Oil pumping station complete set with flow meter self-priming 230V 600W



Instructions for use

Translation of the original instructions

Dear customer!

Thank you for purchasing our product and we wish you to be satisfied with its use.

You have become the owner of a fuel dispenser. It is designed for pumping diesel for private use. Featuring maximum safety and ease of operation, this fuel dispenser is a reliable, high-performance device with quick installation and ready-to-use capability.

Although it is simple to use, its operation must comply with the requirements set out in this manual and with the occupational health and safety regulations in force in the area where it is used.

Security

Safety rules

Failure to comply with the following warnings and tampering with the design of the pumping station relieves the manufacturer of any liability for damage to persons, animals and property or to the appliance itself and voids warranty rights.

The instructions for use should be kept and handed in with the product in the event of resale.

-Do not use the service station under the influence of alcohol, narcotics or strong drugs and painkillers.

-You should always be relaxed and fully conscious when working.

-The pumping station must not be used by minors.

-Children are not allowed to play with the pump even under adult supervision.

-Pets and children must not be allowed near the petrol station.

- Protective gloves - prolonged contact of hydrocarbons with skin can cause skin irritation. Always wear PVC gloves when refuelling.

-Make sure that the pump does not pick up foreign bodies that could damage it.

-Do not use the pump if the power cord is frayed or damaged.

-The pumping station should only be used in well-ventilated areas/rooms to prevent fire or explosions.

- Check the condition of the power cables and plug before each start-up. If any abnormalities are detected, the filling station must not be started.
- Connect only to earthed electrical sockets.

-Before connecting the power cord, make sure that the parameters required by the pumping station are the same as those of the mains.

-The plug of the power cord must be protected from water, liquids.

-Do not touch the plug with wet hands.

-We recommend connecting the filling station to a network equipped with a current protector.

- Do not expose it to weather conditions such as rain, snow.
- Keep the work area clean, free of dirt and liquids.

-A working CO_2 snow extinguisher must be available at the point of dispensing.

-If static electricity sparks or electric shock occurs, stop operation of the filling station immediately. Do not start the pump station until the problem is detected and corrected.

- Do not connect or disconnect electrical equipment in the presence of flammable vapours.

-Disconnect the pumping station from the mains before servicing the equipment.

-No smoking - Smoking and the use of open flames are not allowed when operating the service station, especially when refuelling.

-Electrical safety precautions - there is high voltage inside the pumping station. For this reason, the fuel dispenser can only be opened by qualified and authorized electricians.

- The user must not exceed the maximum parameters for which the device was designed.

-Never leave the filling station unattended during operation.

-Before switching on, make sure that the power cord and other components of the device are in good condition.

-Do not switch on the appliance barefoot, with wet hands or when standing in water.

- Do not use the pump station incomplete, do not disassemble any parts.

-The pumping station shall not be modified.

-Keep the power cord and switch box away from splashing water or other liquids and protect it from precipitation.

- Do not leave the filling station unattended during operation.

-If the pump station is not in use, disconnect it from the power supply.

-Suction hoses, discharge hoses and cables (power cables must not be connected to discharge or suction hoses) from the pump station should be away from sharp edges, moving parts and hot equipment.

-Do not squeeze hoses and do not use them for pulling.

-Be sure to read the fluid specifications before handling liquids to minimize the possibility of harm to the operator's health.

-Do not attach the power cable with suction and discharge hose with any clamps or other fasteners.

First aid principles

Persons electrocuted - disconnect the power source or protect yourself with a dry insulator and move the affected person away from the power cord. Care must be taken not to **touch the electrocuted person with bare hands until you have led them away from the power cord.**

Assistance in the form of qualified and trained personnel should be summoned immediately.

Inhalation - Symptoms may include dizziness, headache, drowsiness, nausea, loss of consciousness - Possible prevention use of ventilation or respiratory protection - Provide first aid, ensure fresh air, calm and rest, then seek professional medical help.

Eyes - eye redness symptom - use protective eyewear to prevent eye redness - First Aid, flush the eyes with plenty of water for a few minutes (if the affected person has lenses on the eyes, they should be removed if possible) and then seek professional medical help.

Skin - dry skin may be a symptom - use protective gloves for prevention - first aid should be given - remove contaminated clothing, rinse skin with plenty of water or take a shower.

Ingestion, ingestion of toxic liquid - symptoms may include diarrhoea, sore throat, coughing, vomiting, dizziness, headache, drowsiness, nausea, loss of consciousness - to prevent this, do not eat or drink, do not smoke - do not induce vomiting in first aid, it is advisable to drink plenty of water or milk, contact specialist medical help immediately.

Recommended protective clothing
Do not wear loose/dissolved hair, loose clothing, jewelry when working with the pump. Clothing should cover the skin so that in the event of a spillage liquid does not get on the skin. Protective clothing should be worn
goggles to prevent accidental entry of liquids into the eyes. Footwear should cover the entire foot to prevent spilt liquid from coming into contact with the foot.

Workspace
The workplace of the pumping station must be well ventilated. The area where you will be working must be well lit, clean, the distribution hoses, suction hoses must not roll under your feet when tangled. The work area must be kept clean and free of dirt and other debris. A working CO2 snow extinguisher must be available on the job site. If we spill oil pumped through the pumping station, it must be wiped up immediately with a dry rag or covered with sand.

Explanation of pictograms


Wear protective gloves.


Read and understand the entire operating instructions before starting work.


Equipment components are recyclable.


CE marking


Choose an appropriate disposal method.

Technical data

MODEL:	M79929
Supply voltage:	230 V
Frequency:	50 Hz
Rated power:	0,75 kW
Protection class:	1
Performance:	40 l/min
Net weight:	16 kg

Application

Pumping stations are designed for pumping diesel from tanks and are therefore used wherever this fuel is needed, e.g. on farms, construction sites, shipyards in companies using their own transport and private homes.

Design / contents of the package

Model: M79929





1. Day counter reset button6
2. Pump/discharge hose outlet connection7
3. Meter adjusting screw (under brass plug)
4. Power cord9
5. Daily counter10
. Total counter
. Pump on/off switch
8. Suction hose
. Discharge hose
. Mounting accessories

Unpacking:

If you find damage to the packaging, check that the appliance has not been damaged in transit. Before installation and commissioning, check that the information on the appliance's label corresponds to the requirements for the intended use.

Inappropriate use

(a) Pumping seawater, polluted water, water containing solids, sand, corrosive or caustic substances.
b) Pumping of liquids whose temperature exceeds 60 °C
c) Pumping food.
(d) Drinking water pumping.
(e) Pumping of flammable/volatile, explosive liquids.
(f) Use by children or unsupervised.
(g) Use in the vicinity of flammable liquids (gasoline, alcohol, etc. liquids) is prohibited.

Operation

1. Mount the pump station by screwing it into a suitable location so that it is not exposed to weather conditions such as rain, snow, sun.
2. Attach the hoses to the pumping station.
3. Mount the gun on the supply hose.
4. The suction hose must be fitted with a suction strainer at the end. If the fuel will be sucked in from a great depth, a check valve can be fitted at the suction inlet of the pump to improve operation.
5. Connect the power cord plug to the power source:

It is forbidden to power the appliance via splitters and extension cables. If the cable length is insufficient for the connection, have a qualified electrician install a longer cable. The mains plug must be protected so that it does not come into contact with water or other liquids. Do not connect or bundle the power cord with the sampling or suction hose.

6. Commissioning: after checking that all hoses are correctly connected, the power cord is connected to the power supply and the gun is in the off position, the dispenser can be commissioned.
7. After inserting the suction hose into the fuel tank and the gun into the tank to be pumped, gradually release the gun lever to start pumping fuel.

WARNING: It is forbidden to leave the unit running unattended to prevent fuel leakage due to overfilling of the target tank.

Do not start the pumping station until the suction hose is inserted into the pumped liquid. The

pumping station must be mounted on a horizontal surface.

Hoses should be arranged so that they do not kink.

The shorter the hoses, the greater the capacity of the pumping station. Too long hoses can cause a reduction in pumping capacity, the capacity also depends on the liquid being pumped.
Do not use the pump station without first installing the suction and delivery hoses.

Model: M66910 - Turn off the pump as soon as possible after turning off the gun. Otherwise the pump will be damaged.

Model: M66911 - When the gun is switched off and the pump in the dispenser is running, the automatic stops, so you don't have to worry about the pump shutting off quickly when the gun is switched off. However, do not overload the hitchhiking module. The module can run for 2 - 3 min.

Calibration of meters



If the counter does not correctly indicate the amount of fluid pumped, prepare an accurately measured 30 litres of fuel. Reset the counter using the needle on the counter. Before starting the calibration, bleed all air from the system after the fluid has been delivered until a full and even flow is achieved.

1. Pump 30 litres of fuel through the pumping station.
2. Check what the meter reads, if it reads 30 litres it means it is well calibrated.
3. If the meter is reading incorrectly, unscrew the cover at the bottom of the meter (see picture above) and use a screwdriver to tighten or unscrew the set screw.
4. After slightly tightening or loosening the adjusting screws, pump the fuel again. Repeat until the correct result is obtained.

Maintenance and repairs

Disconnect the pumping station from the mains before carrying out maintenance. The most important thing is to keep the pumping station clean. Before each start-up, check the condition of the power cord, hoses and inspect the entire
the petrol station to see if it is damaged. If you find any damage/irregularities, do not start the gas station until they are repaired.

Repository

The pump should be stored wrapped, preferably in its original packaging, together with the instructions for use. The storage area should be inaccessible to children and animals. During storage, the filling station must not be connected to the mains. The room in which the filling station is to be stored must be protected from rain, snow, sunlight and humidity and the room should be kept at a reasonably constant temperature.
The impeller in the pump should be protected with thick engine oil during long-term storage to prevent impeller corrosion.

Handling and transport

The pumping station is delivered complete and requires no assembly. The engine can only be repaired by authorised personnel.

Although the size and weight of the pump station should not cause problems when moving it, we recommend the following:

-do not move the appliance without unplugging it from the socket or disconnecting it from the mains;

-Disconnect the suction and discharge hose.

-never move the pump station by pulling the power cable

-Always keep the operating manual near the filling station.

Possible problems with the petrol station and how to solve them

The problem	**Cause**	**Solution**
The petrol station does not want to switch on	No power supply	Check the power connection
	Engine not working	Contact an authorised service centre
Reduced pumping station capacity	Air in the intake hose	Check the suction hose for damage
	Clogged filter	Clean the filter
	Suction hose is not immersed in fuel	Dip the hose with strainer into the fuel
	Too high pumping height	Lower the tank/use the check valve

Emergency situations and possible solutions

The solutions listed here are just examples of what to do in an emergency situation. Use common sense and keep a cool head, and your behaviour in an emergency situation will also depend on where it occurs. The advice below is just a guide to what to do in an emergency.

Emergency	**Possible solutions**
Interruption of the supply or extraction hose	Immediately switch off the pump station using the switch on the pump.
Sparking in the pumping station	Disconnect the power supply to which the pump station plug is connected using the safety switch.
Damage to the gun trigger	Switch off the pump. Check that nothing has fallen into the gun and blocked the trigger, if the gun is not blocked, contact an authorised service centre.
Blocked impeller, smoke coming from pump	Disconnect the power supply to which the pump station plug is connected using the safety switch.