

# Instruction manual

WB10CX motor pump



(Translation of the Original Manual)



**ATENÇÃO:**

*LEIA ESTE MANUAL CUIDADOSAMENTE  
ANTES DE USAR ESTE PRODUTO.*

## 1. Introduction

### 1.1 Presentation

Thank you in advance for purchasing equipment. This tool is strictly intended for occasional, non-intensive use (non-professional machine), has been designed and built in accordance with the standards applicable in the European Community, complies with all safety and hygiene rules and respects the environment. However, safety also depends on you, so **read this manual carefully before starting to work with your machine.**

**Your safety and that of those around you depends on the correct use of the machine, so please read this safety manual carefully and always follow all its instructions.**

**If you have any questions or additional information, do not hesitate to contact our services.**

### 1.2 Warranty

It has a 24 month warranty. This warranty does not cover damage caused by misuse, falls, intensive use or wear of parts or accessories. Do not strain the machine and do not work continuously for more than 30 minutes. **The use of non-original parts will void the warranty.**

## 2. Security

- To ensure operator safety, the machine must be used according to the instructions in this manual;
- The material must only be used with original equipment;
- Avoid filling the tank when the engine is still hot. Fill the tank with caution to avoid exceeding the limits. In case of splashes, rinse the engine before starting it;
- Never run the engine in a closed or poorly ventilated area.
- Always stop the engine before leaving the machine, and as a general rule, before all cleaning, fueling, disassembly and transport operations.

### Symbology



(A) (B) (C) (D) (E) (F) (G) (H) (I) (J)

- (A) Hot surface. Do not touch.
- (B) Fast (left) or slow (right) acceleration
- (C) Danger of inflammation.
- (D) Attention. Read the instruction manual carefully.
- (E) This machine complies with the rules of the European community.

- (F) Information about the noise the machine emanates while it is in operation (value may be different from that shown in the figure)
- (G) Danger of carbon monoxide inhalation, only operate the machine in well-ventilated areas
- (H) Do not smoke near the machine, risk of explosion
- (I) Gasoline with oil mixture
- (J) Oil level

### 3. Machine

#### 3.1 Machine operation

- The WB10CX motor pump is for moving water;
- This equipment is fundamentally composed of a pump, a motor and a chassis;
- If you have a WB10CX motor pump , you only need to fill the pump body. Filling the pump body with water is mandatory to avoid heating the internal elements of the pump and to be able to produce suction;

#### 3.2 Technical data

Model	WB10CX
Motor	142F
Displacement	49cc.
Carburetor Type	98 unleaded gasoline
Maximum Rotation	7500 rpm
Refrigeration system	Air
Length x Width x Height	274 x 225 x 355 mm
Deposit Capacity	1L.
Pump Type	Automatic
Weight	9.7 kg
Outlet Diameter	1"
Maximum Pump Flow	7m3
Maximum suction height	7 meters
Manometric Height	24 meters
Rotation	Reversible
<b>ATTENTION: Do not use gasoline with oil</b>	

#### Identification plate

Location: On the engine

#### 3.3 Transport



- The motor pump is packed in cardboard packaging that protects all components;
- To facilitate transport of the motor pump, it is necessary to pour out all the remaining water in the pump body;

**Take all necessary precautions to avoid damaging the pump. It has shock-sensitive mechanical components.**

**Pay particular attention to its transport and storage.**

### 3.4 Storage

In order to keep the engine in good condition and functioning, it is necessary to take note of the following points:

- For the automatic motor pump to drain all the water using the emptying plug ;
- Empty the fuel tank by removing the tube that goes to the carburetor, then open the stopcock;
- Drain the gasoline from the carburetor using the drain screw;
- Pull the starter until you feel the maximum compression resistance (compression position);
- Cover the engine and store it in a dry, clean place.

## 4. Instructions for putting the machine into operation

### 4.1 Assembly

- Before any use, make sure the engine has the correct oil level
- Insert the suction tube and tighten it firmly.
- Place the pine cone in the point of the hose furthest from the pump;
- You only need to add water to the pump body.

**Never work without water inside the pump body, as this could cause the pump to heat up. Continuous operation of the pump without water causes the mechanical joint to be destroyed. If the pump is running without water, stop the engine immediately.**

- After adding water to the pump and checking that all the pipes are tight, you can start the engine;
- Add fuel (Petrol 98 unleaded);
- Close the air;
- If the engine is hot or the air temperature is high, close the air knob halfway, or leave it completely open;
- If the engine is cold or the ambient temperature is low, close the air handle completely;
- Speed up a little;
- Slowly pull the starter rope until you feel resistance (compression position). Let the rope return to its starting position and pull firmly upwards.
- Do not let the entire length of the rope come out;
- As soon as the engine starts to work, let the rope return to the starting position;
- Gradually open the air handle by moving the lever up and leaving it completely open;

- Do not open the air handle completely and suddenly, when the engine is cold or when the ambient temperature is low, as the engine may stop;
- Place the accelerator lever in the “idle” position and let the engine warm up without load for a few minutes;
- Progressively move the accelerator lever to the “fast” position and place it in the position necessary for engine operation.

## 4.2 Stopping

- Place the throttle lever in the “idle” position and let the engine run at this speed for 30 seconds before stopping;
- Press the stop button until the engine stops completely;

### **Incidents that can happen at work:**

- If the turbine breaks, the motor pump immediately stops drawing water;
- If the suction tube breaks, or the pine cone suffocates, the pump immediately stops sucking water.

**If any component of the machine breaks, replace it immediately, in order to obtain all the performance it had at the outset and to be able to work in complete safety. Contact your dealer immediately so that he can replace the damaged parts.**

## 4.3 Risk check

### **There are, however, several risks inherent to the machine:**

- **Preventing the risk of burns and restart of the starter:** the user must be aware that certain engine components can be particularly hot when operating and even after stopping. If they are touched by the user, it can result in serious burns when starting, and the starter can return violently to its initial position. The user must adopt a correct position to work with the engine.
- **Prevention of the risks of explosion and inhalation of toxic gases:** the user must be informed of the risks of explosions due to the presence of gasoline: he must also be warned not to breathe the gases emitted by the engine.

## 5. Security risks and procedures

<u>Scratches</u>	<u>Factors determining the dangerous situation</u>	<u>Solution description</u>
<b>Counter blow</b>	At the beginning of engine operation there is a rapid retraction of the engine.	Pull the starter into the correct position .
<b>Electrical Hazards</b>	When starting, a spark can create an electric arc .	Information available in the engine manual on the safety procedures to be followed when starting the engine.
<b>Contact with hot surfaces</b>	When the engine is running, there are parts of the engine (such as exhaust and crankcase) that reach high temperatures.	Placing warnings on the engine showing the dangers of high temperatures. Information from the instruction manual on safety when handling , transporting and storing.
<b>Noise</b>	Permanent deterioration of hearing ability, stress , distraction , interference with oral communication.	Information in the engine instruction manual. We recommend using hearing protectors .
<b>Inhalation of toxic gases</b>	Release of harmful gases during operation.	Existence of a warning on the engine showing the danger. (general safety information)
<b>Fire and explosion</b>	Sparks emitted after starting the engine may ignite flammable materials.	Carefully clean the machine after each use.

## 6. Periodic cleaning and maintenance

**All cleaning or lubricating operations on the machine must be carried out with the engine stopped and the spark plug cap removed to avoid any unexpected start-up.**

### 6.1 Periodic maintenance

Periodic maintenance is vital to ensure effective and safe use of the pump.

Consult the table below to find out the frequent maintenance and operations to be carried out.

The following table is established on the basis of normal use of the pump.

	3 hours	20 hours	30Hours	60Hours	120Hours
Clean the pump and check the tightness of the nuts and bolts	X				
Clean the spark plug		X			
Clean the air filter	X				
Disassemble and clean the pump body			X		
Clean the spark plug			X		
Clean the carburetor				X	
Clean the fuel tank				X	
Engine overhaul		X		X	X
Oil change		X			

Revisions carried out every 20 hours / 40 hours / 60 hours must be carried out by a specialized technician.

The pump motor must undergo a minimum inspection every 6 months.

(keep the invoice/receipt that proves that you actually carried out the inspection – Failure to present this same proof may lead to total loss of the guarantee)

## 6.2 Spark plug inspection

- Remove the carbon accumulated on the spark plug electrode with a steel brush;
- Check the electrode distance;

## 6.3 Cleaning the air filter

- Remove the air filter element and clean with gasoline. Then immerse in a mixture of  $\frac{3}{4}$  gasoline and  $\frac{1}{4}$  engine oil;
- A dirty air filter element can cause starting difficulties, a loss of power, engine malfunction and considerably reduce the engine's lifespan. Always keep this air filter element clean.

## 6.4 Fuel

Use 98 unleaded gasoline.

**If fuel is spilled on the engine or machine when refueling, the affected parts must be cleaned immediately.**

**If unsuitable fuel is placed in the tank, remove it immediately before starting the engine, then add suitable fuel. Using unsuitable fuel causes irreversible damage to the engine.**

## 6.5 Engine Oil 142F

Oil is one of the main factors affecting performance and service life.

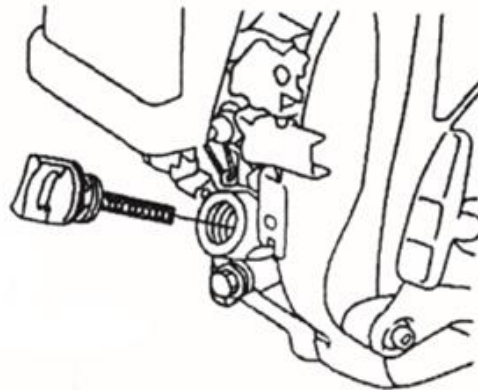
Check the oil level before each use.

Use an oil for 4-stroke engines with the viscosity indicated for the area or country in which you work. The recommended oil for mild climates is 15W40.

### Checking the 142F ENGINE oil level

Check the engine oil level with the engine stopped and in a level position.

1. Remove the oil filler cap/dipstick and clean it.
2. Insert the oil filler cap/dipstick into the oil filler neck as shown, but do not tighten it, and then remove it to check the oil level.
3. If the oil level is near or below the lower limit mark on the oil dipstick, fill with the recommended oil up to the upper limit mark.

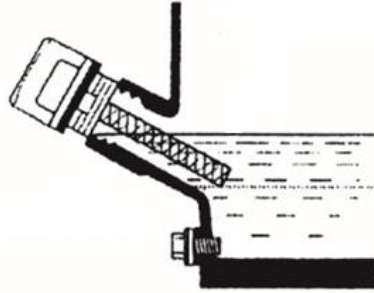


### Oil change

This must be done every **20 hours of work** .

Drain the used oil when the engine is hot. Hot oil drains more quickly and completely.

1. Place a suitable container under the engine to collect the used oil and then remove the oil fill hole cap/dipstick, the oil drain plug and the washer.
2. Allow the used oil to drain completely, then reinstall the drain plug and new washer and tighten the oil drain plug securely.



Dispose of used engine oil in an environmentally compatible way. We suggest transporting used oil in a sealed container to your local recycling center or service station. **Do not put it in household waste or spill it on the ground or down drains.**

3. With the engine in a level position, add approximately 220ml of new oil, fill to the upper limit mark (lower edge of the oil filler hole), on the oil dipstick with the appropriate oil.

Manufactured per :

ZHEJIANG ANQIDI GARDEN MACHINERY CO. ,LTD .

YANGZHANG VILLAGE, NORTH OF LUQIAO DISTRICT, TAIZHOU , 318050 ZHEJIANG, CHINA

6.6 Distributor

Distributed by:

Mobiserra , lda

Rua da Costa, Nº30 - 2435-150 Espite - Portugal



**CHECKING COMPLIANCE WITH THE MACHINERY DIRECTIVE**

**EU – MACHINERY DIRECTIVE – 2006/42/CE**

**REGISTRATION NO: VTI3069528**

**TRADUÇÃO**

**CANDIDATE:** ZHEJIANG ANQIDI GARDEN MACHINERY CO. ,LTD

**HOUSEHOLD:** YANGZHANG VILLAGE, NORTH OF LUQIAO DISTRICT, TAIZHOU, ZHEJIANG,  
318050 CHINA

**PRODUCT DESCRIPTION:** MOTOR PUMP

**MODEL NAME:** WB10CX, WB10CX-1, WB10CX-2, WB10CX-3, WB15CX, WB15CX-1, WB15CX-2,  
WB15CX-3

**TCF/ PROJECT No.** 8608559

COMPLIES WITH THE REQUIREMENTS OF THE EUROPEAN COMMUNITY DIRECTIVE 2006/42/EC.  
THE PRODUCTS SUBMITTED HAVE BEEN TESTED BY US, USING THE REFERENCED STANDARDS  
AND FOUND IN COMPLIANCE WITH THE FOLLOWING EUROPEAN STANDARDS:

**EN ISO 12100-1:2010**

**EN ISO 12100-2:2010**

**EN ISO 14121-1:2007**

**EN 60204-1:2006+A1:2009**

**EN 809:1998+A1:2009**

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## VERIFICATION OF MD COMPLIANCE

EU – MACHINERY DIRECTIVE – 2006/42/EC

Registration NO.: VT13069528

**Applicant:** ZHEJIANG ANQIDI GARDEN MACHINERY CO.,LTD.

**Applicant Address:** YANGZHANG VILLAGE, NORTH OF LUQIAO DISTRICT,  
TAIZHOU, ZHEJIANG, 318050, CHINA

**Product Description:** WATER PUMP

**Model Name:** WB10CX, WB10CX-1, WB10CX-2, WB10CX-3, WB15CX,  
WB15CX-1, WB15CX-2, WB15CX-3

**TCF / Project NO.:** 8608559

Complies with the requirements of the European Community Directive 2006/42/EC. The submitted products have been tested by us with the listed standards and found in compliance with the following European Standards:

EN ISO 12100-1:2010 EN ISO 12100-2:2010 EN ISO 14121-1:2007  
EN 60204-1:2006+A1:2009 EN 809:1998+A1:2009

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Authorized by:  
Jun 18, 2013

*Armonot.*  
Chief Assessor



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