

ADBLUE®PUMP 12V / 230V FOR DRUMS AND IBCs

INSTRUCTION MANUAL
Reference 973706





Dear Customer,

First of all, we would like to thank you for placing your trust in us by purchasing our product.

Your new device has been designed and manufactured using the latest technology to ensure its safety.

Please note that before using the device for the first time, you must carefully follow the instructions below. These will enable you to use your device in optimal conditions and ensure its longevity.

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Before you begin

Intended use of

Your new device has been designed and manufactured using the latest technology to ensure its safety. The semi-stationary design of this device is intended for transferring AdBlue® in the agricultural, construction, industrial and automotive sectors at temperatures ranging from -5°C to +30°C.

The device must not be used outside the permissible performance restrictions.

► *Technical data – p. 7.*

It must not be used to transport substances other than those mentioned in this manual.

The pump should therefore be used primarily for AdBlue®, water, coolant or windscreen washer fluid.

Any other type of use is inappropriate. Misuse or modifications to the device, as well as the use of components that have not been tested and approved by the manufacturer, could cause unforeseen damage!

Any use that deviates from the intended use and is not included in these instructions is considered unauthorised and releases the manufacturer from its legal liability.

What do the symbols mean ?

Information and hazard warnings are clearly indicated in these instructions for use. The following symbols are used:



Type and source of hazard!

Failure to observe this hazard warning may result in physical injury or death.



Type and source of danger!

This hazard warning cautions against possible damage to the device, the environment or other property.



Information

This symbol indicates information that may help you to better understand the processes involved.

For your safety

General safety instructions

- For safe use of this device, the user must have read and understood these operating instructions before using the device for the first time.
- Follow all safety instructions! Failure to follow these instructions may result in injury to yourself and others.
- Always keep the operating instructions handy.
- If you sell or transfer the device, you must also hand over these instructions for use.
- This device should only be used if it is in good working order. If the device or any part of it is defective, have the necessary repairs carried out by a specialist.
- The device must not be used in areas where there is a risk of explosion or near flammable liquids or gases.
- Always ensure that a device that has been switched off cannot be restarted unintentionally.
- The device must not be used with a frequency converter.
- We recommend that our customers take the necessary precautions: wear gloves and safety goggles.
- In case of contact with the eyes, rinse immediately with clean water.

- Keep children away from the appliance! Keep the appliance out of reach of children and other unauthorised persons.
- Do not overload the device. Do not use the device for purposes other than those intended.
- Be careful and only use the device in good conditions: If you are tired, ill, or have consumed alcohol, medication or drugs, do not use the device as you are not in a fit state to use it properly.
- This product is not intended for use by persons lacking experience and/or knowledge of the product unless they are supervised or have been instructed in the use of the product by a person responsible for their safety.
- Ensure that children do not play with the appliance.
- Always comply with applicable national and international safety, health and work regulations.

Electrical safety

For use with 230V:

- The appliance must only be connected to a socket that is correctly installed and earthed.
- Ensure that the power supply matches the connection specifications of the appliance before connecting it.
- The device must only be used within the specified voltage and power limits.
- Do not touch the mains plug with wet hands! Always disconnect the mains plug at the socket, not the cable.
- Do not twist, pull or roll on the power cable; protect it from sharp edges, oil or heat.
- The appliance must not be lifted by the cable; the cable must not be used for any purpose other than that for which it is intended.
- Check the plug and cable before each use.
- If the power cord is damaged, please unplug it as quickly and safely as possible. Never use the appliance when the power cord is damaged.
- When the appliance is not in use, ensure that the plug is unplugged.
- Ensure that the device is switched off before connecting the mains plug.
- Ensure that the device is switched off before disconnecting it.
- Disconnect the power supply before transporting the device.

For 12 V use:

- Ensure that the cable is not damaged.
- The crocodile clips must not touch each other.
- Do not touch the crocodile clips with wet hands.
- Do not touch the crocodile clips when using the product.
- The clips must not come into contact with any fluids.

Maintenance

- Before performing any maintenance on the appliance, please disconnect the mains plug.
- Only the maintenance and troubleshooting tasks described in this manual may be carried out. Any other tasks require the manufacturer's approval and must be carried out by a specialist.
- Only use original spare parts. Only these spare parts are designed and suitable for the device. The use of other spare parts will not only void the warranty but could also endanger you and your environment.
- During long periods of inactivity, we recommend draining the pump, suction tube and discharge hose.
- In the event of prolonged storage and inactivity, clean the pump with demineralised water.

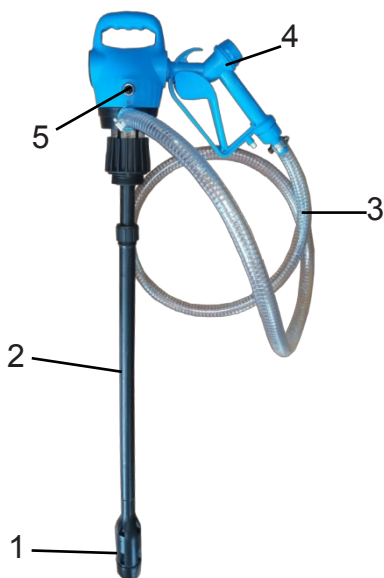
Safety instructions specific to the device

- Do not use the device in areas where there is a risk of explosion or near flammable liquids or gases.
- Do not point the discharge hose directly at the device or other electrical components! There is a risk of fatal injury from electric shock!
- Lay the extension cable so that it does not come into contact with the pumped liquid.
- Do not install or activate the unit when people or animals are in the delivery area or in contact with the delivered liquid.
- Do not leave the unit unattended. If the unit is to be left unattended for a period of time, disconnect it from the power supply.
- As a general rule, repairs may only be carried out by an electrician. Incorrect repairs could result in liquid entering the electronic components of the appliance.
- The symbols on your device must not be removed or covered. Information on the device that is no longer legible must be replaced immediately.



Please read and follow the instructions for use before starting operation.

Overview of your device:



1. Motor
2. Suction pipe
3. Discharge hose
4. Manual plastic spray gun
5. On/off switch

The product is sold with 3 adapters:

- 1 adapter for IBC (fitted to the product as standard)
- 2 adapters for AdBlue® drums

al data

Power supply	AC	DC
Nominal voltage	100 - 240 V 50/60 Hz	12 V
Power supply	AC -> DC adapter	4m cable with clamps
Max flow rate	13 L/min	
Fluid temperature	-5°C to +30°C	
Flexible discharge length	2.5 m	
Suction tube dimensions	850 to 1245 mm	
Start-up type	On/off switch with LED indicator	
Weight	3.7 kg	
Carton dimensions	1150 x 190 x 160 mm	

Unpacking and setting up for use

Installation

- Upon receipt of the goods, check the condition of each unit of your product.
- When transporting the product, never lift it by the power cable.
- The device must be positioned in such a way that it is protected from falling. Additional legal requirements must also be observed.
- Before starting, check the suction line and ensure that it is completely sealed. The presence of air bubbles in the suction line indicates possible leaks that could lead to malfunction of the device!
- Do not start the pump without first screwing on the connector.

Connecting the discharge



Risk of damage to the device!

The discharge pipe must be installed in such a way that no mechanical force or tension is exerted on the pump.

- All connections must be sealed with sealing tape (e.g. Teflon® tape) or another similar sealing product compatible with AdBlue®; leaks can cause air to escape and reduce or prevent the fluid from escaping.
- All components of the discharge line must be pressure-resistant.
- All components of the delivery line must be professionally installed.



Risk of injury!

If the components are not pressure-resistant or are installed incorrectly, the pressure line could rupture during use. Risk of injury from escaping liquid!



Danger of death from electric shock!

Do not allow electrical cables to remain submerged in the liquid.



Information

The device must only be used for suctioning AdBlue®. It must not be used for other fluids.

Electrical connection

The device may only be used under the following conditions:

- The pump must only be operated with a suitable cable or extension cord. The cable reel must be completely unwound during use.
- The device must only be connected to sockets with protective contacts that have been professionally installed, earthed and inspected.
- The supply voltage and fuse protection must comply with the technical data.
- When used outdoors, electrical connections must be waterproof and must not come into contact with liquids.
- Depending on the desired power supply, connect either the cable with crocodile clips for a 12V power supply or the cable equipped with a transformer for a 230V power supply.
- The clamps must not come into contact with each other under any circumstances.

Operation



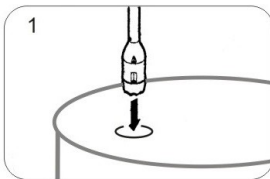
Risk of damage to the device!

The pump operates in 15-minute cycles: 15 minutes of use followed by 15 minutes of rest.

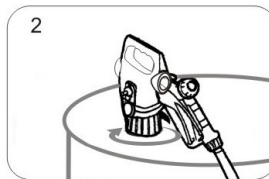


Information

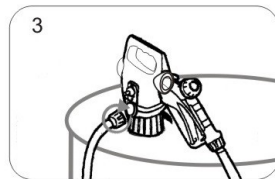
Depending on the tank used, equip your pump with the appropriate adapter.



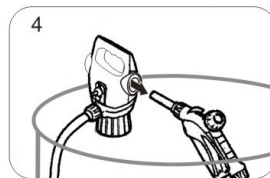
1. Insert the suction tube into the hole of the drum



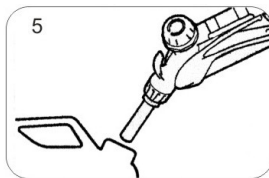
2. Screw the bung hole plug onto the drum



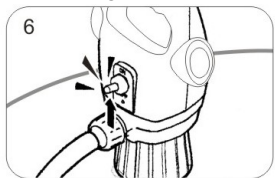
3. Screw the discharge hose onto the connector grooved



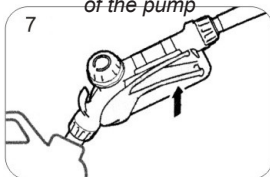
4. Remove the spray gun from the holder on the side of the pump



5. Place the gun in the tank to be filled to transfer the fluid



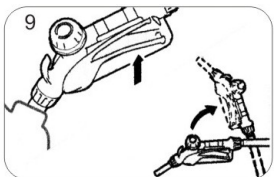
6. Set the switch to the ON position (up)



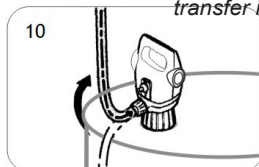
7. Pull the trigger



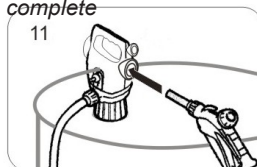
8. Set the switch to the OFF position (down) when the transfer is complete



9. Remove the gun from the tank



10. Lift the gun and delivery hose to allow the fluid to flow back into the drum



11. Replace the gun in its holder

Faults and troubleshooting measures

When something is not working



Risk of injury!

Improper repairs can lead to malfunctioning unsafe operation of the device. This could put you in danger and harm your environment.

In many cases, minor faults can lead to malfunctions. Depending on the problem, you may be able to fix it yourself. Please consult the following table before contacting your local dealer. This could save you time and money.

Error/Failure	Cause	Correction
The pump does not start	No power supply?	Check cables, sockets, clamps and fuse.
	Switch in the "ON"?	Check that you have pressed the switch.
	Is the switch faulty?	Contact your dealer.
	Is the motor faulty?	Contact your dealer.
The pump is not suctioning Flow rate too low	Is the suction pipe blocked?	Clean it.
	Is the suction pipe damaged?	Replace it.
	No fluid?	Check that there is liquid in your barrel.
	Is the motor faulty?	Contact your dealer.

Ordering spare parts

When ordering spare parts, please provide the following information:

- Range
- Order number
- Serial number
- Year of manufacture
- Quantity of spare parts
- Delivery address
- Shipping method

Storage

If there is a risk of frost, dismantle the appliance and accessories, clean them and store them in a frost-free location.



Risk of damage to the device!

Frost can damage the device and its accessories as they contain liquid at all times.



Risk of damage to the device!

Domestic tap water must not be used to clean the pump and its accessories.

Disassembly, storage and

1. Switch off the device and disconnect the mains plug.
2. Empty the suction tube.
3. Disassemble the device's discharge pipe.
4. Store the device in a room with a temperature between 0 and 30°C.

Decommissioning and decommissioning

Decommissioning the appliance

Devices bearing a label with the symbol shown on the right must not be disposed of with household waste. You must dispose of your old electrical and electronic equipment separately.

Please contact your local authority and ask about disposal in accordance with local regulations.

By separating it from your waste, you are helping to recycle your old equipment or reuse it in some other way. This will help prevent hazardous materials from entering the environment.



and packaging recycling

The packaging consists of cardboard and plastics that can be recycled. It is prohibited to dispose of your waste on public roads.

- Recycle these materials.

Guarantee

The products are designed according to very strict quality standards.

RENSON International guarantees its products for 24 months from the date of purchase, as evidenced by the invoice. This warranty applies to any material and manufacturing defects.

For the warranty to be valid, the following conditions must be met:

- The date of purchase can be proven by a receipt.
- The device has been handled properly and in accordance with the instructions in the user manual.
- No damage caused by external factors or foreign objects such as sand or stones is visible.
- No repair attempts have been made, either by the customer or by a third party.

Defects due to wear and tear are not covered by the warranty. This applies in particular to switches, circuit breakers, turbines and mechanical seals.

A warranty repair does not extend the initial term of the contractual warranty.

If you wish to make a claim under the warranty, please contact your dealer or the nearest authorised after-sales service centre with your proof of purchase.

Declaration of conformity

We hereby certify that the product described above complies with the essential health and safety requirements of the European Directives and the standards listed below in terms of its design, construction and the version we have placed on the market. Any modifications made to the machine without our consent will invalidate this declaration.

European directives:

- 2006/42/EC Machinery Directive
- 2014/35/EU Low Voltage Directive
- 2014/30/EU Electromagnetic Compatibility Directive

Harmonised standards applied:

- EN 60335-1: 2012+A11: 2014
- EN 60335-2-41: 2003+A1: 2004+A2; 2010
- EN 62233: 2008
- EN 61000-6-3: 2007+A1: 2011
- EN 61000-3-2: 2014
- EN 61000-3-3: 2017
- EN 61000-6-1: 2007
- EN 60204-1: 2006+A1: 2009
- EN ISO 12100: 2010
- EN 8009: 1998+A1: 2009



Léopold Chesnel

Production and Supply Chain Manager



's declaration of non-harmfulness

To be completed by the customer:

Type:
 Order no.: Delivery
 date: Application:
 Pumped fluid:

Tick the appropriate logo:

Flammable


☐

Explosive


☐

Corrosive


☐

Toxic


☐

Radioactive


☐

Biologically hazardous


☐

Harmful


☐

Non-harmful


☐

Reason for return:

Ensure that the product has been thoroughly drained before returning it.

This document certifies that the product no longer contains any chemical, biological or radioactive substances.

Furthermore, we certify that the above information is accurate and complete.

Done at: on

Signature:

Company stamp:



Follow-up -up interview

<i>Date of interview</i>	<i>Type of maintenance carried out</i>	<i>Comments</i>

Notes

