

Installation & Operation Guide



Bluemaster[®] Forecourt Stations

AdBlue[®] Storage and
Dispensing Stations

- 5,000 Ltr
 - 10,000 Ltr
 - 15,000 Ltr
 - 20,000 Ltr
-

Thank you for purchasing
a Bluemaster[®] Forecourt Station!

*This installation guide is effective from
1st March 2016*



**Australian
Owned and Made**

- industrial.polymaster.com.au
- 1300 062 064

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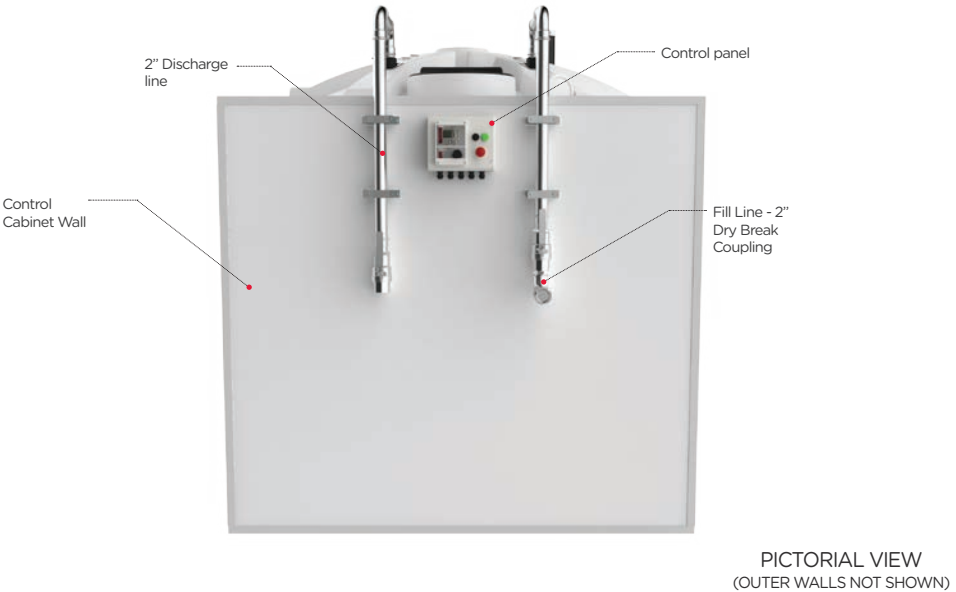
W. industrial.polymaster.com.au

1. Conditions of use

- Read this manual and relevant factory fitted equipment manuals completely before installing, working on or making adjustments to this Bluemaster Station.
 - General industry practices for this type of equipment must be followed in addition to the warnings and procedures contained in this document.
 - Failure to comply with the information contained in this document and with general industry practices could result in injury and or damage to equipment and property and may cause poor performance of your Bluemaster station.
 - Polymaster Industrial reserves the right to change the information in this manual and/or the specification of the equipment without notifying its users.
 - Due to variations in installation and operating conditions affecting the equipment's performance, Polymaster Industrial makes no guarantee of the actual performance of the equipment under the actual operating conditions of any site. A technical expert or engineer engaged by the owner should validate all operating conditions for each application.
 - This manual is intended as a general guide. For specific guidance and technical support contact Polymaster Industrial using the contact details in this manual.
 - Only parts supplied by or approved by Polymaster Industrial may be used and no unauthorised modifications to the equipment may be made. The use of non-approved parts or modifications will void all warranties.
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- Every effort has been made to ensure the accuracy of this manual. Polymaster Industrial assumes no responsibility for and accepts no liability for any technical inaccuracies or typographical errors.

2. Product specifications

2.1. PRODUCT DRAWING



2.2. PRODUCT SPECIFICATIONS

CAPACITY	SAFE FILL	WEIGHT	LENGTH OA	WIDTH	HEIGHT
5,000Ltr	4,750L	900Kg	4480mm	1265mm	2525mm
10,000Ltr	9,500L	1400Kg	5270mm	2165mm	2525mm
15,000Ltr	14,250L	1850Kg	7445mm	2165mm	2525mm
20,000Ltr	19,000L	2250Kg	8030mm	2365mm	2700mm

* Note: Weights will vary depending on level of optional equipment included in build.

3. Site preparation

- This Bluemaster forecourt station requires a solid concrete base.
- The base should extend beyond the external dimensions of the station by a minimum of 200mm on all sides
- The base must be engineered to carry the full weight of the station and its contents for each specific installation/site.
- The base must be level and free from cracks and control joints.
- Installation must only take place once concrete is fully cured.
- Clear access to the site is required to allow the delivery truck and a suitable mobile crane to place the station onto the slab.
- Clear access to the roof of the station must be maintained to allow installation and maintenance personnel to enter the inspection port.
- Clear access to the front of the station (door) must be maintained at all times.

4. Pre installation checks

- Visually inspect the station before installation for transit damage.
- Check all pipework, pipework supports, electrical cabinets and cabling for damage.
- Visually check the integrity of all lifting points.

5. Installation

5.1 MECHANICAL INSTALLATION

- The station must only be lifted using all the provided lifting points.
- The use of spreader beams and slings is required to prevent damage to the walls when the station is lifted
- The station must be positioned in the final correct position with the use of the crane. The station must not be pushed, dragged or levered once the full weight is resting on the base.
- Upon final positioning, a minimum 18mm high tensile chemical anchor must be used in each corner through the point provided.
- The access panel in the side of the station must be used for all pipe and conduit penetrations.

5.2 ELECTRICAL INSTALLATION

- Electrical connections must be carried out by a qualified electrician
- A dedicated 240volt 15amp supply is required for connection.
- RCD and surge protection is required on the supply.
- Supply cabling must be of sufficient size to ensure adequate current and voltage for the maximum pump requirement. (see pump manual and specification sheet)
- Additional electrical equipment and connections including relays, inverters, transformers for remote filling and dispensing points, must be contained in a separate junction/control housing.

6. Commissioning and testing

- Visually inspect to ensure the pump has not moved during transport and positioning.
- Check all pipe connections are tight.
- The station must be filled to a minimum of 20% of capacity for testing.
- While filling test the operation/integrity of level indicator, high and low level alarms, and filling pipework/valves.
- Test run the pump until flow and pressure are established.
- Check all pipework for leaks.
- Check current draw of pump (amps), while running, to ensure it is within manufacturer's specifications. (see pump manual and specification sheet)
- Test all factory fitted equipment including the control box and indication lights.

7. Alarms

- The high level alarm indicates over filling of tank. - Dispense product until alarm resets.
- The low level alarm indicates that the product level is too low for pump operation and tank requires refilling.
- The bund alarm indicates a tank or pipework failure or leak, major overfill, or stormwater ingress allowing liquid in the bund compartment.
- The cause of any bund alarm must be investigated and rectified immediately.

8. Service and maintenance

- Bluemaster stations require regular servicing by an authorised agent to keep the equipment in good working order
- Service requirements will vary depending on location and usage
- 6 monthly maximum service intervals
- Relevant manufacturer's recommendations for all factory fitted equipment must be followed.

SERVICE MUST INCLUDE;

- Removal of pump to inspect and test pump seals
- Testing pump motor windings resistance
- Testing pump amp draw
- Testing and calibration of level monitoring system/s
- Testing of all alarm operations
- Testing of Jobe valve over fill protection operation
- Inspection of all pipework for leaks
- Clean and test dry break coupling operation if fitted

9. Manufacturer's Warranty Terms and Conditions



1. PROVIDER

This manufacturer's warranty is provided by Polymaster Pty Ltd
 ACN 115 704 384; ABN 40 115 704 384
 (Manufacturer).

The Manufacturer's contact details are as follows:
 Address: 229 Karinie Street, Swan Hill, Victoria,
 3585 AUSTRALIA
 Postal: Locked Bag 4001, Swan Hill, Victoria, 3585
 AUSTRALIA
 Telephone: 1300 062 064
 Fax: 1300 330 224
 E-mail: industrial@polymaster.com.au

2. TERMS OF WARRANTY

(a) Subject to sections 2(b) and 3 to 10 below (both inclusive), if a defect in a component or part of the Bluemaster Forecourt Station (Container/Vessel) supplied by the Manufacturer and described in the first column of the table below (the Container/Vessel and each such component or part of it being a Product) occurs as a result of defective materials or defective manufacture within the period set out opposite the relevant Product in the second column of the table below, the Manufacturer will, in its absolute discretion, replace or repair the defective Product (or the Product of which the defective Product is a component or part) free of charge (but subject, in particular, to sections 7 and 8 below):

PRODUCT	WARRANTY PERIOD
All electrical/electronic control and level indication equipment	12 months starting on the Purchase Date (see below)
Pumps, pipework and valve equipment	12 months starting on the Purchase Date (see below)
Tanks, framework, bund and housing and other components or parts not described above in this table	60 months starting on the Purchase Date (see below)

Purchase Date, as used in the table above and elsewhere in this warranty, means, in relation to a Product, the date on which the Product was sold to the person or entity that purchased it new from the Manufacturer or from an authorised dealer, distributor or reseller of the Manufacturer (Original Purchaser), as evidenced by the invoice, sales docket or delivery docket issued by the Manufac-

turer or authorised dealer, distributor or reseller (as applicable).

(b) If any component or material (including, without limitation, polyethylene) used by the Manufacturer in the manufacture of a Product was supplied by a third party (Third Party Supplier) to the Manufacturer (Third Party Component or Material), the liability of the Manufacturer under the warranty in section 2(a) above in respect of any defect in the Third Party Component or Material is limited to:

- (i) the liability which the Manufacturer would have in respect of the defect in the Third Party Component or Material under section 2(a), but for this paragraph (b); or
- (ii) the amount or benefit which the Manufacturer is entitled to claim from the Third Party Supplier under any warranty against defects in respect of that Third Party Component or Material expressly given by the Third Party Supplier to the Manufacturer, whichever is the lesser (in value).

3. CONDITIONS OF WARRANTY

In order to be able to claim under the warranty set out in section 2 above, the Original Purchaser must:

- (a) complete the warranty card appearing at the end of, or accompanying this document, and return the completed warranty card to the Manufacturer (or register for the warranty on-line following the instructions on the warranty card) within 30 days after the Original Purchaser takes delivery of the relevant Product;
- (b) service and maintain the Product strictly in accordance with the applicable product manual supplied by the Manufacturer; and
- (c) keep the originals of all invoices, sales dockets and delivery dockets issued by the Manufacturer or authorised dealer, distributor or reseller from whom the Original Purchaser purchased the Product as proof of purchase and the date on which the Original Purchaser took delivery of the Product.

4. ONLY ORIGINAL PURCHASER MAY CLAIM

Only the Original Purchaser may claim under the warranty in section 2 above. The warranty is not transferable, including to any subsequent purchaser or transferee of any Product.

5. WHAT IS NOT COVERED BY THE WARRANTY

The Manufacturer will not be liable under the warranty in section 2 above:

- in relation to a Container/Vessel or any component or part of it, if the serial number or other identification code imprinted on or otherwise affixed to

the Container/Vessel or any part of it is removed, defaced or altered; or

• to the extent that a defect in a Product has been caused or contributed to by:

- (a) any accident, contamination, tampering, wilful damage, vandalism, improper storage, improper use (including, without limitation, of the contents) or negligent act of, or omission by, any person other than the Manufacturer;
- (b) the installation of the Container/Vessel other than strictly in accordance with the applicable Product manual supplied by the Manufacturer, or the deterioration of the base on which the Container/Vessel rests;
- (c) the use of the Container/Vessel for any purpose other than the static storage, in one fixed position, of DEF® solution containing no more than 32.5% urea at ambient temperature;
- (d) any damage to the Container/Vessel caused by storm, tempest, wash away, landslide, mudslide, lightning, hailstorm, hurricane or any other natural phenomenon, vermin or other pests, and any subsidence or undermining of the base of the Container/Vessel through any cause whatsoever;
- (e) the repositioning of the Container/Vessel from its original point of installation;
- (f) reasonable weathering/degradation over time;
- (g) someone walking on, or applying any load to, the top of the Container/Vessel beyond a maximum load of 120kg;
- (h) environmental factors including, but not limited to, airborne fallout, chemicals, tree sap, salt, ocean spray, acid rain and extreme UV;
- (i) reasonable wear and tear of product through constant use;
- (j) any repair of the Product by non-qualified persons, or where non-original parts have been used in repairing the Product or any component or part of it;
- (k) any modification to the Product or any component or part of it not authorised by the Manufacturer in writing; or
- (l) any failure to service and maintain the Product strictly in accordance with the applicable product manual supplied by the Manufacturer.

6. HOW TO MAKE A CLAIM AND CLAIM PROCESS

(a) If the Original Purchaser believes they have a claim under the warranty in section 2 above, the Original Purchaser must, within fourteen (14) days after the Original Purchaser becomes aware of a defect in a Product:

- (i) notify the Manufacturer in writing at the address shown in section 1 above, giving reasonable details of the claimed defect; and
- (ii) send a copy of the documents referred to in paragraph (c) of section 3 above to the Manufacturer (the Manufacturer reserves the right to inspect the originals of such documents as a condition to

accepting any claim).

(b) Once the Manufacturer has received a claim from the Original Purchaser and made an initial assessment of it, the Manufacturer will contact the Original Purchaser to let them know what action the Manufacturer proposes to take.

(c) In order to make a proper assessment of the claim, the Manufacturer or its authorised representatives will need to attend the premises where the Product is located to inspect it. The Original Purchaser must give the Manufacturer access to those premises and the Product during normal business hours or at such other time or times as agreed between the Manufacturer and the Original Purchaser. The Manufacturer will endeavor to give the Original Purchaser reasonable notice of when it proposes to inspect the relevant Product.

(d) The Original Purchaser must promptly give the Manufacturer all information relevant to the claimed defect reasonably requested by the Manufacturer or its authorised representatives.

(e) The Manufacturer will notify the Original Purchaser as soon as practicable after the Manufacturer has determined whether the claimed defect in a Product is covered by the warranty in section 2 above. The Manufacturer will not be in a position to make such a determination until it or its authorised representative has inspected the relevant Product and considered all relevant circumstances in respect of the claimed defect, and all information requested by the Manufacturer under paragraph (d) above has been provided by the Original Purchaser, and the Manufacturer has had a reasonable opportunity to consider that information.

(f) The Manufacturer will not be bound to consider any claim which is not made in accordance with, or in respect of which the Original Purchaser has not complied with, this section 6.

7. COSTS TO BE BORNE BY THE ORIGINAL PURCHASER

(a) The Original Purchaser must bear all costs associated with submitting a claim under the warranty in section 2 above, including without limitation, the costs of attending to all matters which the Original Purchaser is required to attend to under section 6 above.

(b) If the Manufacturer determines that any defect in a Product claimed by the Original Purchaser is not covered by the warranty in section 2 above:

- (i) the Original Purchaser must pay or reimburse to the Original Purchaser on demand all costs and expenses incurred by the Original Purchaser associated with inspecting the relevant Product (including costs and expenses charged to the Manufacturer by third parties such as contractors); and
- (ii) if the Original Purchaser notifies the Manufacturer that it still wishes the Manufacturer to repair the defect, the Original Purchaser must pay the Manufacturer the costs of such repairs (as notified

by the Manufacturer to the Original Purchaser. This paragraph (b) does not limit any rights the Original Purchaser may have under the Australian Consumer Law.

(c) If the Manufacturer determines that any defect in a Product claimed by the Original Purchaser is covered by the warranty in section 2 above, and the Manufacturer incurs costs which section 8 below says that the Original Purchaser is responsible for, the Original Purchaser must pay or reimburse the Manufacturer for those costs.

8. CONDITIONS APPLYING TO REPLACEMENT OR REPAIR OF A CONTAINER/VESSEL UNDER WARRANTY

(a) Any repair work in respect of a Product arranged by the Manufacturer in response to a valid claim made under the warranty in section 2 above: (i) will be undertaken within [90 days] after the Manufacturer notifies the Original Purchaser that its claim has been accepted by the Manufacturer or, if it is not possible for the Manufacturer to do so within that period due to fire, earthquake, unusually severe weather, industrial action, strikes, government sanctioned embargo, flood, an act of God, war, act of terrorism, act of a government agency or civil disorder and any other similar event which is beyond the Manufacturer's control (Force Majeure Event), as soon as reasonably practicable after the relevant Force Majeure Event no longer subsists; (ii) at ground level; and (iii) may be undertaken by the Manufacturer's own personnel or, at the Manufacturer's discretion, a qualified third party repairer it nominates.

(b) Container/Vessels that are located on stands must be brought down to ground level before the Manufacturer or its authorised representatives can commence replacement or repair work. The Original Purchaser will be responsible for all costs and expenses associated with bringing Container/Vessels down from stands or digging them out of the ground for replacement or repair work.

(c) The Original Purchaser will also be responsible for all landscaping, plumbing and electrical works and the cost of the lifting equipment and associated labor hire for any repair or replacement work.

(d) Any defective Product the Manufacturer decides to replace, and any defective part or component that is removed in the course of repairing a Product, will become the property of the Manufacturer.

9. EXCLUSION OF ALL OTHER WARRANTIES AND LIMITATION OF MANUFACTURER'S LIABILITY

(subject to section 10 below)

(a) Except for the warranty in section 2 above, the Manufacturer excludes all warranties and guarantees in connection with all goods and services (or advice regarding goods or services) supplied to the Original Purchaser or any other person or entity, other than those which may not be excluded under the Australian Consumer Law or other relevant leg-

islation. For the avoidance of doubt, this exclusion includes an exclusion of all conditions and warranties implied by custom, the general law or statute and for damages suffered by the Original Purchaser or any other person or entity arising in any way out of the supply, delay in supplying or failure to supply goods or services.

(b) The Manufacturer's liability under any guarantee, condition or warranty implied or stipulated by the Australian Consumer Law or similar legislative provision which may not be excluded but may be limited in any of the following ways, is limited at the Manufacturer's option to:

(i) in the case of goods supplied by the Manufacturer:

(A) the replacement of goods or the supply of equivalent goods;

(B) the repair of goods; or

(C) the refund of the price paid for goods; or

(ii) in the case of services supplied by the Manufacturer:

(A) the supply by the Manufacturer of the services again; or

(B) the refund of the price paid for the services.

(c) The Manufacturer is not liable for any indirect or consequential loss however described (including, without limitation, loss of profits), except for any such liability which may not be excluded by force of the Australian Consumer Law or similar legislative provision.

10. STATUTORY NOTICES TO CONSUMERS

(a) If the Original Purchaser is a consumer under the Australian Consumer Law in connection with the supply or acquisition of goods or services to which the warranty in section 2 above applies, then the benefits to the Original Purchaser given by that warranty are in addition to other rights and remedies of the Original Purchaser under the Australian Consumer Law and similar legislative provisions.

(b) If:

(i) the Original Purchaser or other person or entity is a consumer under the Australian Consumer Law in connection with the supply or acquisition of goods or services supplied by the Manufacturer; and

(ii) the Manufacturer's liability under any guarantee stipulated by the Australian Consumer Law may not be excluded or limited as set out in section 9 above by force of the Australian Consumer Law,

the following statement applies: Our goods come with guarantees that cannot be excluded under the Australian Consumer Law. You are entitled to a replacement or refund for a major failure and compensation for any other reasonably foreseeable loss or damage. You are also entitled to have the goods repaired or replaced if the goods fail to be of acceptable quality and the failure does not amount to a major failure.

Warranty Card



Please register online at warranty.polymaster.com.au
to activate your warranty.



If you are unable to access this page online you can complete the
below fields and return this form to Polymaster: Attn: Warranty Dept.
Locked Bag 4001 Swan Hill VIC 3585

PRODUCT CODE : _____

COLOUR: _____

SERIAL NUMBER : _____

FULL NAME: _____

ADDRESS (LOCATION OF TANK) : _____

DAYTIME TELEPHONE NO. _____

EMAIL ADDRESS _____

DATE OF PURCHASE: _____

(Please ensure all fields are completed to ensure validity)



**Thank you for
purchasing with
Polymaster**

Polymaster Industrial

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