

WULI



物理農業機械股份有限公司

WULI AGRICULTURE MACHINE CO., LTD.

動力噴霧機、高壓洗淨機、專業設計製造

HIGH PRESSURE CLEANER

OPERATION MANUAL

高壓洗淨機操作手冊

MODEL

WH-1711M

WH-2112M

WH-2512M

WH-2615M

WH-2915M

WH-3021M

WH-3517M

WH-4016M

感謝您購買物理產品，使用前請詳閱本說明。

Thank you for choosing our product.

Please read the operation manual before use.

Read the manual and safety precaution before using.



Danger

It is highly risky to use the high pressure cleaner without the ground-fault circuit-interrupter(GFCI); this device is provided to avoid the risk of electric shock.

For safety concerns, please disconnect the plug of high pressure cleaner from the power supply. Please don't touch the cleaner with wet hands.



Warning

The electrical power supply voltage must match the voltage specified on the cleaner. If the voltage does not match the voltage specified on cleaner, it may cause the damage of the motor, failure of starting the cleaner or personal injuries.

Please notice if the cord is elongated, the voltage will be lowered.



Attention

Read the manual and safety precaution before using the high pressure cleaner.

Follow the right instructions to operate the high pressure cleaner.

Please wear boiler suit, safety glasses, gloves and shoes with nonslip soles.

Never point the spray gun at people or animals.

Please hold the spray gun tightly with both hands when operating the cleaner.

Please make sure the cleaner is properly grounded.

Don't spray to the cleaner with high pressure jet to prevent the cleaner from short-circuited.

Empty the water from the high pressure hose and spray gun after disconnecting the plug of cleaner.

Make sure the power supply is off when storing the machine in a dry place.

Make sure the high pressure hose is in good condition or not bended before operating the cleaner.

Electrical Warnings



Please use the adequate power outlet, and use the extension cord size do not exceed 5.5mm².



It may cause the fire or personal injuries if the voltage does not match the voltage specified on machine.



Please use the ground-fault circuit-interrupter(GFCI).

WH-1711M
WH-2112M
WH-2512M
WH-1815M

開關
Power switch

扣環
Coupling

噴槍
Spray gun

把手
Handle

摺疊把手
Bar

出水口
Water outlet

進水口
Water inlet

蓋子 Cover



高壓管
High pressure hose



吸水管與過濾網 Suction hose with filter

WH-2615MS
WH-2915M



WH-2519M
WH-3021M
WH-4016M

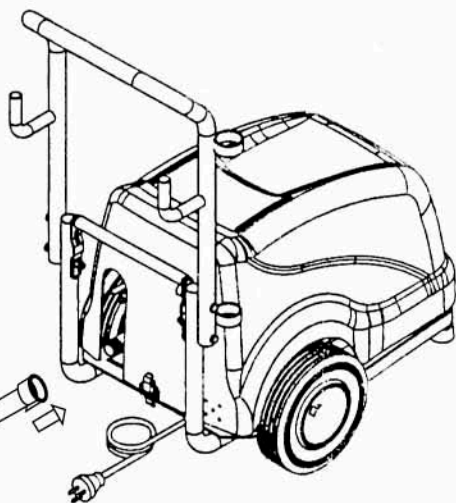
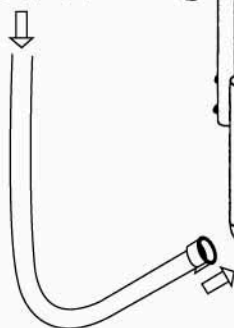


高壓管
High pressure hose

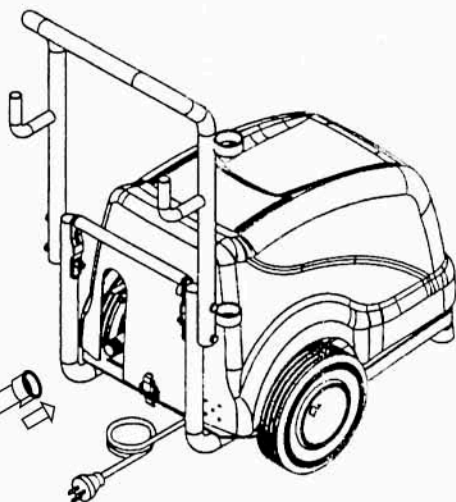
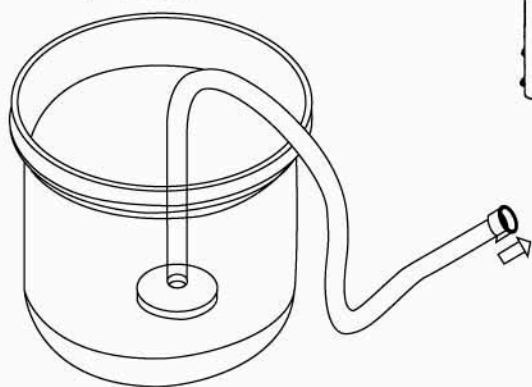


吸水管與過濾網
Suction hose with filter

Tap Water Inlet
水龍頭進水



Water Tank Inlet
水塔進水

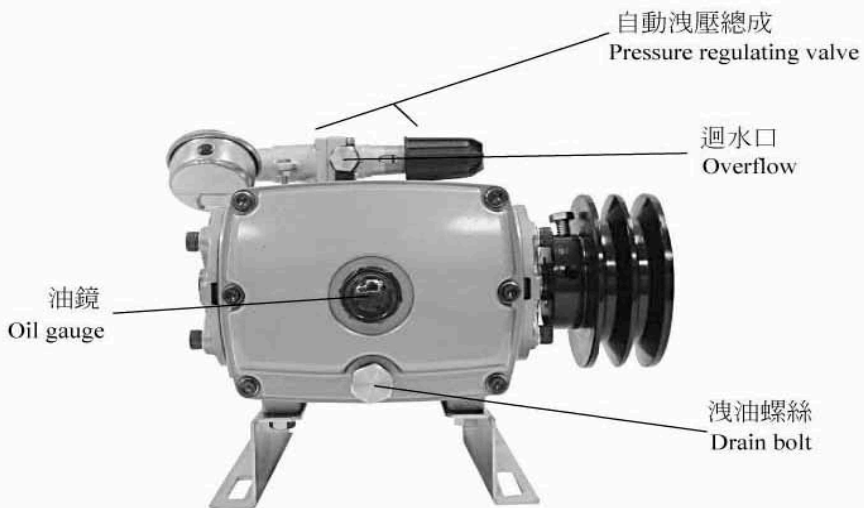
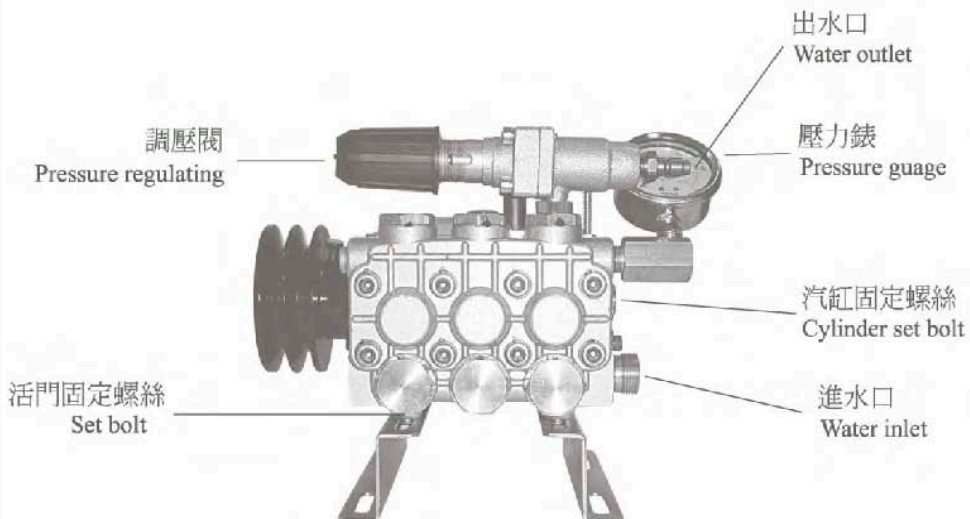


Suction Hose
吸水管



Filter
過濾網

Pump Components



English Instruction

A.Before Operation

- 1.Make sure that the high-pressure pump and motor are firmly installed on the frame.
- 2.Fasten the suction connector to the water inlet of the pump in order to prevent air from going into the pump. Leave the suction hose with filter in the water tank.
- 3.Connect the overflow hose to the water outlet of the pump.
- 4.Check whether the motor is plugged into power with the right voltage.
- 5.Make sure the length of power cable is no longer than 10 meters.
- 6.Make sure the supply of the water is clean.
- 7.Make sure the water tank is not lower than pump for more than 1.3 meters.

B.During Operation

- 1.Always use clean water.
- 2.Test the pump and stop the pump after the water runs smoothly.
- 3.Connect the spray gun to the pump, start the pump and switch on the spray gun. Adjust the pressure of the pump.
- 4.Do not switch off the spray gun before the motor/engine stops.

Troubleshooting

Problem	Cause	Solution
Motor does not start; or starts and run rough.	<ul style="list-style-type: none"> ⊙ The power cord is not plugged in. ⊙ The power outlet does not supply adequate power. ⊙ The motor freezes due to the cold weather. 	<ul style="list-style-type: none"> ⊙ Make sure the power cable is plugged in properly. ⊙ Make sure the power is adequate. ⊙ Check or replace the extension cord. ⊙ Move the unit into a warmer place.
Unusual noise.	<ul style="list-style-type: none"> ⊙ There is a power supply problem. ⊙ There is air in the pump. ⊙ The water supply is not enough. 	<ul style="list-style-type: none"> ⊙ Check the voltage. ⊙ Disconnect the spray gun and connect it again by turning off the unit and squeezing trigger until a steady flow of water emerges again. ⊙ Check the hose and fittings make sure they are tightened. ⊙ Provide adequate water flow.
Motor stops running.	<ul style="list-style-type: none"> ⊙ The motor is over heated. ⊙ Tripped circuit breaker. 	<ul style="list-style-type: none"> ⊙ Check the voltage. ⊙ Wait until the motor cools down. ⊙ Check the extension cord. ⊙ Lower the operating pressure. ⊙ Reset breaker/power supply.
The pump fails to deliver water or produce pressure.	<ul style="list-style-type: none"> ⊙ Inadequate water supply. ⊙ Water inlet hose is blocked or damaged. ⊙ High pressure hose is clogged or damaged. ⊙ Inlet hose strainer is clogged or damaged. ⊙ Spray Gun leaks. ⊙ Nozzle is obstructed or damaged. ⊙ Pump is faulty. 	<ul style="list-style-type: none"> ⊙ Provide adequate/clean water flow. ⊙ Clear/replace water inlet hose. ⊙ Clear/replace high pressure hose. ⊙ Clean or replace inlet hose strainer. ⊙ Tighten/repair/replace the gun. ⊙ Clean/replace the nozzle. ⊙ Contact a local dealer and send the pump for repair and maintenance.

Trouble Shooting

Figure (1)

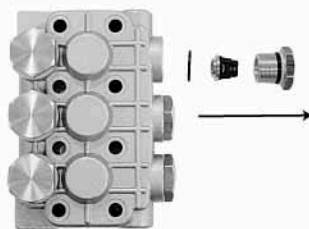


Figure (2)



Figure (3)



Figure (4)

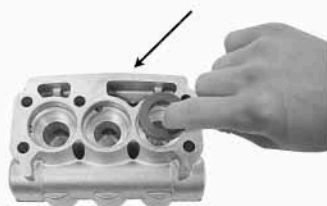


Figure (5)



Maintenance and troubleshooting

A.Maintenance

1. Replace the oil after the high-pressure pump has been used for the first 50 hours. Then, replace the oil every 300 hours by using oil type #30 or #40.
2. Loosen the drainage-bolt to drain out the used oil.
3. Fasten the drainage-bolt and open the oil-inlet cover to fill oil.
4. Lubricate the pump every 8 hours. (model with Oil Dipping Asbestos Collar)

B.Trouble Shooting

1.UNSTABLE WORKING PRESSURE AND WATER SUPPLY

- (a) Check whether the suction hose is leaking, clogged or afloat.
- (b) Drain out the surplus air by switching on the spray gun or T-type switch.
- (c) Remove the bolts outside the valves, and check whether the valves are stuck or damaged (Page 12, Figure (1)).

2.INSUFFICIENT PRESSURE

- (a) Check whether the pressure is adequate.
- (b) Check whether the revolution of the engine is at the proper speed.
- (c) Check the conditions of the spray gun and nozzle.
- (d) Check whether the overflow volume is too much. If it causes the valve-seat and pressure-valve to wear out, take off the unloader and replace them.
- (e) Check the conditions of adjusting ring, piston and waterproof seal. (Page 12, Figure (2)~(5)).

If you still have encountered any problem using our high pressure cleaner, please contact your local dealer or us with model number and serial number.