



Inflatable World

Manufacturers of Inflatable Play Products & Structures

**LOG BOOK FOR INFLATABLE PLAY
EQUIPMENT INCLUDING INSTRUCTIONS FOR
INSPECTION AND OPERATION**

Model:

Size (m) :

Serial No:

Date of Manufacture:

Pipa Tag :

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INFLATABLE OPERATIONAL INSTRUCTIONS

Important: Please read before use

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After purchase the supervision and operation of the inflatable is entirely the responsibility of the purchaser and/or operator. We strongly recommend that the purchaser/operator holds public liability insurance.

Do not erect or use an inflatable when the wind speed is in excess of the maximum safe wind speed for the type of inflatable being used. BS EN14960:2019 recommends no greater than Force 5 on the Beaufort scale, 24 mph or 38km/h. It is not advisable to use an inflatable in prolonged showers or wet conditions due to the increased likelihood of slips and falls.

To ensure the safe operation of an inflatable, it is essential that, when erected outside, all anchorage points should be used at all times. Where the ground is suitable, the inflatable should be secured with anchorage stakes. However, each site should be assessed separately and a suitable anchorage system adopted according to the ground conditions as they may vary (i.e. sand, hard packed earth etc). An equally safe and effective method should be employed when the inflatable is erected on hard standing. The HSE recommends a minimum of 163 kg per anchor point. If used indoors, suitably sized/weighted sandbags should be attached to each anchor point. (Minimum two per anchor point).

An RCD Circuit breaker should be used at all times with the blower/inflation fan.

It is essential that a responsible Adult or adults (min 18 years) be in attendance to supervise the use of the inflatable at all times. The number of any additional supervisors that may be required should be assessed by the principal operator and at least this number should be on duty when the equipment is in operation to ensure its safe use.

When making this assessment, the principal operator should take into account the necessity to control the flow of the public onto and off the inflatable at all times.

To ensure that the public move onto and from and use the inflatable in a safe and controlled manner, the principle operator must ensure that:

- Users remove all footwear (excluding socks).
- Users remove from their person any hard, sharp or any dangerous objects such as pens, purses, phones, buckets, spades, spectacles or the like. **NB.** The step is to assist users getting onto and off the inflatable and at no time should the operator allow anyone to bounce on it.
- Impact absorbing mats be used on any entrance or egress areas of the inflatable.
- There should be no climbing or hanging on the outside walls at any time.
- On an open structure, no one taller than the outside walls, when standing on the inflated bouncing surface, should be allowed to use the inflatable.
- Only users of a similar age/stature should be allowed to use the inflatable together

The principal Operator/Supervisor must ensure that:

- When operating and/or supervising inflatable slides, users are instructed to slide in the seated position only, also that the number of users is strictly in compliance with the numbers shown on the manufacturers instruction label. **NB.** Users must not be allowed on a slide in wet conditions or if the slide is wet.

- Rough/rowdy behaviour must not be allowed and the user's activity on the equipment must be monitored at all times.
- A whistle or other device that attracts attention should be used at the first sign of misbehaviour.
- The inflatable is not overloaded as this would be dangerous. The number of users allowed at any one time on the inflatable is constantly assessed and the maximum number allowed should in no circumstances be exceeded. **NB** the maximum number of users allowed is stated on the inflatable.

Training of supervisors (by the principal operator)

This training should cover but not be limited to the following:

- Each attendant should be provided with sufficient training to ensure the safe operation of the inflatable.
- Method of operation
- Safe loading of the equipment
- Measures necessary to ensure the safety of users and members of the general public
- Methods of safe assembly/dismantling of the equipment (where applicable)
- Safe use of the equipment in inclement weather conditions.
- Daily inspection (when in use)

Each supervisor should be provided with sufficient training to safely carry out the specific types of work that they are expected to do. This training should include but not be limited to:

- Safe anchorage of the equipment
- Requirement for crowd control enclosures
- Control of the public to and from crowd control enclosures
- Associated risks and precautions
- What to do in the event of a power failure or other emergency
- Breakdown/defect reporting procedures.

Inspection

An inspection, incorporating the following checkpoints should be carried out before the first use of an inflatable on each day of use.

On the blower/inflation fan:

- The blower should have no exposed wires or loose screws, bolts etc
- The inlet and outlet mesh guards are secure and intact
- No sockets or switches are damaged
- Electrical cables are not chafed or worn
- Plugs are intact
- The blower/inflation tube connection is good

On the inflatable:

- Anchor points are intact and not damaged
- Anchor ropes are not chafed or worn
- Anchor stakes are sound and good for continued use
- Wall-to-tower fixings are not torn

- The surface seams of the bed and step/front apron are free from rips or holes
- When fully inflated, the bed and step/front apron has sufficient pressure to give a firm and reliable footing, and all walls and towers (when fitted) are firm and upright.
- The equipment should not be used prior to an inspection being carried out, and only then when any adjustments or repairs judged necessary as a result of the inspection have been satisfactorily carried out.

Testing

Operators should take note of Health and Safety requirements in relation to the intervals at which the testing of leisure inflatables should be carried out.

Blower/Inflation fan

It is recommended that the blower/inflation fan should be PAT tested at least once in every 12 month period. The Portable Appliance (Class1) test is applicable.

Additional directions for new owners

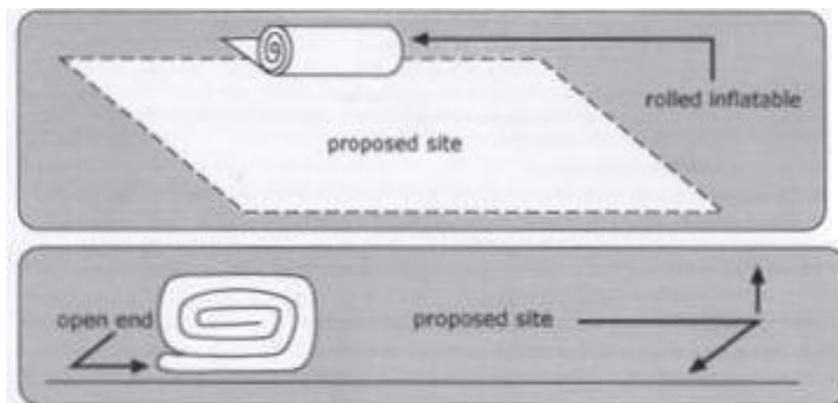
New owners should note that inflatables used in the amusement/leisure industry are relatively simple pieces of equipment to operate and with due care and attention and caution where necessary, you will be able to use your inflatable safely.

Ensure that the vehicle in which you are transporting the inflatable is clean and free from sharp and protruding corners or sharp objects.

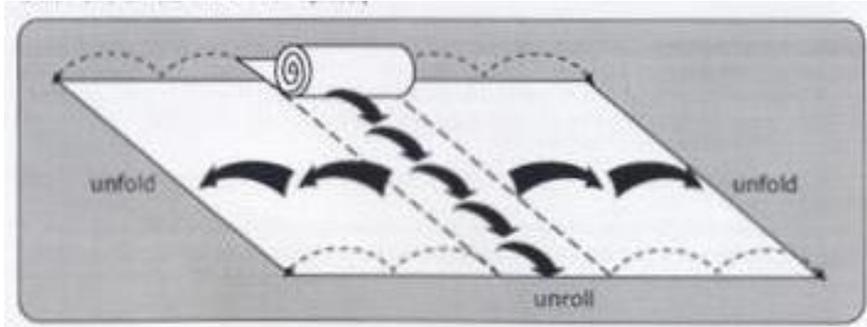
Inspect the proposed site. Although the equipment may be erected on most surfaces, the site should be inspected for any nails, sharp rocks, wood etc. You should also ensure that there are no sharp corners or obstructions in the area where the customers will exit and enter the inflatable. If the unit is to be erected on an abrasive surface such as gravel, asphalt or wood, it is advisable to spread a sheet of plastic or a tarpaulin underneath to give the equipment extra protection.

Unrolling the unit

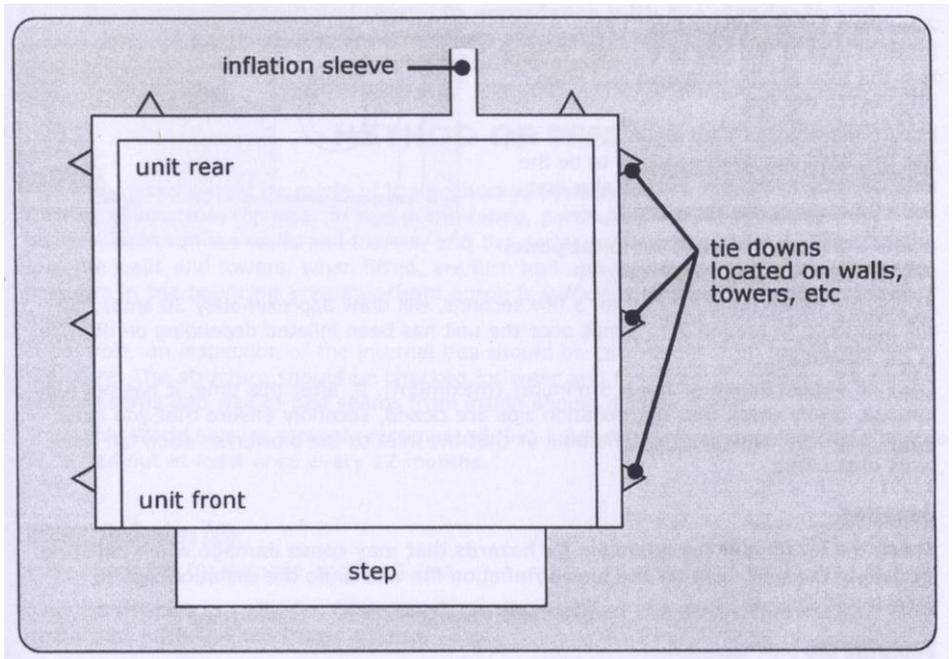
Ensure that sufficient space is allowed for the unit when unrolled.



Ensure that the open end is facing away from the site and is at the bottom. Unroll and unfold the unit completely.



Ensure all tie-down points that require rope have a rope attached whilst the unit is still deflated:



Inflation

Try, if possible, to inflate the unit for the first time on a calm, dry day.

Use of the Blower/Inflation fan

There is/are a tube(s) protruding from the rear or the side of the inflatable. The tube is used to attach the blower/inflatable fan to the inflatable.

It is recommended that a safety residual current device is used at all times (RCD).

If an extension cable is used then it is recommended that the diameter of the core wire should not be less than 1.5mm diameter.

SHOULD YOU NEED TO USE A GENERATOR AS YOUR POWER SUPPLY, PLEASE CONTACT INFLATABLE WORLD FOR ADVICE ON THE REQUIREMENTS.

CAUTION- AN INCORRECT GENERATOR, OR ONE THAT IS TOO SMALL COULD CAUSE DAMAGE TO YOUR BLOWER/INFLATION FAN.

Attaching the blower/inflation fan

Attach the blower/inflation fan to the small inflation tube at the rear or the side of the unit. Ensure that the tube is fully extended and firmly attached to the fan.

Ensure that the fan is on stable ground and use the fastening strap provided to tie the inflation tube to the fan. Ensure also that the intake grill is not obstructed.

Attach the blower/inflation fan to the power source. You may now switch on.

At first the blower/inflation fan, for a few seconds, will draw approximately 32 amps, but will then drop to around 5-7 amps once the unit has been inflated depending on the size of the inflatable.

The unit should inflate in about 5 minutes (maximum). If after this time it has not fully inflated, firstly check that the deflation zips are all closed, secondly ensure that you have not in any way damaged the inflatable or that the inlet to the blower/inflation fan has been obstructed or the fan detached.

Deflation

Check the location of the inflatable for hazards that may cause damage when deflating. To deflate the unit, turn off the blower/inflation fan and undo the deflation zips to release the air.

Securing the unit

Once you have ensured that the unit is set up correctly, it must then be secured to the ground with metal stakes or suitably sized/weighted sand bags, before re-inflation and use by the public. At least one metal stake should be used for each anchor point and should be hammered fully into the ground ensuring that the angle between the attachment rope and the stake is as near to 90° as possible. Suitably sized/weighted sandbags should be used if the unit is to be used on sand or similar loose surface; these sandbags should be buried, with a rope tied securely around the middle, to a depth of at least 2ft. If the unit is to be used on a wooden or other hard surface, suitably sized/weighted sandbags can also be used to anchor the inflatable.

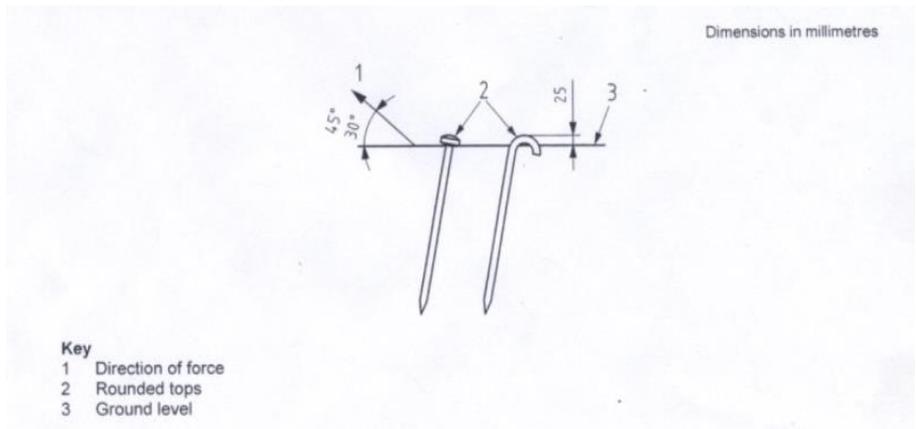
SHOULD YOU HAVE ANY QUERIES ABOUT ANCHORING/TYING DOWN THE UNIT, PLEASE DO NOT HESITATE TO CONTACT US AT INFLATABLE WORLD LEISURE LTD.

CARE MUST BE TAKEN TO AVOID DAMAGING THE UNDERGROUND SYSTEM/SERVICES OR A SOLID FLOOR.

CHECKS, IF NECESSARY, SHOULD BE MADE WITH THE LOCAL COUNCIL TO FIND OUT IF THERE COULD BE ANY UNDERGROUND SYSTEM/SERVICES WHICH MIGHT BE DAMAGED BY THE ANCHOR STAKES.

Fasten the inflatable to the ground by hammering the ground stakes which have been provided, through each ring at an angle of between 30 and 45 degrees until the “hook” of the stake is in contact with the ground and there is no more than 25mm of the hook showing above ground.

THE HEAD OF THE GROUND STAKE MUST LEAN AWAY FROM THE INFLATABLE AS IN THE DIAGRAM BELOW.



The triangular anchor flap should be positioned such that it is not pulled taut, allow 6-8cm play as show in the image below.



The Ground stake should be positioned through the Anchor ring at a position of between 30 and 40 degrees with the head leaning away from the inflatable.



The Anchor ring and stake should look like the below when fixed.



We hereby certify the inflatable structure to which this log book refers has been manufactured and inspected in accordance with the standards and recommendations of the European standard BSEN 14960:2019 for inflatable play equipment.

Next Test Due:	Pipa Number if tagged:

GUIDELINES FOR INSPECTION

Periodic checks should be made of the anchorage system for rips, wear or chafing. Check the structure for wear or rips in the fabric, particularly in the main bouncing surface, between the walls and towers, and the surface of the step/front apron. Check that the walls and towers, when fitted, are firm and upright when inflated and that the pressure in the bouncing area/step/front apron is sufficient to give a reliable and firm footing.

If possible, an inspection of the internal ties should be carried out from inside the structure. The structure should be checked for wear and for tears. Checks on the state of bed seams and wall to bed seams from inside should also be made.

Inflatable World Leisure strongly recommend that a full safety inspection of the inflatable is carried out at least once every 12 months.

Blower/Inflation fan

Fully check fan for damage and PAT test.

GUARANTEE:

In addition to our Terms and Conditions of Sale, the inflatable structure to which this Log Book refers is guaranteed for 12 months from the date of purchase. Removal or defacement of the identity and instructional labels carrying the serial numbers of the fan or inflatable invalidates the guarantee and inspection report.