

MICHELIN

INFLATABLE SOLUTIONS

***AIR DRONE ARENA
XXL VERSION***



INSTRUCTION MANUAL

This file contains all our recommendations to guide you in the use of your new MICHELIN Inflatable Solutions product.

We recommend that you read it carefully before using your product for the first time, and refer to it if you have any doubts.

Our sales team will be happy to provide you with any further information you may require (e-mail: commerce@inflatable.michelin.com).

Product description

You have ordered an **Air Drone Arena XXL Version**. These instructions will guide you through all the steps involved in setting up your product.

2



CONTENTS

I. PRECAUTIONS FOR USE	4
II. CHECKING THE CONTENTS OF THE DELIVERY	6
III. LEGEND	7
IV. CHARACTERISTICS	8
V. INSTALLATION	9
VI. DISMANTLING	14
VII. PROBLEM SOLVING	16
VIII. MAINTENANCE	17
IX. WARRANTY CONDITIONS	18

I. PRECAUTIONS FOR USE

1. Uses involving risks

- ✓ Do not use machinery or cutting equipment near the structure, as this could damage it.
- ✓ Do not use abrasive ballast (breeze block, stone, metal), as this may cause premature damage to the perimeter of the shelter.
- ✓ Do not bring the shelter into contact with flammable or corrosive products, as this may damage the structure.
- ✓ It is strictly forbidden to smoke or install a heat source under or near the structures.



2. Limited conditions of use

- ✓ Make sure to inflate and use the structure only indoors or outdoors when the conditions are calm and windless.
- ✓ A systematic check is recommended when assembling your structure. If you notice any damage, dismantle the structure and contact the product distributor.


MICHELIN

I. PRECAUTIONS FOR USE

- ✓ Re-inflate regularly and after any major change in temperature.
- ✓ **In the case of operation in an events area** that qualifies as an ERP (establishment open to the public), refer to the standards of the country/commune (CTS type) for the rules applicable to the operator.
- ✓ Your product is inflatable, there is a risk that a bladder in your structure could leak. In this case, evacuate the people present under the structure, dismantle the structure and contact the after-sales service: sav@inflatable.michelin.com



II. CHECKING THE CONTENTS OF THE DELIVERY

Items included in a KIT :

- 1x transport bag **(A)**
- 1x structure **(B)**
- Guy ropes **(C)**
- 1x repair kit **(D)**
- 1x high-flow pump **(E)**
- 2x or 4x Air T **(F)**

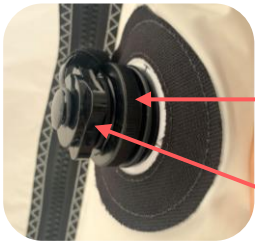
OPTIONAL items :

- Ballast bag **(G)**

6

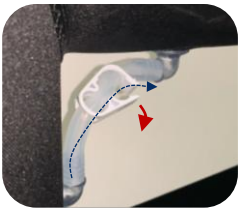
A	B	C	D
			
E	F	G	
			

III. LEGEND

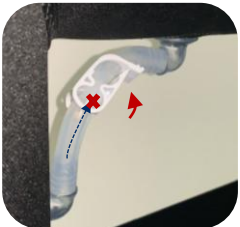


Lower ring for deflation

Upper ring (cap with non-return valve) for inflation



'Clamp open: lets air through (position when inflating/deflating)



'Clamp closed: does not let air through (position when structure is inflated)

7



Guy ring / ballast ring



Pump (with ' Main Motor' button to start inflation and ' boost ' button to speed up inflation)



Please refer to the pump's instructions for use.
Do not open the integration zip

IV. CHARACTERISTICS

	XXL Air Drone Arena
	Overall dimensions
Length	15,6 m
Width	8,3 m
Height	5,8 m
	Internal dimensions
Length	14 m
Width	7 m
Height	5 m
Total Weight	135 kg

V. INSTALLATION

- i** Installation takes **50 minutes**.
A minimum of 4 people (+2 air T) are required for installation.
220V/50Hz power supply(s) to connect the pump(s).

The main installation stages

- 1 Take the product out of its bag and spread it on the ground
- 2 Close the valves and open the clamps
- 3 Inflate the structure (frames and feet)
- 4 Help the structure stand up during inflation

V. INSTALLATION

1. Take the structure out of the bag



2. Spread the structure on the ground

Choose a clean area for unfolding, free from elements that could cause damage (brambles, stakes, etc). If necessary, don't hesitate to use a protective tarpaulin.

- ✓ The more the structure is spread out, the faster it inflates.
- ✓ The black frame must be the one installed on the ground, while the white frame must be the upper frame.

10



3. Close all caps

- ✓ Make sure all caps are securely closed before starting inflation.



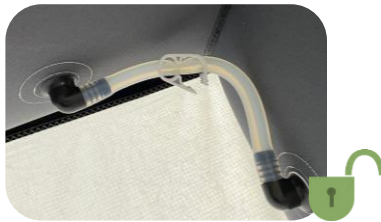
V. INSTALLATION

4. Open all the clamps

- ✓ Make sure all the clamps are open.

Each structure is made up of several inflatable bladders connected together by tubes that can be closed using clamps. Together they form the 'OnePump' system.

This system allows you to inflate the module at a single point (when the clamps are open), but also to block the propagation of any loss of pressure on one of the bladders (when the clamps are closed).



"Clamp open"
Lets air through
(inflation/deflation position)



"Clamp closed"
Does not let air through
(position when the structure is inflated)

11

5. Inflate the structure frame

- ✓ Unscrew the upper crown of two plugs located on the lower frame of the structure and connect the two pumps on each side of the structure.



- ✓ Start inflation by pressing the pump's "main motor" mode (orange button), and let the air circulate for 1 to 2 minutes.
- ✓ Then press the pump's "boost" mode (red button) to continue inflation.


MICHELIN

V. INSTALLATION

- ✓ The structure is fully inflated when it becomes rigid. You can then turn off the pumps.
- ✓ Once inflation is complete, close all the clamps.
- ✓ Repeat the same operation for the upper frame.



12

6. Inflate the feet of the structure

4 people + 2 Air T required

- ✓ Unscrew the upper ring of the plug located on the lower frame of the structure and connect the pump.

Make sure the clamps are open so that air can circulate through the feet and the rest of the structure.

- ✓ Install two Air T supports on one side of the structure to help it stand upright.



Air T


MICHELIN

V. INSTALLATION

- ✓ Once the feet are sufficiently inflated, you can move the Air T supports to the other side of the structure to help it stand upright in turn.



- ✓ Once the structure is fully inflated, you can turn off the pumps and close the cap.
- ✓ After inflation is complete, you can close all the clamps.



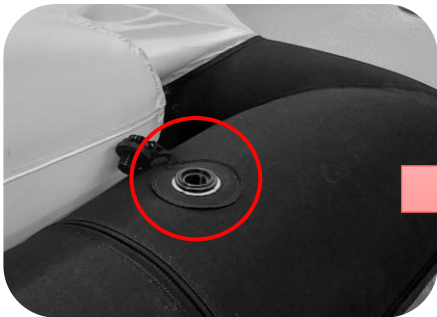
VI. DISMANTLING

The dismantling time is **45 minutes** (deflating included).

1. Deflate the structure

Do not use the pump to deflate the structure, as this could damage it.

- ✓ Before deflation, open all the clamps.
- ✓ First, deflate the feet on one side of the structure (see photo no. 2) by unscrewing the lower ring of the caps. Guide the structure as it lowers.
- ✓ Then, open the caps on the lower and upper frames and let the structure empty itself of air.



Step 1

Deflate the feet on one side of the structure.

Step 2

Then deflate the second length.

14



MICHELIN

VI. DISMANTLING

2. Folding

✓ Once enough air has escaped, fold the structure using **successive symmetrical folds** : fold the frame in half (photo no. 1), then fold it in half again (photos no. 2 and 3), then roll the structure onto itself (photo no. 4).

✓ To help release the remaining air from the bladders, flatten them.



15

✓ Finally, slide the folded structure into the bag.


MICHELIN

VII. PROBLEM SOLVING

If you encounter any of the following problems, please follow the recommendations below :

- The non-return valve detaches from the valve during inflation ⇒ Simply close the cap to obtain a good sealing, this valve is a safety device.



- Eyelets that recess ⇒ Pass a clamp/ wire through the groove in the eyelet. Reposition the eyelet in front of the hole, then pull on both ends of the clamp at the same time so that the eyelet is positioned and protrudes over the PVC protection. Pull on the clamp on one side so that the eyelet moves back into position. The PVC protection must be fully inserted into the groove all around the eyelet.



16

- Inflation problem: the structure does not inflate, or inflates very slowly ⇒ check that the valves are closed properly.
- Inflation problem: the structure does not inflate ⇒ check that all clamps are open



- Leak on the structure ⇒ Clamp all components together to isolate the inner tube, which may be defective.
- Pull-out zipper teeth ⇒ Use a rigid object (wrench, stick, etc.) to align them.

To help you with small repairs, please refer to the repair guide, which can be consulted and downloaded from our website: <https://inflatable.michelin.com/en/after-sales-service-maintenance/repair-guide>


MICHELIN

VIII.MAINTENANCE

1- Maintenance tips

Covers should be folded appropriately to maintain their watertight properties and prevent damage during storage.

You can wash the structure with a jet of water (avoid pressure washing). Use mild detergents: soap, dishwashing detergents, etc.

Wait until the structure is dry before storing it in the transport bag.

Inflation is guaranteed for 48 hours. Before each use, check the inflation.

A repair kit is included in your PACK. In the event of an inner tube leak, remove the tube from the textile sleeve, paying attention to the eyelets at the ends.

17

These "eyelet" fasteners take the form of transparent plastic caps.

Clean the leak area with rubbing alcohol and leave to dry for 1 minute. Finally, apply the self-adhesive patch, pulling the bladder taut. Press the patch back and forth until it adheres, then replace the bladder in the textile sleeve, fastening the ends securely.

To ensure that the repair is complete, perform an initial inflation by isolating the freshly repaired bladder from the rest of the structure.

We recommend regular visual inspection of your product; if you notice any signs of wear, please contact our after-sales service : sav@inflatable.michelin.com

IX. WARRANTY CONDITIONS

The MICHELIN Inflatable Solutions guarantee lasts for one (1) year.

This guarantee covers the following defects:

Leaks from a defective weld.

Valve detachment or valve leakage.

The guarantee does not cover damage resulting from incorrect assembly, incorrect use or resulting from an external cause such as :

Normal wear and tear of components.

Damage due to external aggression.

Damage caused by transport, malicious damage, poor maintenance and in particular cleaning with unsuitable products (please refer to our assembly instructions), falling trees, etc.

18

To benefit from the guarantee, please send us a photo of the product with the reference number or a copy of your invoice to:

commerce@inflatable.michelin.com

Please note that the commercial guarantee does not deprive you of the provisions relating to the guarantee against hidden defects (articles 1641 et seq. of the French Civil Code) or the legal guarantee of conformity (L211-1 et seq. of the French Consumer Code).

The guarantee is limited solely to the replacement of parts (excluding labour) recognised as defective by our company, without any compensation or damages being claimed for material or physical damage caused.

In the event of a return, the following information must appear on the packaging:

Name and address of the sender Name and address of the user Number of our delivery note, invoice, quotation, dimensions of the shelter, reasons for the return.



IX. WARRANTY CONDITIONS

When acting under the legal guarantee of conformity, the consumer :

- ✓ has a period of two years from the date of delivery of the goods in which to take action
- ✓ may choose between repairing or replacing the goods, subject to the cost conditions set out in article L. 211-9 of the Consumer Code
- ✓ is exempt from having to prove the existence of a lack of conformity in the goods during the six months following delivery of the goods. This period is extended to twenty-four months from 18 March 2016, except for second-hand goods.

The legal guarantee of conformity applies independently of any commercial guarantee that may have been granted.

Consumers may also decide to invoke the warranty against hidden defects in the goods sold, as defined in article 1641 of the French Civil Code. In this case, they may choose between rescission of the sale or a reduction in the sale price in accordance with article 1644 of the French Civil Code.

Article L. 211-4 of the French Consumer Code: "The seller is obliged to deliver goods in conformity with the contract and is liable for any lack of conformity existing at the time of delivery. He shall also be liable for any lack of conformity resulting from the packaging, the assembly instructions or the installation when the latter was made his responsibility under the contract or was carried out under his responsibility".

