Owner’s Manual
Pressure Washer Pump For high pressure cleaning equipment

Pump is shipped with oil, don’t disassemble any components.

Inspect the product before you install it, if you find damaged components, please contact our service team at info@yamaticpower.com.

⚠️ WARNING
Serious injury can result if safety instructions are not followed.
Important Safety Instructions

WARNING - Risk of explosion.
- Do not spray flammable liquids.
- Do not operate in a flammable environment.

CAUTION
- To reduce the risk of injury, read operating instructions carefully before use.

WARNING - When using this product basic precautions should always be followed, including the following:
- Read all the instructions before using the product.
- To reduce the risk of injury, close supervision is necessary when the product is used near children. Do not allow irresponsible use by children. Always stop the product and bleed pressures before leaving unattended, disconnecting hoses or servicing the pump.
- Do not operate the product when fatigued or under the influence of alcohol or drugs.
- Do not overreach or stand on unstable support. Keep good footing and balance at all times. Wear footwear capable of maintaining a good grip on wet surfaces
- Follow the maintenance instructions specified in all manuals. Do not run pump without sufficient lubrication or sufficient water to cool the pump.
- Wear safety glasses, gloves, face protection and appropriate clothing when operating the machine.
- Do not operate this machine with broken or missing parts
- Risk of exposure to dangerous chemicals. Wear protective gloves when handling and cleaning with chemicals. Follow the chemical manufacturer’s directions. Understand all safety hazards and first aid for all chemicals being used. Do not pump highly abrasive fluids or use with incompatible chemicals or solvents.
- Know the pressure and temperature limits of your pump. Be sure all high pressure washer accessories meet or under your machine’s limits. Do not set the pressure relief valve above the machine’s limit.
- Do not clean this machine with its own spray. Cleaning should be done with a damp sponge when the engine OFF.
- High speed running pump with high temperature, do not touch pump directly.

WARNING - Risk of exposure to dangerous chemicals. Serious injury or death can result if chemical manufacturer instructions are not followed.
- Wear protective gloves when handling and cleaning with chemicals.
- Understand all safety hazards and first aid for all chemicals being used.
- When cleaning filters, check if chemicals have been used and take any precautions that are recommended by the chemical manufacturer.
- Different chemicals may interact dangerously with each other, always follow chemical manufacturer directions before switching chemicals.
- Calculate the correct amount of chemical to mix, dispose of excess chemical per the manufacturer instructions.
- Never spray flammable liquids.
Installation Direct Drive Pumps

1. Install the shaft key into the keyway and apply a light coating of anti-seize on the engine shaft.
2. Align the two key ways and push the pump completely onto the engine.
3. Install all four (4) bolts and tighten evenly.
4. Remove protection cap of outlet and unloader valve.
5. Install the appropriate water inlet fitting (3/4”-11.5 NH)
6. Connect the water supply hose and outlet (M22x1.5-14 Hose or adapter) and high-pressure discharge hose/spray gun.
7. Turn on the water supply.
8. Open the spray gun to purge the system of any air.
9. Start the engine.
10. Adjust the engine speed at rated 3,400RPM will get best performance.
11. Open gun trigger check if pump is working well and installation and connection are all good.

Operation Tips

Water Supply
1. Make sure the water supply is clean. Debris can cause excess pump wear and reduce performance.
2. An insufficient water supply will damage your pump. Make sure the water supply is steady and is 20% over the rated flow of your pump. Use a stopwatch to time how long it takes to fill a 5-gallon bucket with your garden hose.
3. The water supply garden hose must have an inside diameter of at least 5/8”. If the hose is more than 100 ft. long, the diameter must be at least 3/4”.
4. Never use a reservoir tank as a water source. Drawing water out of a tank may cause pump cavitation and damage to your pump. This pressure washer is designed for a pressurized water source such as a city water faucet. However, the water source pressure must not exceed 115 psi (8 bar). Always use a flexible rubber hose for your water supply. Do not use rigid piping.

Shut-Down Instructions
1. Turn OFF Engine.
2. Turn water supply OFF.
3. Squeeze trigger to relieve system pressure.
4. Remove garden hose.
5. Remove pressure hose.

Applying Chemicals
1. Install the black nozzle when applying chemicals onto the cleaning surface.
2. Start the pressure washer according to the start-up instructions.
3. Submerge the chemical hose in cleaning solution.
4. Squeeze the spray gun trigger. The chemical injector will draw the chemical into the water stream.
5. Apply chemicals evenly onto the cleaning surface. Allow the chemicals to react with the dirt, then clean at high pressure with high pressure (green or yellow) nozzle.
6. Never use more chemical than is necessary to clean the surface.
7. To clean the chemical injector, draw water through the strainer until all the chemical is purged from the system.
Assembly Drawing

HORIZONTAL

VERTICAL