube on your X GLOO tent during high winds. At a minimum, this weight should be used on all tubes facing into the wind. However, in order to achieve the most security and stability we strongly recommend that you secure all four tubes on your X GLOO tent.



Size	Weight per Tube		
	30 km/h wind speed (18.7 mph)	40 km/h wind speed (25 mph)	60 km/h wind speed (37.3 mph)
XC 3	13 kg (28 lbs)	23 kg (49 lbs)	
XD 4	18 kg (39 lbs)	34 kg (75 lbs)	89 kg (196 lbs)
XD 5	27 kg (59 lbs)	60 kg (132 lbs)	135 kg (297 lbs)
XD 6	40 kg (88 lbs)	88 kg (194 lbs)	153 kg (337 lbs)
XD 7	54 kg (119 lbs)	120 kg (264 lbs)	

X GLOO Ballast System(s) per Tube

Size	30 km/h wind speed (18.7 mph)	40 km/h wind speed (25 mph)	60 km/h wind speed (37.3 mph)
XC 3	1x Tube Ballast	2x Tube Ballasts	
XD 4	1x Tube Ballast	2x Tube Ballasts	1x Ballast Barrel
XD 5	1x Tube Ballast	2x Tube Ballasts	2x Ballast Barrels
XD 6	2x Tube Ballasts	1x Ballast Barrel	2x Ballast Barrels
XD 7	1x Ballast Barrel	2x Ballast Barrels	

- In windy conditions, be sure to orient the tent against the wind so that it offers the least resistance. Canopies, in particular, should not be aligned facing into the wind, nor should open sides of the tent face into the wind when the side of the tent away from the wind is closed with a wall. Wind loads can be significantly reduced by removing the walls and canopies.
- Exposure to wind gusts which exceed the maximum permissible wind speed can lead to structural damage to the tent that is not covered by the warranty.
- In the event of a drastic deterioration in the weather, all valves must be opened to let the air out of the tent and thus avoid greater damage. The deflated tent should be weighed down to prevent it from being taken by the wind.

4.1 TUBE BALLASTS

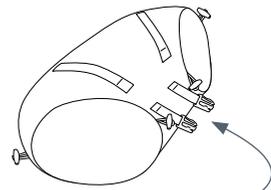
Each Tube Ballast Set includes four ballasts. Each ballast contains a water bladder for filling with water.

4.1.1. FILLING WITH SAND/GRAVEL

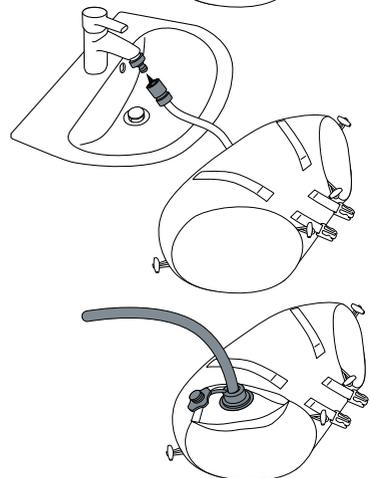
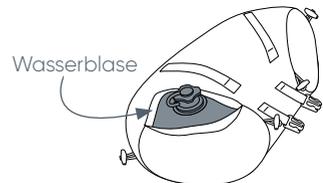
- When filling the ballasts with sand or gravel, the water bladders must first be removed so that they do not become damaged.

4.1.2. FILLING WITH WATER

- Open the ballast cover and pull out the water bladder until the fill valve is visible.
- Included in the Tube Ballast Set are a hose and various faucet adapters. Attach the hose to the faucet using the correct adapter.
- Open the fill valve, insert the other end of the hose and fill the bladder with water.
- When full, remove the hose and close the valve and the velcro on the ballast cover.



2 CLIPS beim **XC 3**
Nur 1 CLIP beim **XD 4/5/6/7**



4.1.3. CONNECTING TUBE BALLASTS TO THE TENT

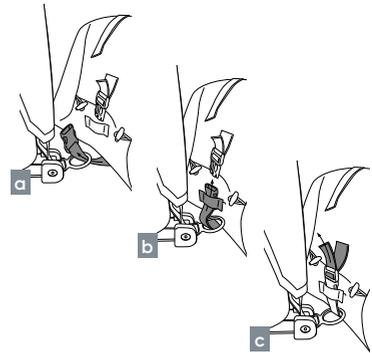
Tube ballasts can be attached to the inside or outside of the tubes, as conditions require.

CONNECTING TO AN XD 4/5/6/7

Stellen Sie sicher, dass die gummierte Seite der Ballastierung nach unten zeigt.

Make sure that the rubber-reinforced side of the ballast is facing the ground. On the ballast, bring the end of the webbing with the buckle insertion part up through the anchoring ring on the tube end (a) and then through the webbing loop on the Tube Ballast (b). Connect the hook part of the buckle into the insertion part of the buckle and tension the webbing so that the Tube Ballast is snug against the anchoring ring. This is how you achieve the best stability and force transmission. (c)

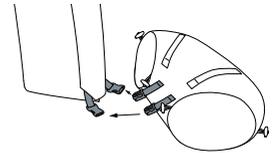
XD 4/5/6/7



CONNECTING TO AN XC 3

Use the buckles on the Tube Ballasts to connect them to the tube ends on the tent. Make sure that the rubber-reinforced side of the ballast is facing the ground.

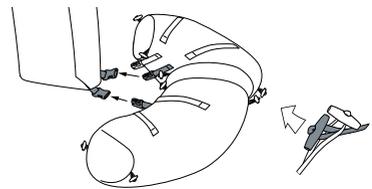
XC 3



4.1.4. CONNECTING MULTIPLE TUBE BALLASTS TO ONE TUBE

To secure the tent in strong winds, multiple ballasts can be attached to each tube end. Arrange the Tube Ballasts next to each other and connect them to one another using the plastic toggles. Then attach the buckles on each ballast to the tube ends of the tent as described in 4.1.3. The Tube Ballast can alternatively be placed on top of one another.

AM BEISPIEL XC 3



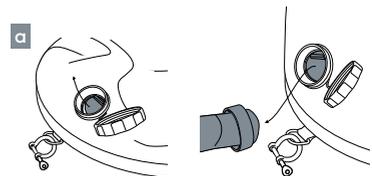
4.2 WATER BALLAST BARRELS

Especially suited for hard ground surfaces, Water Ballast Barrels can be used as tent anchors, seating or both.

4.2.1. FILLING

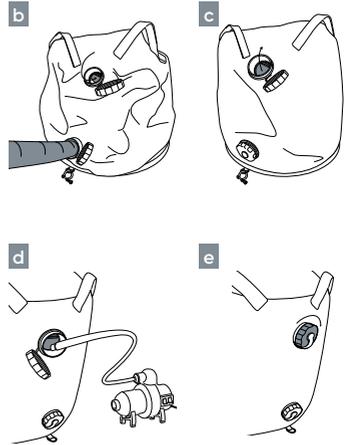
Make sure the the check valve tab in the opening at the bottom of the barrel is closed. To do this, pull the check valve forward with one finger. This will ensure that nearly no water can escape when removing the hose after filling (a).

- When filling with water, the upper opening should



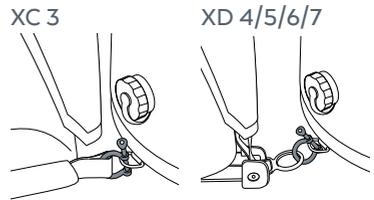
initially remain open (with the check valve pushed back into the barrel) so that the air can escape when filling the barrel (b).

- Next, pull the check valve tab forward (c) before filling any remaining space in the barrel with air. It is not necessary to connect the pump directly to the top opening. Instead, the easiest way is to hold the hose of the running pump against the edge of the check valve in the upper opening (d).
- Finally, tightly close the cover on the upper opening (e).
- To transport the Water Ballasting Barrel, either lift it by the handles with two people or tip it onto the hard bottom edge and roll it.

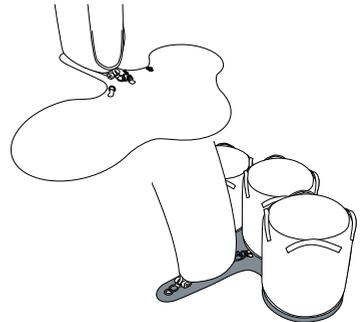


4.2.2. CONNECTING TO A TENT

The eyelets on the Water Ballast Barrel bases can be used to connect them to the rings on the tube ends by means of the included shackles. You can attach up to two Water Ballast Barrels directly to the rings on the tent base.



If three barrels are to be connected to each tube end, they must first be attached to a no-rub mat. The tent can then be attached to the no-rub mat to transmit the force. With this arrangement the tent is indirectly connected to the barrels.

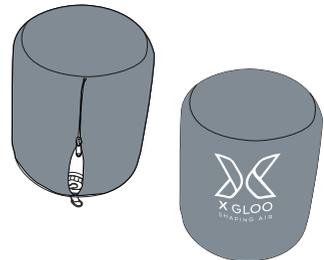


4.2.3. EMPTYING

To empty the barrels, unscrew the cover on the bottom opening and push in the check valve tab so that the water can run out by itself.

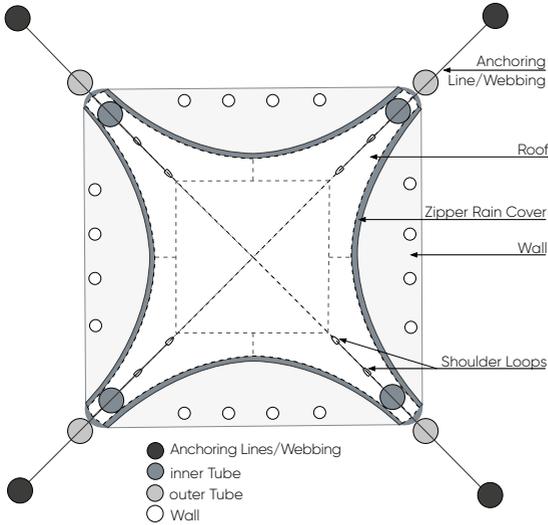
4.2.4. DIGITALLY-PRINTED COVER

The digitally-printed cover can be pulled completely over the filled barrel and then zipped closed..



4.3. TENT STAKES

The graphic below shows which size/type tent stake should be used at which position.



FOR XC 3 / XD 4

Tent Stakes	Qty.	Use
300 mm L	16 St.	Walls + inner Tube
500 mm L	4 St.	outer Tube
Speed Cinch	4 St.	Anchoring Webbing

FÜR XD 5 / 6

Tent Stakes	Qty.	Use
300 mm L	16 St.	Walls + inner Tube
500 mm L	8 St.	outer Tube + inner Tube
Speed Cinch	4 St.	Anchoring Webbing

FÜR XD 7

Tent Stakes	Qty.	Use
300 mm L	16 St.	Walls
500 mm L	8 St.	Walls + inner Tube
800 mm L	4 St.	outer Tube
Speed Cinch	4 St.	Anchoring Webbing

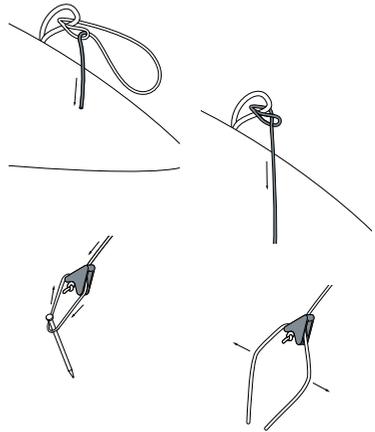
When using tent stakes, it should be noted that the actual anchoring strength achieved depends largely on the nature of the ground surface. Because of this, no general information can be provided about which wind loads can be absorbed with which number of stakes.

It is always important to drive in the tent stakes an angle slightly toward the tube end to help prevent them from being pulled out while the tent is in use.

4.4 ANCHORING LINES

Anchoring lines must be used to ensure the structural stability of the tent!

- Push the loop end of the anchoring line through the shoulder loop on the tent roof.
- Insert the tail end of the anchoring line through the loop end and pull it through until the anchoring line is snugly attached to the shoulder loop.
- Secure the tent by connecting the anchoring line with a tent stake hammered into the ground at least two meters away from the tube end and tension the line with the line tensioner.
- Repeat this process on the other three tubes.



4.5. WALL BALLASTS

The Wall Ballasts can be filled with water or sand/gravel and can be connected to the wall using the attached toggles.

FILLING WITH WATER

- Open the velcro on the ballast cover and pull out the inner water bladder until the fill valve is visible.
- There is a water bladder inside each ballast cover for filling with water. When filling the ballasts with sand or gravel, the water bladders must first be removed so that they do not become damaged.
- Included in the Tube Ballast Set are a hose and various faucet adapters. Attach the hose to the faucet using the correct adapter.
- Open the fill valve, insert the other end of the hose and fill the bladder with water.
- When full, remove the hose and close the valve and the velcro on the ballast cover.
- Connect the four plastic toggles on the ballast to the large grommets on the wall. When doing so, make sure that the rubber-reinforced side of the Wall Ballast is facing down. For securing walls on XD 5, XD 6, XD 7 tents, the use of multiple wall ballasts on each wall is recommended.

