

MPG7HP24

master Pumps



GB ENGINE DRIVEN PUMP

TRANSLATION OF THE ORIGINAL INSTRUCTIONS



GB ENGINE DRIVEN PUMP

Dear customer,

Congratulation for buying your new device from MASTER PUMPS.

Like all our products, this one, too, was developed using the latest technological knowledge. The device was manufactured and assembled on the basis of state-of-the-art pump technology using most reliable electrical or electronic components which ensure a high level of quality and a long life of your new product.

Please read through these operating instructions carefully to make sure that you can fully benefit from all features.

Some explanatory illustrations can be found at the end of these operating instructions.

We hope you will enjoy your new device!

GENERAL SAFETY INFORMATION



Please read through these operating instructions carefully and make yourself conversant with the control elements and the proper use of this product. We shall not be liable in the case of damage caused as a result of the nonobservance of instructions and provisions of the present operating instructions. Any damage caused as a result of the nonobservance of the instructions and regulations contained in the present operating instructions shall not be covered by the warranty terms. Please keep these operating instructions in a safe place and hand them on together with the device should you ever dispose of it.

Children and other persons not conversant with the contents of these operating instructions must not use this device. Please keep an eye on children to make sure they will not use the unit as a toy to play with. In various countries, applicable provisions may be in place which might contain restrictions regarding the age of the user, and they have to be adhered to in any case.

The device must not be operated by people with restricted physical, sensory or mental capabilities unless they are either under the supervision of a person being responsible for their safety, or receiving from such a person instructions as how to use the device, respectively.

1.1. Safety of work place

1. Keep your work place tidy and well lighted. Disorder or poorly lighted work places can cause accidents.
2. Do not work with a motor driven device in an environment of flammable gas, vapor or liquids. Motor driven devices generate sparks, which can ignite combustible dust or vapor.
3. Keep children and other persons out of reach when using this device. If distracted you might lose the control over the device.

1.2. Safety of persons

1. Be careful, watch out what you are doing and work reasonable with a motor driven device. Do not use a motor driven device, if you are tired, under impact of drugs, alcohol or medication. A moment of carelessness could cause serious injuries.
2. Avoid any accidental operation. Make sure, the motor driven device is switched off, before you pick it up or carry it.

1.3. Safety when using a combustion engine

1. Do NEVER operate an engine inside a building or in closed areas, except you make sure the exhausting gas is transported outside completely. The motor exhausting gas contains carbonmonoyde, which cause unconsciousness or even death.
2. Do not smoke or work near the machine.
3. Check regularly all fuel lines and tank for any leaks and cracks.
4. Switch of the engine, if the machine gets filled with fuel.
5. Do not refuel, if the machine is running or hot.
6. Do not refuel near of sparks, open fire or a smoking person.
7. Never refuel a gasoline or Diesel engine inside a room without sufficient air ventilation.
8. Do not overfill the tank and avoid to spill gasoline when refueling. Spilled gasoline or vapors can get ignited. In case gasoline was spilled out, please make sure everything is dry before starting the engine.
9. Make sure, the tank lid is closed correctly and tightly.
10. Under certain conditions, gasoline is easily combustible and extremely explosive.
11. Keep gasoline only in designated containers.


1.4. Maintenance safety

Regular maintenance and care reduce the danger of possible operational disruptions and increase the life cycle of your device.

1. Make sure, the repair of the motor and machine is done by qualified personal.
2. Make sure, the motor is switched OFF and the ignition got interrupted, before the protective devices are dismantled or removed.
3. Keep the engine clean and make sure all stickers are legible. On the stickers are important operational instructions and warnings. Replace missing or illegible stickers.








4. Do not use any gasoline or flammable solvents for cleaning the machine. Vapors and solvents can get exploded. Store the machine properly at a clean, dry place, and keep out of reach for children.

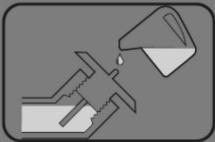
Notes and instructions with the following symbol require particular attention:


	<p>Any non observance of these instructions involves the danger of bodily harm to people and/or damage to property.</p>
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Please inspect the device for damage occurred during transportation. In case of damage, the retailer has to be informed immediately, at the latest within 8 days after the date of purchase.


SYMBOLES


	<p>Compliance with appropriate safety standards</p>		<p>Maximum declared acoustic power level.</p>
	<p>Read the instruction manual before starting the engine and using your equipment.</p>		<p>WARNING Fill only with petrol. Never fill the tank with diesel.</p>
	<p>WARNING High temperature exhaust gas, do not touch.</p>		<p>Allow the engine to cool before opening the petrol tank. The petrol vapours are very inflammable and can burst into flame on simply contacting the hot surfaces of the equipment.</p>
	<p>CHOKE Start/stop valve (ON/OFF). Pull to engage and allow the engine to be started when it is cold. When the engine has started, push the valve to disengage it.</p>		


	<p>WARNING</p> <p>Fill the engine sump with an approved oil (SAE15W-40).</p> <p>Check the oil level regularly and fill up to the maximum level mark.</p>
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	<p>When repairing, please pick up the spark plug, then repair it according to the operational manual.</p>
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	<p>The engine is warm during use. Be careful when using the device.</p>
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	<p>Toxic fumes; Don't operate inside house.</p>
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	<p>no smoking</p>
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	<p>Fuel is flammable, keep fire away. Do not add fuel with running machine.</p>
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	<p>No fires</p>
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2. RANGE OF USE

Petrol engine pumps from MASTER PUMPS are portable, self-priming pumps operated with petrol or a petrol-oil mixture, depending on the model. These high-quality products with their convincing performance data were developed especially for mains-independent irrigation or drainage applications. Compact dimensions and a low weight facilitate transportation between changing locations of use. These units are suitable for pumping clean to slightly dirty water.

The typical ranges of use of petrol-engine pumps include:

	<p>This pump is not suitable for discharging salt water, faecal waste, inflammable, etching, explosive or other hazardous liquids. Likewise, it is not to be used for discharging drinking water and other food.</p>
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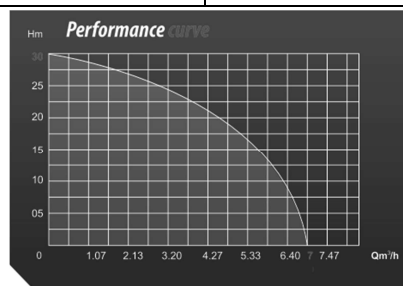


Please observe the max. and min. temperatures of the liquids to be discharged stated in the technical data.

3. TECHNICAL DATA

Cylinder capacity	79.6 cm ³
Max. power	1.4Kw / 3600min ⁻¹
Power Hp	2.4Hp
Engine	4-stroke engine, air-cooled
Speed	3840 min ⁻¹
Tank volume	2.0 L
fuel	Petrol, unleaded (RON 95 / 98)
Maximum operating time	1.5h
Oil capacity	400 ml
Maximum flow	117 L/min (7m ³ /h)
Max. delivery height (Hmax)	30 m
Max. suction height	7 m
Maximum particle size	5 mm
Max. fluid temperature (Tmax)	40°C
Min. fluid temperature	2°C
Pipe connection	1" (25mm)
Spark plug	E6RTC
Weight (w/o fuel)	13 Kg

Guaranteed sound power level L _{WA}	107 dB(A) K = 3 dB(A)
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WARNING! When the acoustic pressure exceeds the value of 85 dB(A), it is necessary to wear personal ear protection equipment.

Weighted root mean square acceleration according to relevant standard. : < 2.5 m/s²

4. INSTALLATION

Depending on the unit being used, the petrol engine pumps from MASTER PUMPS are mounted on a solid base plate with vibration dampeners. These components must be in place during the operation of the unit since they provide for a secure standing and reduce vibrations.


4.1. General installation information

	During the entire installation process, the unit must not be running.
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All connection lines have to be perfectly tight since leaking lines may affect the performance of the pump and cause considerable damage. Therefore, please use Teflon tape to seal the contact surfaces between the threaded sections of the lines and the connection with the pump. This use of sealing material such as Teflon tape is the only way to ensure an airtight assembly.

When tightening threaded connections, please do not apply excessive force which may cause damage. When laying the connection pipes, you should make sure that the pump is not exposed to any form of weight, vibration or tension.

4.2. Installation of the intake line

	The inlet of the intake line is to be equipped with a filter for keeping away larger dirt particles contained in the water which might clog or even damage the pump.
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The liquid to be discharged enters the pump through the suction line. Please use a suction line having the same diameter as that of the suction port of the pump. If the suction height exceeds 4 m, however, it is recommendable to use a 25% larger diameter - including appropriate reducer elements for the connectors.

The inlet of the intake line is to be equipped with a filter for keeping away larger dirt particles contained in the water which might clog or even damage the pump.

Moreover, it is highly recommended to install a check valve (non-return valve) which prevents the pressure from escaping after the pump has cut out and thus protects the pump from damage caused by pressure surges. This check valve may be installed either directly at the suction port of the pump or at the inlet of the intake line. The installation at the inlet of the intake line has proven to be beneficial since it facilitates the venting of this intake line by enabling it to be filled with water.

The check valve with the intake filter - i.e. the entirety of the intake section of the suction port - must be immersed by at least 0.3 m below the surface of the liquid to be pumped. This will prevent air from being taken in. In addition, please ensure a sufficient distance of the suction line from both the ground and the sides of water courses, rivers, ponds etc in order to prevent stones, plants etc from being sucked in.

4.3 Installation of the pressure line




The pressure line conveys the liquids to be discharged from the pump to the point of withdrawal. To avoid dynamic flow losses, one should use a pressure line having at least the same diameter as the pressure port of the pump.

4.4 Stationary installation

For stationary installation, please fasten the pump on a suitable, solid surface

5. PUTTING INTO OPERATION

5.1 Set-up and visual inspection


	<p>The exhaust gases of petrol engine pumps contain toxic, odourless carbon monoxide which may lead to serious health damage or, in extreme cases, even to death when inhaled.</p> <p>For the sake of the safety of people and animals the devices must not be used in poorly ventilated locations and in no case inside confined spaces. Generally, please avoid any inhalation of the exhaust gases.</p>
	<p>Please inspect the petrol engine pump visually each time prior to using it. A damaged unit must not be used.</p>
	<p>The petrol engine pump must only be operated in flood-proof areas.</p>


At every start of the pump, please make sure that the pump is set up securely and standing firmly. The unit must always be positioned upright on an even surface. The petrol engine pump must only be operated in flood-proof areas.

Please select the operating location of the pump in such a manner that leaking fuel or motor oil cannot cause any damage. When using it for ponds, basins, construction pits, watercourses or in similar applications, the pump has to be secured against falling in.

Please inspect the pump visually prior to each use. Make sure all screws are firmly tightened, and also check the proper condition of all connections. A defective unit or a damaged pump must not be used. In any case of damage, the pump has to be inspected by qualified service staff.

5.2 Fuel and fuelling

	<p>Depending on the model being used, petrol engine pumps are operated with petrol or a petrol/oil mixture. You should never use any fuels other than those specified in the technical details of your product.</p>
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	<p>During fuelling, smoking is not allowed, and please keep away open flames. Do not inhale the vapours.</p>
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Fill the fuel tank with fresh fuel. Depending on the model being used, petrol engine pumps from MASTER PUMPS are operated with petrol or a petrol/oil mixture. The required type of fuel is stated in the technical details of the specific model. Please do not use fuel grades types other the one mentioned for your product.

Do not fill in fuel while the engine is running. Stop the pump prior to each fuelling cycle and allow at least five minutes for the unit to cool down before you start fuelling. During fuelling, the device has to be standing upright on an even surface in order to avoid spilling or leaking of fuel. Fuelling should only be performed in a sufficiently ventilated environment. Prior to starting the engine, please wipe off any petrol spillage carefully.

During fuelling, smoking is not allowed, and please keep away open flames. Do not inhale the vapors.

5.3. Motor oil

	<p>If you are using a unit with auto-lubrication, please check the oil level prior to each use.</p>
	<p>When topping up motor oil, smoking is not allowed, and please keep away open flames. Do not inhale the vapors.</p>

When using units with auto-lubrication, please check the oil level prior to each start using the

dipstick provided.

During the oil level check, the device has to be positioned level, must not be running and should have cooled down. Please make absolutely sure that the oil level is within the indicated limits of the minimum and maximum level. If required, top up oil through the filling opening into the oil tank. Be sure to use only high-quality fully synthetic 10W-40 grade motor oil. Too much oil may be as harmful as too little - for instance because of the hazard of overheating or the possibility of an oil leakage. If too much oil is in the tank, please reduce the oil quantity down to the proper level. Do not top up motor oil while the engine is running. To top up oil, the pump should always be switched off, then allow five minutes for the unit to cool down. When filling in motor oil, the device has to be positioned upright on an even surface to avoid any spilling or leaking of motor oil. Prior to starting the engine, please wipe off any motor oil spillage carefully.

During filling in motor oil, smoking is not allowed, and please keep away open flames.

Do not inhale the vapours.

In the case of the units operated with a petrol/oil mixture, the motor oil is a part of the mixture.

The mixture ratio indicated in the technical details has to be observed carefully.


Please do not use any motor oil grade other than the one referred to in the technical details.

Low-oil safety feature

The low-oil safety feature serves to avoid damage to the engine in case there is insufficient engine oil in the crankcase.

Before the engine oil level falls below the safety limit, the low-oil safety feature automatically switches the engine off (the motor switch remains in the ON position when this happens).

5.4. Filling the pump with water, venting the system

	<p>Prior to putting the pump into operation for the very first time, the pump housing should be fully vented - i.e. filled with water - even in the case of selfpriming units. If this venting is omitted, the pump will not suck in the liquid to be discharged. It is highly recommendable, yet not mandatory, to vent the intake line as well, i.e. to fill it with water.</p>
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Please use the filling opening to fill the pump housing with water. Check to make sure that no leakage is present. Then close the filling opening airtight. It is recommendable - but not indispensable - to fill the intake line with water, too. Petrol engine pumps are self-priming. This means that putting them to operation requires only the pump casing to be filled with water, i.e. not necessarily the intake line, too. However, in this case the pump will take some more minutes to suck in the liquid to be discharged. The additional filling of the intake line will facilitate and accelerate the first suction cycle considerably. If the intake line is not filled with liquid, it might be necessary during putting to operation to fill the pump housing more than once. This will depend on

the length and diameter of the intake line. To permit the air to escape, you should open a shut-off devices in the pressure line, such as for instance a faucet.

5.5. Starting the engine

To start the engine, you have to put the ignition breaker to the "ON" position, the choke lever to the start position, and the throttle control to "full throttle". Subsequently, pull the starter rope several times strongly until the engine starts. As soon as the engine is running, slowly move the choke lever to the "operating" position. Priming will start as soon as the engine has begun to run. During this process, please leave the throttle control in the "full throttle" position. As soon as the liquid is being discharged evenly without any noticeable air admixture, priming is completed and the system is fully vented. The throttle control can now be set according to the specific needs.

5.6. Operation

	<p>The petrol engine pump must not run with the withdrawal point being shut off.</p>
	<p>The pump must not be operated permanently in the absence of water. This so-called dry running - i.e. the operation of the pump without any water being discharged - may cause considerable damage to the unit.</p>
	<p>The petrol engine pump including the entire line system have to be protected from frost and climatic influences.</p>
	<p>Combustible or easily inflammable or explosive matters and objects are to be kept out of the area of the pump while in operation.</p>
	<p>Please do not top up fuel motor oil while the engine is running. Stop the pump for fuelling it.</p>
	<p>During operation, some parts of the petrol engine pump become extremely hot, for instance the exhaust pipe and its cover. After switching the device off until its cooling down, to avoid injury by burning, the device must only be touched at the points provided for this purpose, e.g. at the control elements or handles.</p>

During the first 20 hours of operation of a new device, the engine must not be operated at its full capacity. During this period of time, operation at two thirds of the possible speed is recommended. During this running-in period, full-throttle operation is admissible only for short periods of time up to a max. of 10 minutes, for instance during the priming operation at the time of putting the units to operation.

The pump must not be operated permanently in the absence of water. This so-called dry running - i.e. the operation of the pump without any water being discharged - may cause considerable damage to the unit because the required cooling is missing. If necessary, you have to stop the engine, check the intake line and the connection ports for leakages and refill the pump body and possibly the intake hose, too, with water.

The petrol engine pump must not run with the withdrawal point being shut off. Do not let the pump “work” against a closed pressure side.

Please do not top up fuel or motor oil with the engine running. For fuelling, please switch the pump off and allow at least five minutes for it to cool down. During fuelling, and also during operation or as long as the device is switched off, please make sure that it is standing upright on a level surface in order to prevent any spilling or leaking of fuel.

Do not touch the exhaust pipe and its cover during operation since these parts become very hot and bear the hazard of burning. Even after the device has been switched off, these parts remain very hot and must only be touched after allowing for an appropriate period of four cooling down. Other parts of the engine, too, become hot during operation. Therefore, please avoid to touch the unit during operation and afterwards from power-off to its cooling down at any points other than those intended for this purpose, e.g. at the control switches and levers or the handles.

Combustible or easily inflammable or explosive matters and objects are to be kept out of the area of the pump while in operation. Please do not place any objects on top of the engine.

5.7. To stop the engine

Put the throttle control to the idle position, then the ignition breaker to “OFF”.

The pump inlet is equipped with a valve which will prevent the water from escaping out of the pump housing after the pump was switched off. This return stop will shorten the required priming period at the next start. Moreover, in this way it is not necessary to fill the pump housing with water at the next start of the pump.

5.8. Ending the application




The pump must not be transported with its fuel tank filled.

After each use, please drain the water contained in the pump through the opening provided for this purpose. Allow the pump body to dry well to avoid possible damage by corrosion. In the case of frost, water remaining inside the pump may freeze up and thus cause considerable damage.

If the device is transported after having been in use, the fuel has to be drained completely. Transporting the pump with its fuel tank filled is not allowed.

6. MAINTENANCE AND TROUBLESHOOTING


	<p>If possible, please stop the engine, pull off the spark plug socket, and allow the engine to cool down prior to performing any maintenance work. If it is necessary to keep the motor running for performing certain maintenance work, please ensure sufficient ventilation because the exhaust gases are toxic.</p>
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Regular maintenance and thorough care will reduce the risk of possible operational malfunction and contribute to extend the life cycle of the unit. The technical design of engines is very complex, and they contain a huge number of moving parts which are subject to high mechanical, thermal and chemical influences from the side of the environment and the combustion process. The use of proper, high-quality and fresh operating fluids - fuel and motor oil - will prevent both damage to the engine and downtimes.

Abrasive matters contained in the liquid being discharged - such as sand - accelerate wear and tear and reduce the performance of the pump. When discharging liquids containing such matters, the installation of a prefilter is recommended. This useful accessory it will efficiently filter sand and similar particles out of the liquids, thus minimize wear and tear and extend the lifetime of the pump.

Maintenance intervals		Visual inspection each time before operation	After the first month or after 20 hours	Every 3 months or after 50 hours	Every 6 months or after 100 hours	Once a year or after 300 hours
Engine oil	Check oil level	X				
	Change		X		X (100 hrs)	X (1/ year)
Air filter	Inspect	X				
	Clean			X		
	Change					X
Spark plug	Clean				X	
	Change					X
Fuel line		X	Replace every 2 years!			
Inspect pump impeller						X
Water pump tank cap						X
Inspect non-return cap						X

6.1. Oil change and oil level check

	<p>When using models with auto-lubrication, please check the oil level prior to each use.</p>
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Every 100 operating hours or at least once a year and after the first 20 operating hours an oil change must be performed. On models with auto-lubrication, an oil change should be carried out at least once per year. During this period of time, the quality of the motor oil will clearly drop even if the device is used only infrequently. To carry out such an oil change, please drain the old oil and fill in new oil through the filling opening into the oil reservoir.

Quickly turn the engine several times in the running direction, in order to distribute the oil evenly. Meticulous maintenance and care should include the check of the oil level prior to each use. To carry out this check, please use the dipstick provided. During the check the unit has to stand level and must be switched off and cooled down. Please make absolutely sure that the oil level is within the indicated minimum and maximum limits. Please observe the local regulations regarding the disposal of waste oil.

6.2. Automatic activation of the low-oil auto-stop feature

The pump is equipped with a low-oil safety feature. The models with auto-lubrication are equipped with an autostop feature. This handy feature will automatically cut out the engine in case the motor oil level drops below the required minimum. In this case starting the motor again is impossible until a sufficient quantity of motor oil has been topped up. When topping up motor oil, please observe all information contained in this manual regarding motor oil and oil level check.

6.3. Spark plug

Cleaning the spark plug and, where necessary, an adjustment of the electrode gaps should be performed at intervals of six months or 100 hours of operation.

maintenance on the spark plug

please pull off the spark plug socket first. Then use a spark plug wrench to remove the spark plug. For a disturbance-free functioning the spark plug has to be dry and free of combustion residues, and the electrode gap must be between 0.6-0.7 mm.

If required, please clean the spark plug. We recommend to use a fine-wire brush to remove combustion residues.

Where needed, correct the electrode gap by carefully bending the electrode. In the case of excessive deposits or worn electrodes you should insert a new spark plug.

Manually screw in the inspector, clean or, possibly, new spark plug until it comes to a stop. Then tighten the spark plug carefully using the spark plug wrench. Please do not use excessive force in order to avoid overtightening and consequently damaging the spark plug. To complete your work, slip the spark plug connector on the spark plug.

6.4. Air filter



For reason of the fire or explosion hazard involved, please do never use petrol or solvents with a low flashpoint to clean the air filter.

A dirty air filter means that the airflow into the carburetor is inhibited. To avoid operational malfunction of the carburetor, the air filter has to be checked regularly and cleaned or replaced, if necessary.

Basically, checking the air filter for contamination is recommended prior to each use. Cleaning should be performed at the latest every three months or after 50 hours of operation, respectively. If the device is used in a very dirty or dusty environment, it is advisable to shorten the cleaning intervals, for instance down to 10 hours. A new air filter should be installed every six months or after 300 hours of operation, respectively.

maintenance work,

please open the air filter box and take the filter out. If necessary, wash out the air filter in a non-combustible solvent such as a washing-up liquid (dishwashing detergent). For reason of the fire or explosion hazard involved, please do never use petrol or solvents with a low flashpoint to clean the air filter. After cleaning, please allow the air filter to dry.

6.5. Replacing the mechanical shaft seal

The mechanical shaft seal is used to seal the pump body from the motor shaft. It counts among the parts which are subject to natural wear and tear.

If the mechanical shaft seal is defective, water will escape between the engine and the pump body. Qualified persons should only carry out replacement of the mechanical shaft seal.

6.6. Removing foreign matters from the pump

Coarsely sized particles contained in the liquid being discharged may entail the clogging of the pump body and pump wheel. In this case, it is possible to detach the pump housing in order to free the pump body and the pump wheel from the solid matter.

6.7. Transport and storage



In order to avoid the risk of fire, allow the motor to cool down before transporting or putting it in storage.



During transport, the water pump fuel valve should be set to OFF and the water pump kept level, in order to avoid the fuel leaking out. Spilled petrol or petrol vapours can ignite.

If the unit is not used over some extended period of time, the water in the pump ought to be fully drained. Please allow the pump to dry completely in order to prevent corrosion. Likewise, the fuel tank and the carburetor should be emptied, too. On the units with auto-lubrication, the motor oil should be drained as well. Prior to placing the unit in storage, it should be cleaned thoroughly and afforded some kind of preservation, should this be advisable.

Please make sure that the device is stored in a dry and frost-proof place.

If the water pump is used to pump slightly dirty water, a residue can be left in the pump. Before storage, take in clean water with the water pump, in order to clean it. Otherwise, the pump impeller may be damaged when it is put in service again. To clean the pump, unscrew the drain plug (2) from the pump and drain the pump thoroughly

6.8. Troubleshooting



We decline any liability for damage caused by inappropriate repair attempts. Any damage caused by inappropriate repair attempts will void all warranty claims.



None of the remedial actions listed below must be performed with the engine running.

Malfunction	Possible cause	Elimination
<p>1. The pump does not discharge any liquid at all or only a small quantity, engine is running.</p>	<ol style="list-style-type: none"> 1. Not enough liquid in the pump. 2. Leakage in the intake line. 3. Selected motor performance too low. 4. Filter at the inlet of the intake line is clogged. 5. Intake line is clogged. 6. Pump wheel is blocked by foreign matters. 7. Suction height and/or discharge height too high. 8. Mechanical shaft seal is defective. 9. Pump wheel is not properly seated. 10. Pump wheel is damaged. 11. Motor is not running smoothly. 	<ol style="list-style-type: none"> 1. Fill pump housing through filling opening with liquid. 2. Check intake line and its connections. If required, seal connection parts of intake line with Teflon tape. Replace intake line if it shows damage which cannot be repaired. 3. Increase motor performance. 4. Clean filter. 5. Clean intake line. 6. Remove foreign matters. 7. Modify the arrangement so that the suction height and/or discharge height do not exceed the maximum value any longer. 8. Replace mechanical shaft seal. 9. Arrange pump wheel properly. 10. Replace pump wheel. 11. Contact customer service.
<p>2. Vibration or loud noise during operation.</p>	<ol style="list-style-type: none"> 1. Suction height and/or discharge height to high. 2. Intake line and/or pump wheel blocked by foreign matters. 3. Instable installation. 4. Unit is not standing firmly. 5. Pump wheel is damaged. 6. Other technical defect. 	<ol style="list-style-type: none"> 1. Modify the arrangement so that the suction height and/or discharge height do not exceed the maximum value any longer. 2. Remove foreign matter. 3. Stabilise the installation. 4. Arrange unit firmly. 5. Replace pump wheel. 6. Contact customer service..

<p>3. Motor does not start or stop to run during operation.</p>	<p>1. Lack of fuel. 2. Absence of ignition spark. 3. Clogged carburettor. 4. Clogged air filter. 5. On a model with auto-lubrication, the auto-stop feature was activated because the motor oil level had dropped below required minimum. 6. Other technical defect.</p>	<p>1. Open fuel cock and/or fill in fuel. 2. Check ignition switch. If required, check the spark plug. 3. Clean carburetor. 4. Clean air filter. 5. Top up motor oil. 6. Contact customer service..</p>
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7. WARRANTY

The present device was manufactured and inspected according to the latest methods. The seller warrants for faultless material and workmanship in accordance with the legal regulations of the country in which the device was purchased. The warranty period begins with the day of the purchase and is subject to the provisions below:

Within the period of warranty, all defects which are to be attributable to defective materials or manufacturing will be eliminated free of charge. Any complaints are to be reported immediately upon their detection.

The warranty claim becomes void in the case of interventions undertaken by the purchaser or by third parties.

Damage resulting from improper handling or operation, incorrect setting-up or storage, inappropriate connection or installation or Acts of God or other external influences are excluded from warranty.

Parts being subject to wear and tear are excluded from warranty.

All parts were manufactured using maximum care and high-quality materials and are designed for a long lifecycle.

It should be understood, however, that the wear and tear depends on the kind of use, the intensity of use and the internals of maintenance. Complying with the installation and maintenance information contained in the present operating instructions will therefore considerably contribute to a long lifecycle of these wearing parts.

In case of complaints, we reserve the option of repairing or replacing the defective parts or replace the entire device. Replaced parts will pass into our property.

Claims for liquidated damages are excluded unless they are caused by wilful acts or negligence on the side of the manufacturer.

The warranty does not provide for any claims beyond those referred to above. The warranty claim has to be evidenced by the purchaser in the form of the submission of the sales receipt. The present warranty commitment is valid in the country in which the device was purchased.

Please note:

1. Should your device fail to function properly, please verify first whether an operating error or another cause is present which cannot be attributed to a defect of the device.
2. In case you have to take or send in your defective device for repair, please be sure to enclose the following documents:
 - Sales receipt (sales slip).
 - A description of the occurring defect (a description as accurate as possible will expedite the repair work).
3. In case you have to take or send in your defective device for repair, please remove any attached parts which do not belong to the original condition of the device. If any attached parts of this kind should be missing upon the return of the device, we shall not be liable for them.

Work under warranty does not extend the initial duration of the contractual guarantee.

The turbine and the filter, which are wearing parts, are excluded from the guarantee.

During the guarantee period the After-Sales Service, in return for payment, will make the necessary repairs following incorrect operation.

We expressly inform you that MASTER PUMPS is not responsible for damage caused by its equipment, in so far as this damage is caused by a non-compliant repair, in so far as, in exchanging parts, original MASTER PUMPS parts have not been used, or if the repair has not been done by the MASTER PUMPS After Sales Service or on of the MASTER PUMPS approved After Sales Service Centres. This also applies for any addition of parts and accessories other than those recommended by MASTER PUMPS.

8. HOW TO ORDER SPARE PARTS

After-sales Service and Application Service

Our after-sales service responds to your questions concerning maintenance and repair of your product as well as spare parts. Exploded views and information on spare parts can also be found under: www.eco-repa.com MASTER PUMPS application service team will gladly answer questions concerning our products and their accessories : sav@eco-repa.com

9. OSAL HINT


Dispose of the old device according to the regulations in force in your country.

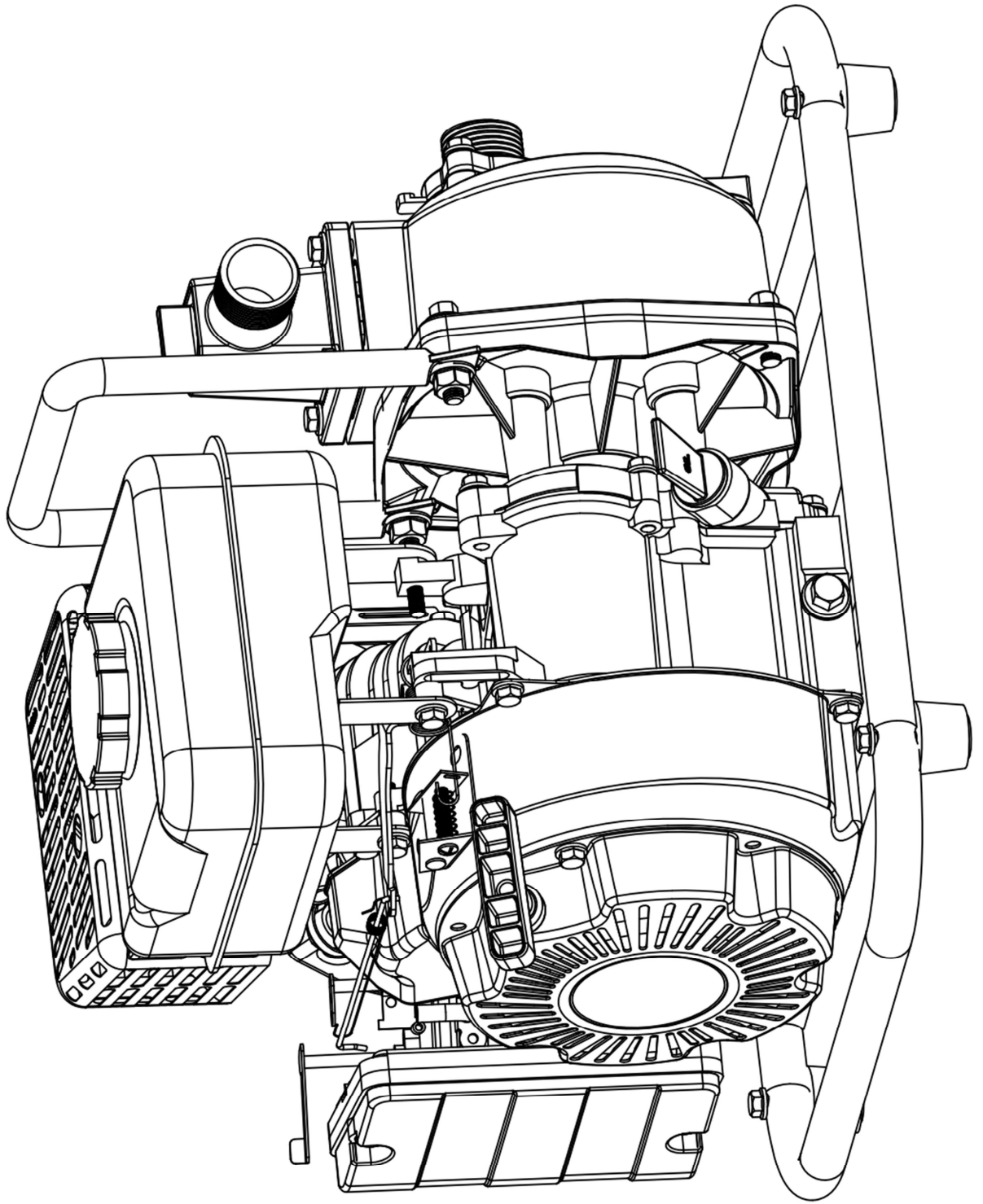
Such appliance have to be collected separately and disposed of in an environmental-suitable manner and fed in an recycling system after the end of their life cycle. When disposing of this product, make sure that the fuel and oil are drained from the engine. Should you have any questions, please contact your local waste disposal management or your city administration. Dispose of the product packaging in an environmentally friendly manner in the provided collection containers.

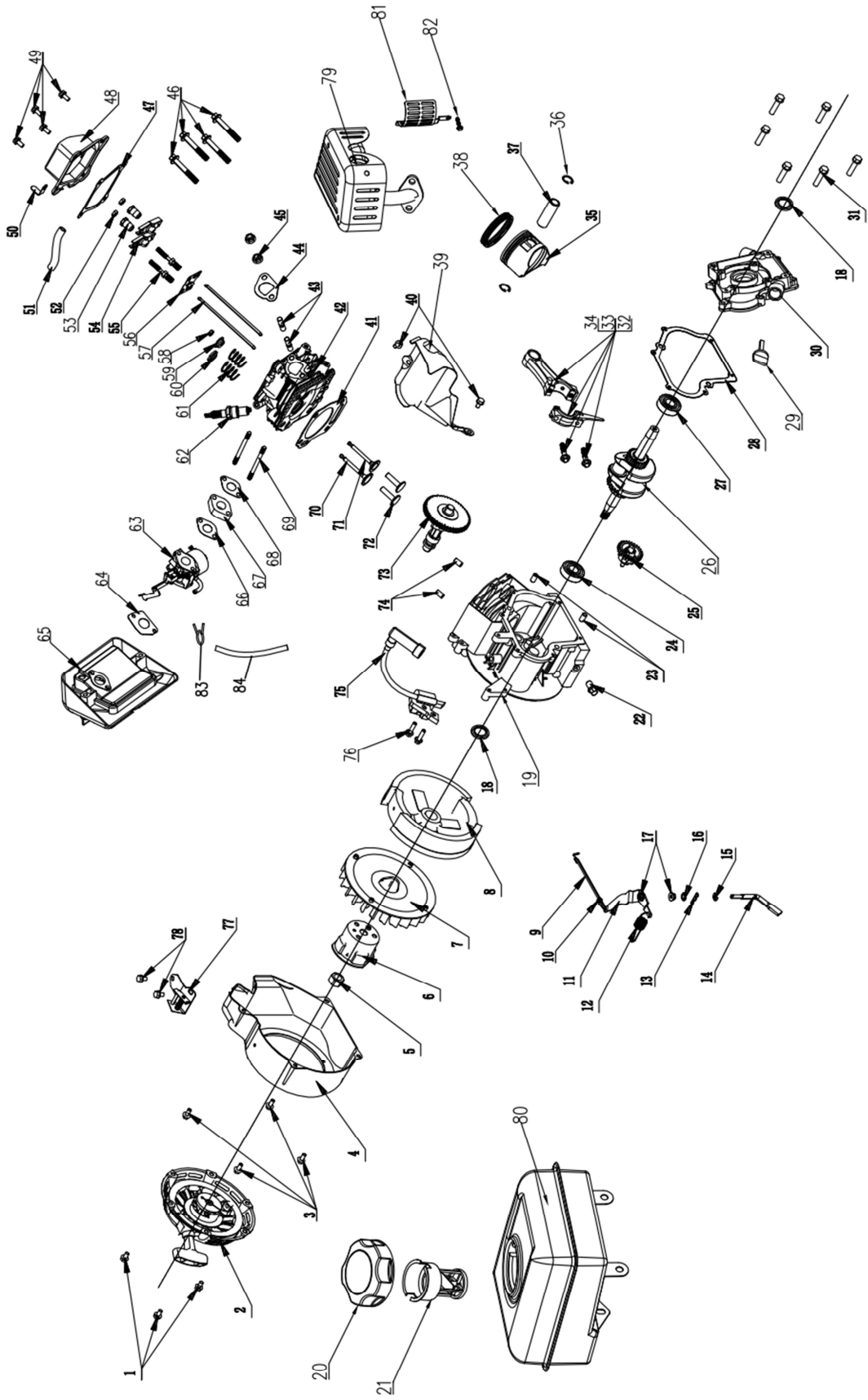
10. ENTREPOSAGE

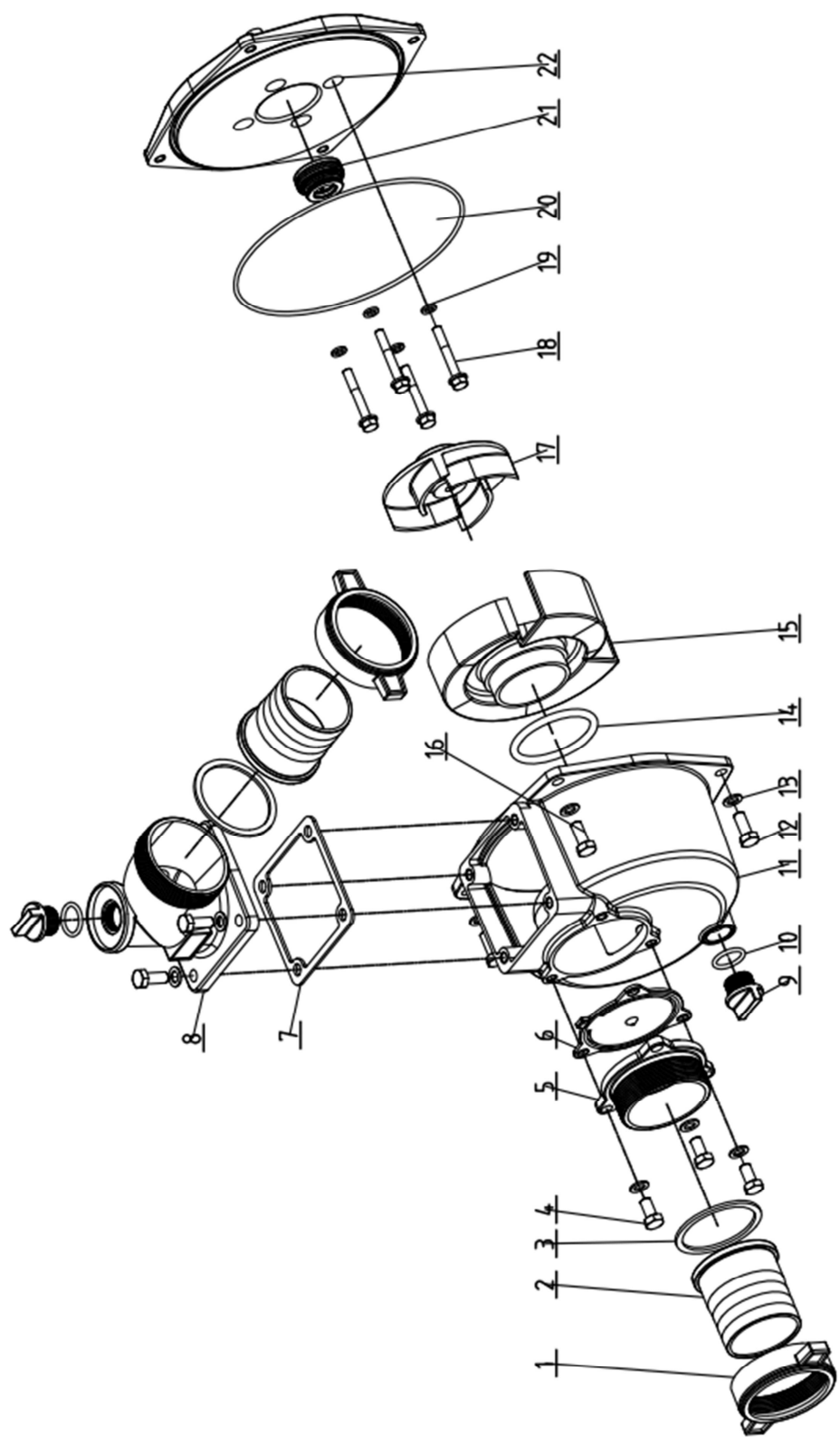
- _ Carefully clean the whole machine and its accessories.
- _ Store it out of reach of children, in a safe, stable position stable, in a dry, temperate place, avoid excessively high or low temperatures.
- _ Protect from direct solar radiation. If possible, keep it in the dark.
- _ Do not enclose it in plastic bags because damp could form there.

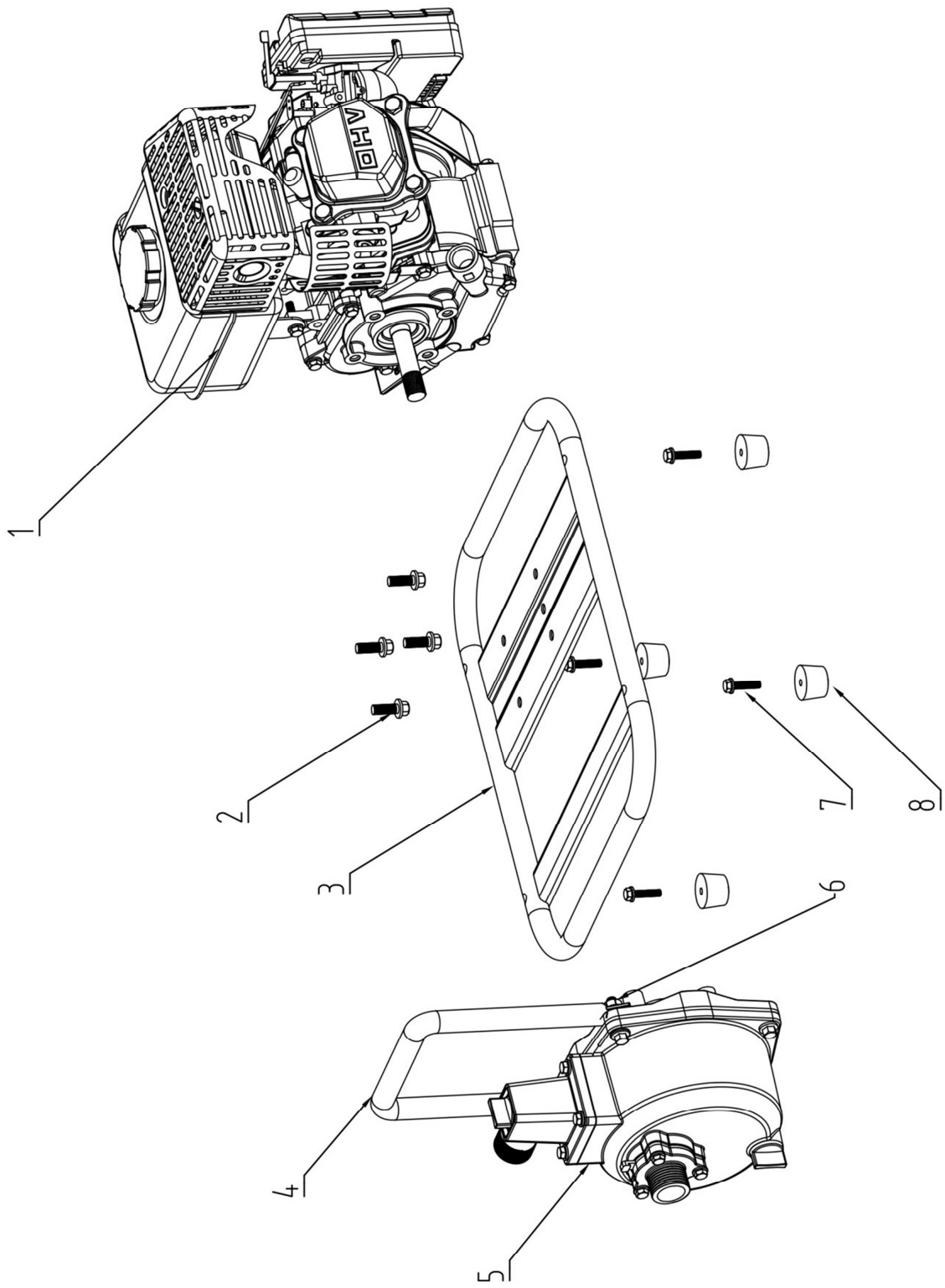
11. ENVIRONMENT

	<p>The equipment must not be thrown away with normal domestic waste but must be disposed of according to the rules.</p>
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SN : 2019.02 :001~160

20.12.12678

Date d'arrivée - Aankomstdatum - Date of arrival Ankomstdatum - Data di arrivo:

Fecha de llegada 10/05/2019

Année de production - Productiejaar -

Year of production – Fertigungsjahr

Anno di produzione- Año de fabricación : 2019

Déclaration CE de conformité



MASTER PUMPS certifie que les machines :

POMPE THERMIQUE DE SURFACE “ MPG7HP24”

sont en conformité avec les normes

suivantes :

EN 809 :1998/A1 :2009 - AfPS GS 2014 :01 PAK

EN 55012 :2007/A1 :2009 - EN 61000-6-1 :2007

et

satisfont aux directives suivantes :

2006/42/EC(MD) - 2014/30/EU(EMC)

Régulation 2017/656(Euro V)

Belgique Janvier 2019

Mr Joostens Pierre

Président-Directeur Général

MASTER PUMPS , rue de Gozée 81, 6110 Montigny-le-Tilleul, Belgique

EG-verklaring van overeenstemming



MASTER PUMPS verklaart dat de machines:

THERMISCHE OPPERVLAKTEPOMP “ MPG7HP24”

in overeenstemming zijn met de volgende

normen:

EN 809 :1998/A1 :2009 - AfPS GS 2014 :01 PAK

EN 55012 :2007/A1 :2009 - EN 61000-6-1 :2007

en

voldoen aan de volgende richtlijnen:

2006/42/EC(MD) - 2014/30/EU(EMC)

Régulation 2017/656(Euro V)

België in januari 2019

Mr Joostens Pierre

Directeur

MASTER PUMPS , rue de Gozée 81, 6110 Montigny-le-Tilleul, Belgique

EC declaration of conformity



MASTER PUMPS declares that the machines:

ENGINE DRIVEN PUMP “ MPG7HP24”

have been designed in compliance with the

following standards:

EN 809 :1998/A1 :2009 - AfPS GS 2014 :01 PAK

EN 55012 :2007/A1 :2009 - EN 61000-6-1 :2007

and

in accordance with the following directives:

2006/42/EC(MD) - 2014/30/EU(EMC)

Régulation 2017/656(Euro V)

Belgium in January 2019

Mr Joostens Pierre

Director

MASTER PUMPS , rue de Gozée 81, 6110 Montigny-le-Tilleul, Belgique

EG-Konformitätserklärung



MASTER PUMPS erklärt hiermit, daß der

GASOLENE WATER PUMP “ MPG7HP24”

entsprechend den Normen:

EN 809 :1998/A1 :2009 - AfPS GS 2014 :01 PAK

EN 55012 :2007/A1 :2009 - EN 61000-6-1 :2007

und

entsprechend folgenden Richtlinien

konzipiert wurde:

2006/42/EC(MD) - 2014/30/EU(EMC)

Régulation 2017/656(Euro V)

Belgien im Januar 2019

Mr Joostens Pierre

Direktor

MASTER PUMPS , rue de Gozée 81, 6110 Montigny-le-Tilleul, Belgique

Dichiarazione CE di conformità



MASTER PUMPS dichiara che le macchine:

MOTOPOMPA “ MPG7HP24”

sono state concepite in conformità con i
seguenti standard:

EN 809 :1998/A1 :2009 - AfPS GS 2014 :01 PAK

EN 55012 :2007/A1 :2009 - EN 61000-6-1 :2007

e

con le seguenti direttive:

2006/42/EC(MD) - 2014/30/EU(EMC)

Régulation 2017/656(Euro V)

Belgio nel gennaio 2019

Mr Joostens Pierre,

Direttore

MASTER PUMPS , rue de Gozée 81, 6110 Montigny-le-Tilleul, Belgique

Declaración CE de conformidad



MASTER PUMPS declara que las máquinas:

GASOLENE WATER PUMP “ MPG7HP24”

han sido diseñadas de acuerdo con las
siguientes normas:

EN 809 :1998/A1 :2009 - AfPS GS 2014 :01 PAK

EN 55012 :2007/A1 :2009 - EN 61000-6-1 :2007

y

con las siguientes directrices:

2006/42/EC(MD) - 2014/30/EU(EMC)

Régulation 2017/656(Euro V)

Bélgica en enero de 2019

Mr Joostens Pierre

Director

MASTER PUMPS , rue de Gozée 81, 6110 Montigny-le-Tilleul, Belgique

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S.A.V


sav@eco-repa.com




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Service Parts separated

 32 / 71 / 29 . 70 . 83

 32 / 71 / 29 . 70 . 86

Fabriqué en Chine - Vervaardigd in China - Made in China - Hergestellt in China - Fabricato in Cina

Importé par - Geïmporteerd door - imported by - Importiert - importato da - importado por : ELEM

2019