Pro-Tech TOOLS

Diesel and oil fuel pump set with flow meter, 230V 600W



Instructions for use

Translation of the original instructions

Information on waste from electrical and electronic equipment:

Please note:
1. Do not dispose of waste electrical and electronic equipment (hereinafter referred to as "waste equipment") together with other waste.
2. The holder of waste electrical and electronic equipment from households is obliged to hand it over to a person carrying out the collection of waste equipment, or to an entity authorised to collect waste equipment.

1. Product characteristics

The electric fuel pump is designed for people who use diesel or paraffin for their own consumption. The meter used in the dispenser allows you to view both the current refuelling volume and the total amount of fuel consumed since the start of use. Thanks to the use of the supplied valve, fuel does not flow back through the suction hose.
It is prohibited to pump water, corrosive or caustic substances, flammable substances, or liquids with a temperature exceeding 50 °C. It is prohibited to use the pump for any food-grade liquids.

2. Types of hazards occurring during operation of the equipment

2.1 Mechanical hazards caused by machine parts or workpieces: kinetic energy of parts associated with controlled or uncontrolled movement.
2.2 Mechanical hazards caused by energy stored in the form of pressurised liquids or gases.
2.3 Hazards caused by materials and substances (and their components) processed or used in machinery, arising from contact with or inhalation of harmful liquids, gases, mists, vapours and dusts.
2.4 Hazards caused by materials and substances (and their components) processed or used in machinery, which are associated with fire or explosion.
2.5 Unexpected start-up, unexpected rotation, excessive rotation (or comparable faults) resulting from the power being switched on after a power cut.
2.6 Human contact with live parts as a result of damage (indirect contact).
2.7 Noise hazards causing imbalance or reduced attention.

Pictograms and symbols used


This symbol indicates that you must read the user manual carefully before use.


This symbol indicates that the product has undergone specialised testing and meets basic quality and safety standards.


This symbol indicates that you should wear eye protection.


This symbol indicates that you should wear respiratory protection.


This symbol indicates that you should wear hand protection.


This symbol indicates that used electrical and electronic equipment should not be disposed of with other waste.


This symbol indicates that the use of open flames is prohibited, as this may cause a fire or explosion.

3. General safety instructions

Warning: Read the operating instructions carefully before starting work. The appliance may only be operated by adults who have familiarised themselves with the operating instructions and comply with them.

1) Safety in the workplace

a) Keep the work area clean and well-lit. Dirty or dark areas increase the risk of accidents.
b) Do not use the tool in explosive environments, e.g. in the presence of flammable liquids, gases or dust. Sparks are generated when using the tool, which may ignite dust or vapours.
c) When using power tools, keep children and bystanders at a safe distance. Distractions can cause you to lose control.

2) Electrical safety

a) The appliance must be connected to a mains supply protected by a residual current device (RCD). Using an RCD reduces the risk of electric shock. The tool's plug must fit the socket. Never modify the plug in any way. Unmodified plugs and matching sockets reduce the risk of electric shock.
b) Avoid contact with earthed surfaces such as pipes, radiators, cookers and refrigerators. If your body is earthed, there is an increased risk of electric shock.
c) Do not expose the tool to rain or moisture. Water ingress into the tool increases the risk of electric shock.
d) Do not misuse the power cord. Never use the cord to carry, pull or disconnect the tool. Keep the cord away from heat sources, oil, sharp edges or moving parts. Damaged or tangled cords increase the risk of electric shock.
e) When using the tool outdoors, use an extension lead suitable for outdoor use. Using a lead suitable for outdoor use reduces the risk of electric shock.

3) Personal safety

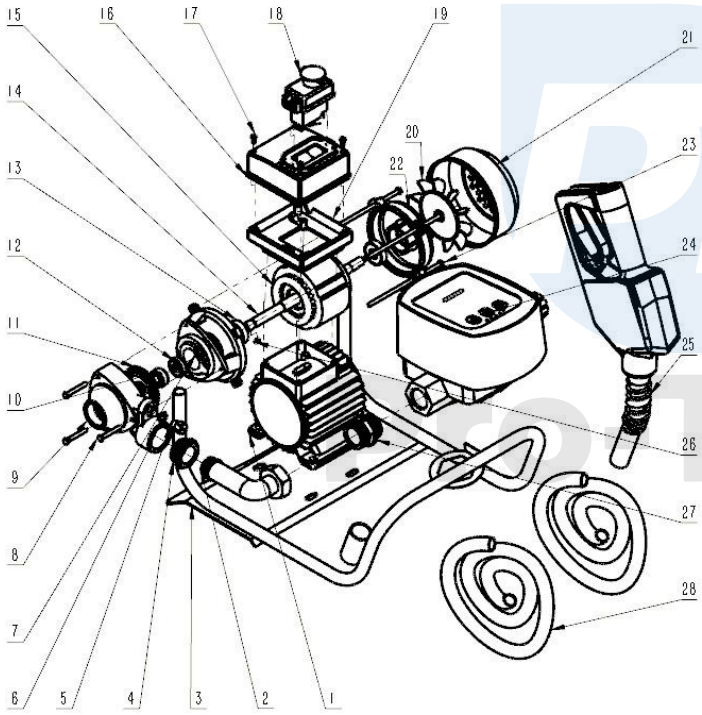
a) Stay alert, watch what you are doing and use common sense when operating the tool. Do not use the tool whilst tired or under the influence of drugs, alcohol or medication. A moment's inattention whilst operating the tool may result in serious injury.
b) Use personal protective equipment. Protective equipment such as a dust mask, non-slip safety footwear, gloves, a helmet or ear protectors, when used correctly, will reduce the number of accidents.
c) Prevent accidental start-up. Before connecting to the power supply or battery, or before lifting or carrying the tool, ensure that the switch is in the off position. Carrying a power tool with your finger on the switch, or switching on a power tool whilst it is in motion, can cause accidents.
d) Remove all adjustment keys before switching on the tool. A key left on a rotating part of the tool may cause injury.
e) Always maintain a good posture and balance. This allows for better control of the tool in unexpected situations.
f) Wear suitable clothing. Do not wear loose clothing or jewellery. Keep your hair and clothing away from moving parts. Loose clothing, jewellery or long hair may be caught in moving parts.
g) If dust extraction and collection equipment is available, ensure it is connected and used correctly. Using dust extraction equipment can reduce the risk of dust formation.
h) Do not allow familiarity with the tool resulting from frequent use to lead to carelessness and disregard for safety rules. Careless operation can cause serious injury in a fraction of a second.
i) Never block the exhaust vents with your fingers.
j) Never attempt to repair the equipment yourself. Check that all parts are in good working order and, if worn, replace them only with new, genuine parts.

4) Use and care of tools

a) Do not use excessive force. Use the correct tool for your application. The correct tool will do the job better and more safely at the speed for which it was designed.
b) Do not use a tool if the switch does not turn it on and off. Any tool that cannot be controlled by the switch is dangerous and must be repaired.
c) Before making any adjustments, replacing parts on a plug-in tool, or storing the tool, disconnect the plug from the power source or remove the battery from the tool if it is detachable. Such safety precautions reduce the risk of the tool starting accidentally.
d) Keep unused tools out of the reach of children and do not allow anyone who is unfamiliar with the tool or these instructions to use it. Power tools are dangerous in the hands of untrained users.
e) Maintain the tool. Check for misalignment, binding of moving parts, breakage of parts and any other condition that may affect the tool's performance. If damaged, have the power tool repaired before use. Many accidents are caused by poorly maintained power tools.
f) Keep handles and grip surfaces dry, clean and free from oil and grease. Slippery handles and grip surfaces prevent safe handling and control of the tool in unexpected situations.

4. Technical specifications

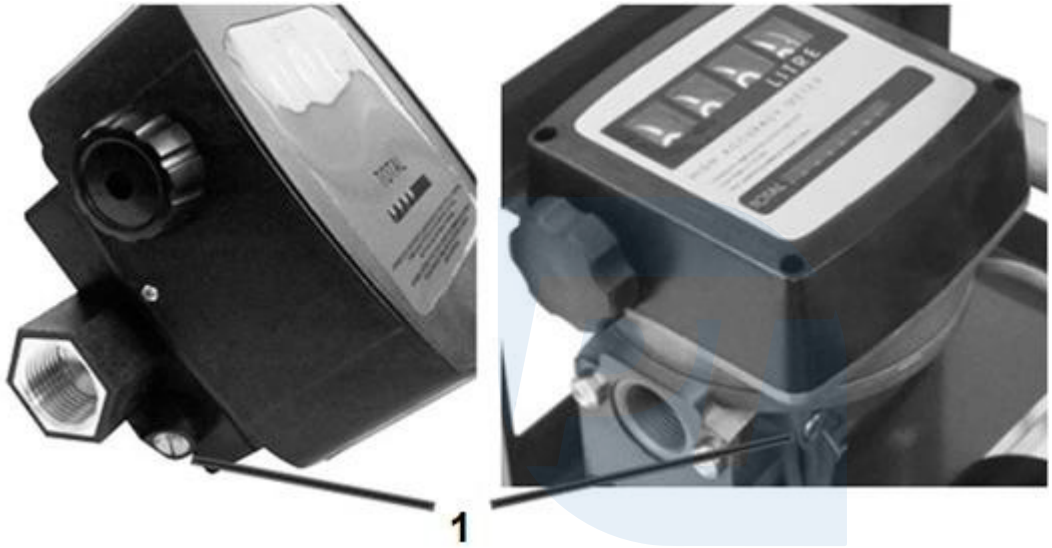
Model: CYB-600
Type: CYB-600T-
220V
Power supply:
230V/50Hz Power
consumption: 600W
Pressure: 3 bar
Suction height: 3 m
Delivery height: 25 m
Flow rate: 40 L/min.
Speed: 2800 rpm
Connections: 1"
Fluid: Diesel, Oil
Duty cycle: 30 min.
Temperature range: -10° ~ +40° C
Protection rating: IP44
Protection class: Class II



1. Pump housing
2. Elbow
3. Frame
4. Nut
5. Hex nut
6. Sealing ring
7. Pump head connector
8. Hex nut
9. Pump head
10. Gasket
11. Pump rotor
12. Seal
13. Bearing
14. Motor rotor
15. Stator
16. Upper switch cover
17. Screw
18. Switch
19. Lower switch cover
20. Fan blades
21. Cover
22. Rear cover
23. Screw
24. Counter
25. Nozzle
26. Switch
27. Connector
28. Hose

5. Operation

It is prohibited to start the dispenser without fuel.
Before starting the pump for the first time, fill the pump and the suction pipe with fuel. To do this, unscrew the vent valve located on the right-hand side of the engine cover, fill it with fuel and screw it back on.
a) Connect the power cable plug to the power supply.
b) Check that all hoses are correctly and securely connected; there should be a filter with a non-return valve at the start of the suction pipe.
c) Once you have ensured that the power cable is connected to the power source and the nozzle is in the off position, switch the switch to the "ON" position. After inserting the nozzle into the tank into which the fuel is to be transferred, gradually release the nozzle levers to start the fuel transfer. It is prohibited to leave the machine running unattended to prevent fuel spillage due to the target tank becoming overfilled.
Switch off the pump as soon as possible after switching off the spray gun.
Do not leave the pump connected to the gun in the closed position for longer than 3 minutes!
After filling the tank, place the nozzle on the dispenser and switch it to the "OFF" position. The filter screen must be cleaned regularly.
There is a screw on the underside of the meter, beneath which is the meter's calibration screw. Turning the calibration screw increases or decreases (depending on the direction) the flow meter reading.



1. Screw covering the meter adjustment screw

Pro-Tech shop

What to do if someone is electrocuted.

When moving an injured person out of the vicinity of an electrical conductor, disconnect the power supply or use a dry insulator to protect yourself. Do not touch the injured person with bare hands until they are well clear of the conductor. Immediately call for assistance from qualified and trained personnel. Do not operate switches with wet hands.

6. Equipment maintenance

The pump station must be stored in a dry place. Keep the pump station clean. Maintenance includes cleaning the suction and discharge pipes and the filter to prevent these components from becoming blocked.
Keep the pump station away from sources of heat and fire, as this could damage the dispenser or impair its function.
When the power tool is not in use, keep it out of the reach of children and prevent anyone unfamiliar with the tool and these instructions from using it. Power tools are dangerous in the hands of untrained users. **Any adjustments, maintenance or servicing must be carried out with the power disconnected (mains plug removed from the socket).**
Keep your tools clean. Surface dirt can get inside and cause damage.
Maintenance of power tools and their accessories. Check for misalignment or binding of moving parts, check for cracks in components and anything else that may affect the operation of the power tool. Have power tools repaired only by a qualified person and use only original spare parts. This will ensure that the power tool remains safe to use.