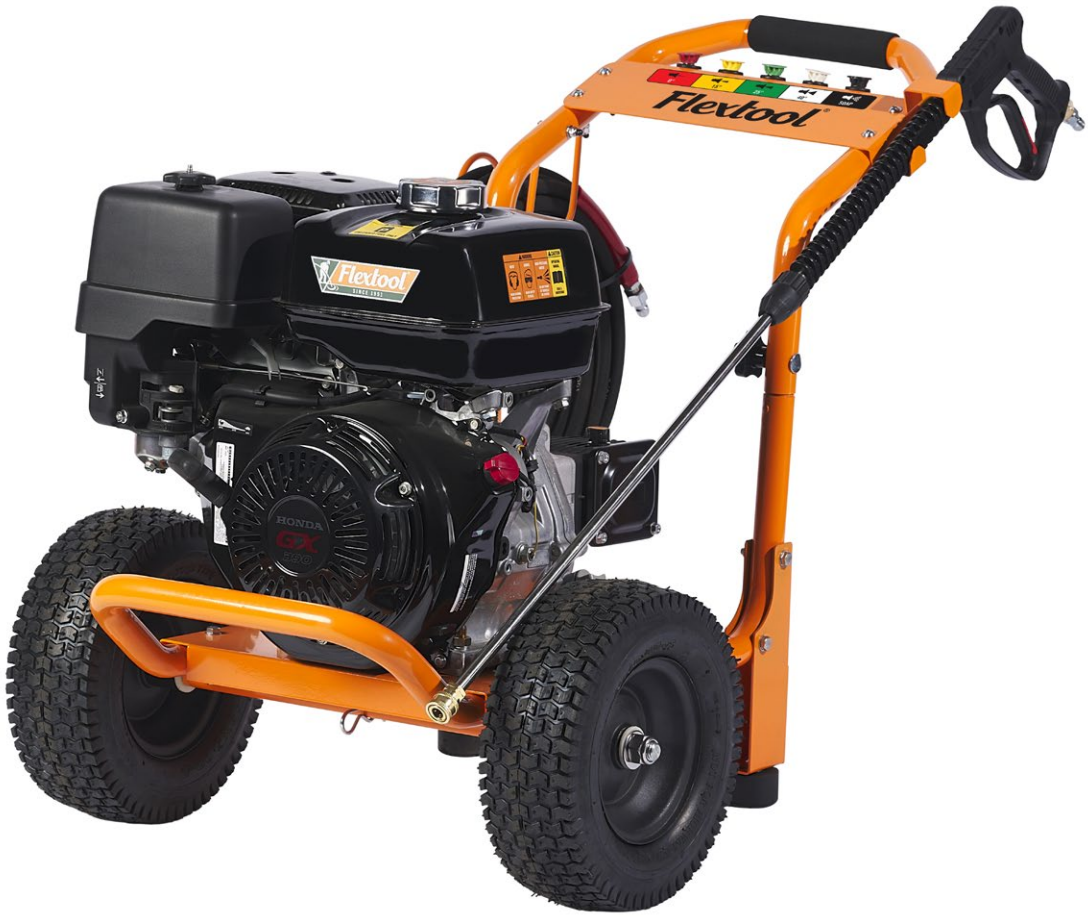
OPERATING INSTRUCTIONS

FLEXTOOL PRESSURE CLEANER FPC-3000, FPC-4000



Version 1.0 (February 2026)

FOR MORE INFORMATION VISIT flextool.com.au

CONTENTS

INTRODUCTION

Thank you for your selection of Flextool equipment.

Flextool has specialised in the design and manufacture of quality products since 1951 and have taken care in the assembly and testing of this product. Should service or spare parts be required, prompt and efficient service is available from our extensive dealer network.

The goal of Flextool is to provide power equipment that helps the operator works safely and efficiently. The operator is the most crucial safety component for this equipment and using caution and sound judgement is the best way to prevent injury. While we cannot cover all potential hazards, we have highlighted some key points. Operators should pay attention to and follow Caution, Warning, and Danger signs on equipment and in the workplace, as well as reading and following the safety instructions for each product in the operating instructions manual.

It is important to understand how each machine operates. Even if you have had experience with similar equipment previously, inspect each machine carefully before use. Get the “feel” of it and familiarise yourself with its capabilities, limitations, potential hazards, how it operates, and how it stops.

APPLICATIONS

The Flextool FPC-3000 and FPC-4000 are high performance pressure cleaners designed for the removal of contaminants from concrete, masonry, equipment, and other hard surfaces typically encountered in construction, industrial, and maintenance environments. The units generate a controlled high-pressure water stream to effectively remove dirt, grease, oil, mud, and similar surface deposits.

The FPC-3000 and FPC-4000 are intended for professional use across a range of industries and applications requiring a durable, portable, and reliable pressure cleaning solution. The units are constructed with heavy-duty components to ensure consistent performance under demanding operating conditions where cleaning efficiency, mobility, and operational reliability are required.

These pressure cleaners are suitable for use on construction sites, in workshops, within industrial facilities, and across renovation projects to support the maintenance of safe and clean working environments.

Key Application Areas:

- **Surface cleaning:** Cleaning of concrete slabs, paving, masonry, formwork, and external building surfaces to remove surface contaminants.
- **Equipment cleaning:** Removal of dirt, mud, grease, and other contaminants from construction and industrial equipment.
- **Site maintenance:** General cleaning activities during and following construction or renovation works.
- **Workshop and yard cleaning:** Cleaning of workshop floors, depots, and industrial yard areas to maintain safe and operational workspaces.

The Flextool FPC-3000 and FPC-4000 provide a mobile and reliable high-pressure cleaning solution, supporting safe operating conditions, equipment maintenance, and overall site efficiency in demanding environments.

FUNCTIONS AND KEY FEATURES

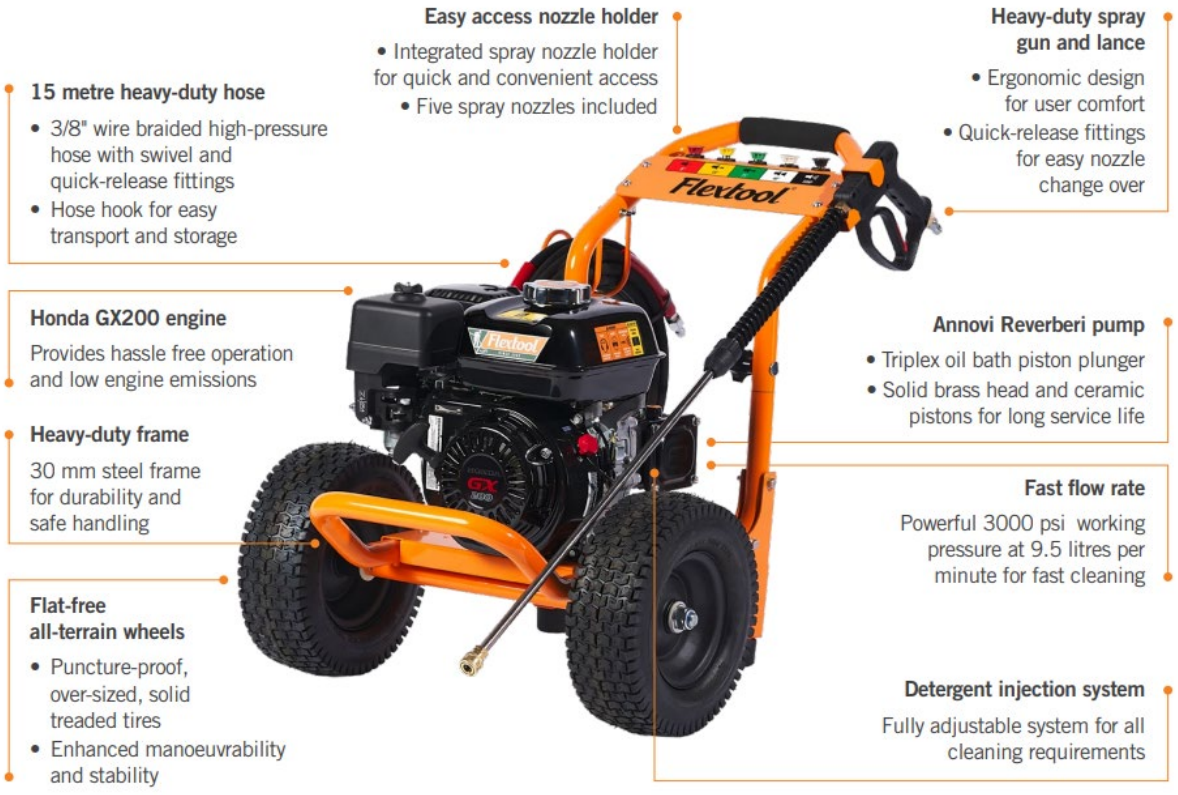
The Flextool FPC series pressure cleaners are high performance units designed for demanding commercial and industrial cleaning applications. The units are equipped with a high-efficiency Annovi Reverberi (AR) RCV triplex pump and are powered by a GX200 or GX390 engine, delivering operating pressures of up to 3000 psi (FPC-3000) and 4000 psi (FPC-4000) with high flow rates for effective removal of heavy contaminants.

The pump and engine configuration is engineered to provide consistent pressure output, operational reliability, and extended service life under continuous or heavy-duty use conditions.

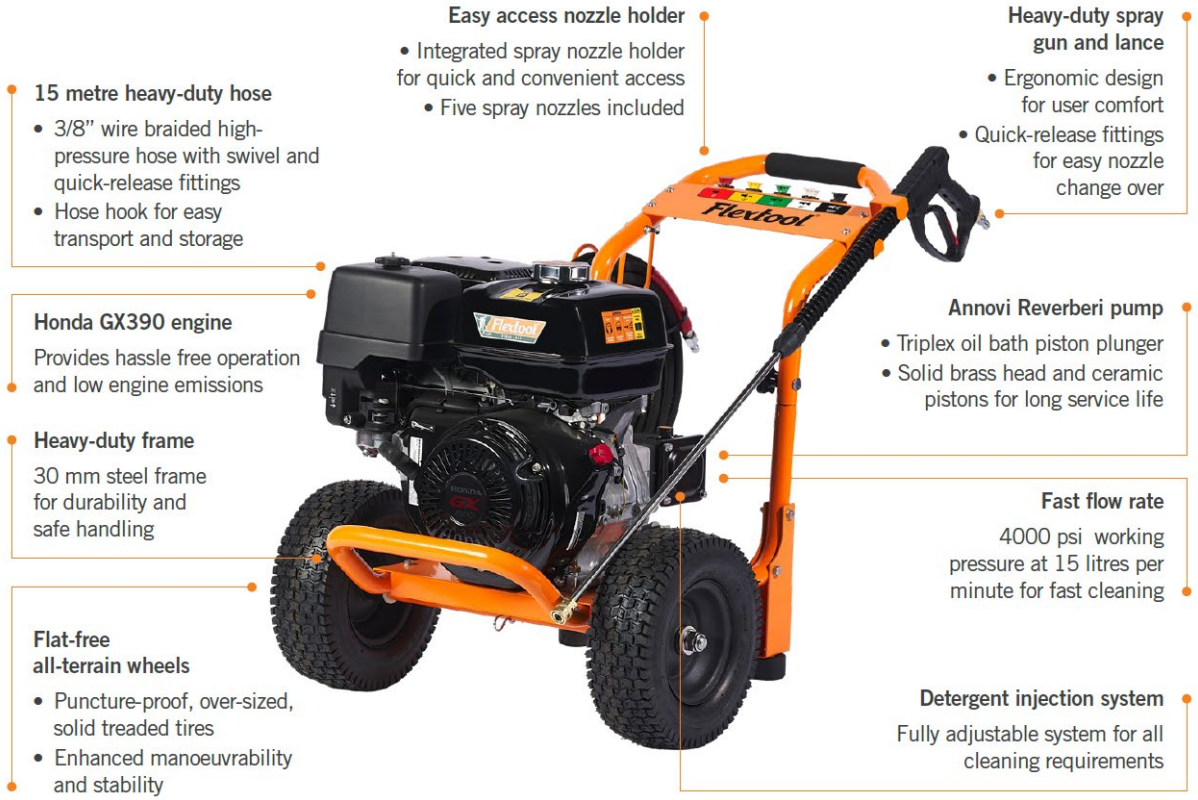
The units are mounted on a heavy-duty steel frame designed to withstand harsh operating environments. Large, flat-free all-terrain wheels provide stability during operation and facilitate ease of transport across uneven surfaces commonly encountered on construction sites and industrial locations.

The pressure cleaner is supplied with an ergonomic, heavy-duty spray gun and lance assembly designed to reduce operator fatigue and improve control during extended use. A set of five quick-connect spray nozzles is provided, allowing rapid selection of spray patterns to suit varying cleaning requirements. Nozzles are stored in an integrated, easy-access holder to support efficient operation and minimise downtime.

An adjustable detergent injection system is incorporated to enable the application of cleaning agents for degreasing and surface preparation. The system allows the operator to transition between detergent application and high-pressure rinsing without interruption to workflow.



FPC-3000



FPC-4000

GENERAL SAFETY AND HAZARD INSTRUCTIONS

Always follow the safety instructions outlined in this manual and review the associated product Risk Assessment prior to operating this equipment. Ensure that safety information and equipment decals are always well-maintained and legible. Compliance with safety instructions is mandatory.

For additional safety information relating to engines, motors and batteries, please refer to the manufacturer's Operating Instructions.

RISKS AND HAZARDS

- NEVER allow an untrained person to operate equipment without adequate instruction.
- ENSURE all users read, understand, and follow the operating instructions.
- SERIOUS INJURY may result from improper or careless use of this equipment.
- NEVER operate this equipment without personal protective equipment.
- NEVER operate this equipment when feeling unwell due to illness, fatigue, or medication.
- ALWAYS keep a first aid kit and appropriate fire extinguishers in accessible location.
- ALWAYS follow appropriate lifting and site handling procedures.

MECHANICAL HAZARDS

- DO NOT operate the equipment unless all protective guards are in place.

- ENSURE where applicable to remove spark plugs, disconnect battery from motor and isolate power cable from power outlet prior to undertaking any maintenance and repair.
- AVOID contact with hot surfaces such as engines, batteries and motors, as this can lead to severe burns.
- ONLY trained and competent personnel should perform equipment repairs and maintenance.

FIRE AND EXPLOSION HAZARDS

- DO NOT operate or refuel this equipment in combustible environments.
- FUEL is extremely flammable and explosive under some conditions.
- ENSURE that fuel is only stored in an approved storage container.
- DO NOT refuel the engine while it is in operation or hot.
- DO NOT operate or refuel this equipment in the vicinity of sparks, naked flames or other sources of ignition.
- DO NOT smoke near equipment or fuel storage.
- DO NOT overfill the fuel tank and avoid spills when refuelling. Spilled fuel or fuel vapor may ignite. If spillage occurs, ensure that the equipment is dry before starting the engine.
- ENSURE that the fuel tank cap is securely fitted after refuelling.
- NEVER use fuel as cleaning agent.

CHEMICAL HAZARDS

- DO NOT operate or refuel engines in confined spaces without adequate ventilation as carbon monoxide exhaust gases can cause severe injury or death.

NOISE HAZARDS

- EXCESSIVE NOISE can lead to temporary or permanent loss of hearing.
- ALWAYS wear approved hearing protection to limit noise exposure.

PERSONAL PROTECTIVE EQUIPMENT

- ALWAYS wear appropriate personal protective equipment as outlined in the safety decal section of this manual.

ENVIRONMENTAL SAFETY

- ENSURE correct and safe disposal of waste, fuel or oil in accordance with local authority guidelines.
- ONLY operate equipment within prescribed times as determined by local noise control laws.

ADDITIONAL HAZARDS

- ALWAYS maintain a clean and safe work environment, free from obstacles and tripping hazards as slips, trips and falls are major causes of serious injury or death.
- ALWAYS maintain good footing when operating the equipment.
- DO NOT point the nozzle at yourself or others at any time. Failure to follow this instruction may result in serious injury.

For further information on hazards, please refer to the risk assessment document available on Flextool.com.au.

SAFETY DECAL AND LABELS

Before operating this equipment, it is essential to read this entire manual and follow all safety precautions outlined in the manual and the product risk assessment, which can be found on the Flextool website (www.flextool.com.au).

Failure to understand and follow these safety warnings may result in injury. The safety decals on the machine play a crucial role in ensuring the operator's safety. If any decal is damaged or illegible, it must be replaced immediately.

The decals associated with the operation of this equipment are detailed in the manual.

SAFETY COLOUR CODING

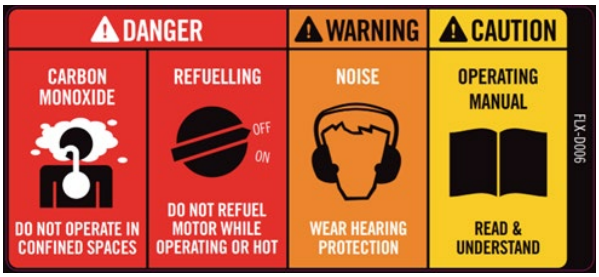
Flextool uses a colour coding system with four colours to alert you to potential hazards that could cause harm to you or others.
The safety messages are tailored to the operator's level of exposure and are introduced by one of three signal words: DANGER, WARNING, or CAUTION or general feature identification.

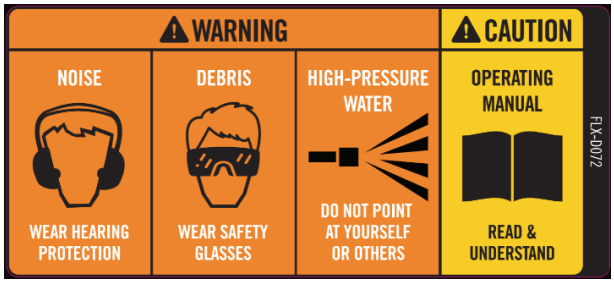
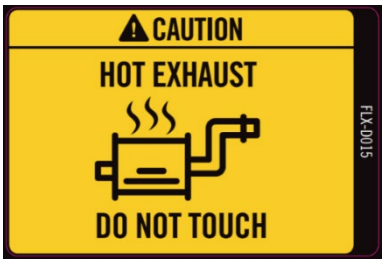
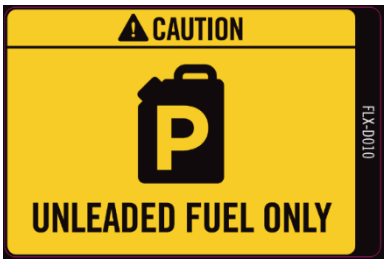
DANGER (RED)
Indicates a hazardous situation which, if not avoided, WILL result in DEATH or SERIOUS INJURY.

WARNING (ORANGE)
Indicates a hazardous situation which, if not avoided, COULD result in DEATH or SERIOUS INJURY.

CAUTION (YELLOW)
Indicates a hazardous situation which, if not avoided, COULD result in MINOR or MODERATE INJURY.

FEATURE IDENTIFICATION (GREEN)
Addresses product features and practices not related to personal injury.

Safety Decal	Safety Decal Instruction
	**Carbon Monoxide** – **DO NOT** operate this equipment in confined spaces as the engine emits harmful levels of carbon monoxide gas which can lead to serious injury or death. **Refuelling** – **DO NOT** refuel motor while operating or hot, adding fuel to a hot motor can lead to fire hazard. **Noise** – Always wear hearing protection while using equipment, use of this equipment without the use of hearing protection can lead to hearing loss. **Operating Manual** – Read and understand the operating manual in full prior to operating equipment.

	**Noise** – Always wear hearing protection while using equipment, use of this equipment without the use of hearing protection can lead to hearing loss. **Debris** – Always wear safety glasses while using equipment, use of this equipment without appropriate eye protection can result in serious eye injury. **High Pressure Water-** Do not point the nozzle at yourself or others at any time. Failure to follow this instruction may result in serious injury. **Operating Manual** – Read and understand the operating manual in full prior to operating equipment.
	**Caution** – Be careful not to contact with hot surfaces as this can lead to severe burns.
	**Caution** – Use unleaded fuel only when refueling this equipment.

OPERATION

It is essential to operate the equipment and its components strictly in accordance with the provided operating instructions. Take the time to learn how each machine works, even if you have previously used similar equipment. Carefully inspect each machine before use, and familiarize yourself with its capabilities, limitations, potential hazards, and how it operates and stops.

BEFORE STARTING

1. Ensure there is a clear and safe working environment that is free from hazards prior to commencing operation.
2. Confirm the engine is switched off before performing any pre-operational checks.
3. Check engine oil and pump oil levels. Refer to the engine and pump manufacturer's manuals for correct inspection procedures and recommended oil specifications.
4. Inspect all accessories, including hoses, trigger gun, lance, and nozzles, to ensure they are free from damage, kinks or twists. Confirm all components are clean, free of debris and correctly fitted and securely connected.
5. Connect the unit to a suitable water supply and ensure the water supply is turned on. For correct operation the water supply source needs to be capable of exceeding the output in litres per minute of the pump.
6. Prime the pump and purge air from the system prior to starting the engine. This is achieved by depressing the trigger gun until a continuous flow of water is discharged from the nozzle.

STARTING THE ENGINE

1. Move the engine on / off switch positioned under the fuel tank at the front of the engine to the "ON" position.
2. Move the engine fuel valve lever to "ON" position.
3. Position the choke lever in the "CLOSED" position.
4. Set the engine speed control lever to approximately half throttle
5. Depress and hold the trigger gun to allow water to flow through the system. This reduces pump load and assists with starting.
6. Pull the recoil starter handle. Repeat as required until the engine starts.
7. Once the engine starts, release the trigger gun and gradually move the choke lever to the "OPEN" (OFF) position.
8. Allow the engine to run at approximately half throttle for 1–2 minutes to warm up.
9. Once the engine has warmed up move the throttle lever to max engine speed to commence pressure cleaner operation.

OPERATION

- The pump pressure is factory set to the maximum rated operating level. Adjustment of working pressure is achieved by selecting the appropriate quick-connect nozzle for the specific cleaning application. Refer to the **Nozzle Selection and Application** section of this manual for further guidance.
- Nozzles must only be changed when the trigger gun is released and the trigger safety lock is engaged (ON position).
- To commence cleaning, hold the trigger gun and lance securely with both hands and depress the trigger to initiate high-pressure water flow.
- Always begin cleaning with the nozzle positioned at a minimum distance of 1.2 m from the surface. Gradually reduce the distance as required to achieve effective cleaning, ensuring that no surface damage occurs.

- Do not allow the pump to operate for more than three (3) minutes without water discharge (trigger not engaged). Operating the unit in bypass mode for extended periods may cause overheating and result in internal pump damage.

CHEMICAL/ DETERGENT OPERATION

- Ensure the pick-up tube is correctly installed in the chemical/detergent container, with the tube fully submerged in the solution. Failure to submerge the tube will prevent proper detergent flow and reduce cleaning performance.
- Change the quick-connect nozzle to the detergent nozzle before application and squeeze the gun trigger.

STOPPING AND SHUT DOWN

1. Release the trigger gun to stop the flow off high pressure water.
2. Move the engine speed control lever to the idle (low speed) position and allow the engine speed to stabilise for a short period.
3. Set the engine ON/OFF switch to the “OFF” position.
4. Move the fuel valve lever to the “OFF” position.
5. Turn off the water supply to the pump.
6. Depress the trigger gun to release any residual pressure within the system.
7. Disconnect the water supply, trigger gun and high pressure hose from the pump.
8. Allow the unit to cool before storage or transport.

NOZZLE SELECT AND APPLICATIONS

0° - RED NOZZLE / BLASTING

- Removing heavy compacted dirt from machinery and equipment used in construction, agriculture, or landscaping
- Cleaning tar, adhesive residue, and other stubborn surface contaminants from hard materials such as concrete

15° - YELLOW NOZZLE/ STRIPPING

- Heavy-duty cleaning on hard surfaces.
- Removes paint, grease, mildew, and deep stains from unpainted concrete, brick, or metal.

25° - GREEN NOZZLE/ CLEANING

- General-purpose cleaning for vehicles, equipment, roofs, gutters and flooring
- Rinsing surface in preparation for painting

40° - WHITE NOZZLE / WASHING

- Wide spray for light cleaning and rinsing of delicate surfaces

65° - BLACK NOZZLE /DETERGENT

- Low-pressure application of detergent and cleaning chemicals
- Tough stains that require the aid of a chemical agent to remove.

SERVICE AND PREVENTIVE MAINTENANCE

Qualified personnel should be assigned the task of performing service and maintenance on this equipment. To ensure safe operation and optimal performance, thorough inspection and on time maintenance is imperative.

Consistently monitor the machine's condition and proactively maintain it in its optimal state.

- ENSURE mechanical repairs and maintenance of the equipment is performed only by trained and competent personnel.
- ONLY use genuine parts and accessories to ensure compatibility and safe operation of equipment.
- ENSURE where applicable to remove spark plugs, disconnect battery from motor and isolate power cable from power outlet prior to undertaking any maintenance and repair.
- ALWAYS wear PPE when servicing and repairing equipment (gloves, glasses, dust mask and steel cap boots) to reduce risk of cuts, burns, crushing, eye injuries, skin exposure to fuel or oils, dust inhalation, etc.
- NEVER work underneath equipment suspended by lifting device or on ramps.
- For all engine, motor and battery service and maintenance information, please refer to the relevant operating instructions.

SERVICE MAINTENANCE SCHEDULE

All parts and components should be replaced if signs of deterioration, cracks, damage or wear have been identified to maintain equipment safety and performance.

Pressure Cleaner Maintenance Schedule						
		Daily	Weekly or every 20 hrs	Monthly or every 50 hrs	Quarterly or every 100 hrs	Yearly or every 200 hrs
Hose	Inspect for kinks, twists or damage	Y				
Pump Oil	Check pump oil level on the pump dipstick	Y				
	Change pump oil				Y	
Pump Seal Kit	Replace pump seal kit when leaking					Y
Pump Valve Kit	Replace if pressure is down					Y
Trigger Gun	Check for leaks	Y				
Coupling, O-Rings	Check and replace if leaking				Y	
Nut, Bolts, Pins, Clips etc	Inspect if any loose or missing parts	Y				
Wheels	Inspect for wear, deformity, or cracks	Y				
Safety Decals	Ensure they are fitted and legible	Y				

Engine Maintenance Schedule						
		Daily	Weekly or every 20 hrs	Monthly or every 50 hrs	Quarterly or every 100 hrs	Yearly or every 200 hrs
Engine Oil	Check engine oil level	Y				
	Change engine oil				Y	
Air Cleaner	Check air filter	Y				
	Change air filter					Y
Spark Plug	Inspect and adjust spark plug				Y	

Oil and Lubricant Chart				
Model	Engine Oil		Pump Oil	
	Type	Capacity (ml)	Type	Capacity (ml)
FPC-3000	SAE 10W-30	600	SAE 15W-40	300
FPC-4000	SAE 10W-30	1100	SAE 15W-40	300

STORAGE, LIFTING AND TRANSPORT

It is essential to prioritise safety and proper handling when it comes to the storage, lifting, and transportation of equipment. Following safe storage practices ensures the longevity and operational reliability of the equipment. During transportation and lifting it is important to exercise caution to avoid any potential harm and to adhere to the following guidelines.

- NEVER drag or pull the equipment by the hose.
- ALWAYS follow correct manual handling techniques.
- NEVER allow any person to stand underneath equipment while lifting.
- NEVER lift equipment while connected to power outlet or when engine / motor is running.
- ALWAYS secure equipment during transport by using suitable tie down points on both equipment and vehicle.
- ENSURE all equipment is restrained according to the NVHR load restraint guidelines.
- ALWAYS inspect straps, hooks, chains, ropes, and crane/lifting points for damage prior to use.

PRODUCT DECOMMISSIONING

Decommissioning is a controlled process used to safely retire a piece of equipment that is no longer serviceable. If the equipment poses an unacceptable and unrepairable safety risk due to wear or damage or is no longer cost effective to maintain (beyond life-cycle reliability) and is to be decommissioned or dismantled, please adhere to the following guidelines.

- ALWAYS contact your local council or recycling agency in your area to arrange for proper disposal of:
    - Electrical components and batteries. Exercise caution when handling and transporting batteries.
    - Oil and other waste associated with this equipment. DO NOT pour waste or oil directly onto the ground, down a drain or into any water source.
- CONSIDER recycling all recyclable materials in line with local council or recycling agency capabilities in your area. This can include steel, aluminium, copper, plastics, etc.

TECHNICAL DATA

Model	Operating Weight kg (lb)	Pump Pressure psi	Flow Rate lpm	Pump Speed rpm	Pump Type	Hose Length m	Nozzle Type	Engine Make	Engine Model	Max Rated Power hp	Fuel Type	Product Code
FPC-3000	38 (83.7)	3000	9.5	3400	Annovi Reverberi RSV3G30 – Triplex	15	Snap-On 5 pcs	Honda	GX200	6.5	P	FT2HIJ01-UNIT
FPC-4000	63 (138.9)	4000	15	3400	Annovi Reverberi RSV4G40 – Triplex	15	Snap-On 5 pcs	Honda	GX390	13	P	FT2HIJ02-UNIT

TROUBLE SHOOTING

Efficient troubleshooting is vital for the optimal functioning of this equipment. In addressing issues, a systematic approach is key. This section provides guidance on identifying, analysing, and resolving potential challenges to maintain the equipment's performance and longevity.

Trouble shooting guide (Pressure Cleaner unit)		
Symptom	**Possible problem**	**Solution**
No water flow from nozzle	Water supply not connected or turned off	Ensure water supply is connected and turned on
	Kinked or damaged hose	Straighten or replace hose as required
	Air trapped in system	Prime pump by holding trigger until steady water flow is achieved
Low or no pressure	Incorrect nozzle selected	Select appropriate nozzle for application
	Worn or blocked nozzle	Clean or replace nozzle
	Insufficient water supply	Ensure adequate water flow and pressure from source
	Air leaks in inlet line	Check hose connections and tighten as required
Fluctuating / pulsating pressure	Air in system	Purge air by running water through system with trigger engaged
	Inconsistent water supply	Ensure continuous, unrestricted water supply
	Blocked nozzle	Clean or replace nozzle
Excessive vibration or noise (pump)	Cavitation due to low water supply	Check water source and ensure adequate flow
	Loose fittings or connections	Inspect and tighten all connections
Detergent not drawing	Detergent nozzle not selected (low pressure)	Use correct low-pressure (detergent) nozzle
	Blocked detergent line or filter	Clean detergent hose and filter
Water leaking from unit	Loose fittings or connections	Tighten all fittings and connections
	Damaged seals or hoses	Inspect and replace faulty components
Pump overheating	Unit running in bypass (trigger not engaged) for extended period	Do not run unit for more than 3 minutes without trigger engaged
	Insufficient water supply	Ensure continuous water flow to pump
Poor cleaning performance	Incorrect nozzle selection	Select appropriate nozzle for task
	Nozzle worn or damaged	Replace nozzle
	Cleaning distance too great	Reduce distance to surface gradually

Trouble shooting guide (Engine)		
Symptom	**Possible problem**	**Solution**
Engine will not start	Engine ON/OFF switch is in the OFF position or is malfunctioning	Check that the Engine ON/OFF switch is in the ON position and inspect wiring for damage, replace switch and/or wiring if faulty or malfunctioning.
	Insufficient fuel	Check that there is fuel in the tank, that fuel tap is in the open position and the engine is getting fuel.
	Contaminated or incorrect fuel	Immediately discontinue use and drain and flush the entire fuel system (fuel tank, fuel lines and carburettor).
	Loose wiring	Inspect wiring for loose connections and broken insulation (short circuits). Replace or repair if necessary.
	Low oil level	Check oil level and top up oil in crankcase if required (for engines equipped with a low oil sensors).
	Spark plug	Check that the spark plug ignition lead is fitted correctly and that there is spark at the plug.
	Blockage in carburettor	Inspect the carburettor jet and bowl to ensure they are clean. Flush and clean or replace if necessary.
	Engine overloaded by pump	Depress and hold the trigger gun to allow water to flow through the system. This reduces pump load and assists with starting.
Engine lacks power or runs roughly	Air filter	Inspect the condition of the air filter. Clean or replace if necessary.
	Blockage in carburettor	Inspect the carburettor jet and bowl to ensure they are clean. Flush and clean or replace if necessary.
	Contaminated or incorrect fuel	Immediately discontinue use and drain and flush the entire fuel system (fuel tank, fuel lines and carburettor).

Flextool

1956 Dandenong Road, Clayton VIC 3168, Australia
Phone (AUS): 1300 353 986
flextool.com.au
ABN 80 069 961 968

This manual summarises our best knowledge of the product based on the information available at the time of publication. You should read this manual carefully and consider the information in the context of how the product will be used. Our responsibility for products sold is subject to our standard terms and conditions of sale.

DISCLAIMER:

Any advice, recommendation, information, assistance or service provided by us in this manual is given in good faith and is believed by us to be appropriate and reliable. However, any advice, recommendation, information, assistance or service provided by us is provided without liability or responsibility PROVIDED THAT the foregoing shall not exclude, limit, restrict or modify the right entitlements and remedies conferred upon any person or the liabilities imposed upon us by any condition or warranty implied by Commonwealth, State or Territory Act or ordinance void or prohibiting such exclusion limitation or modification. The product can be expected to perform as indicated in this manual so long as operation and operational procedures of the individual products are followed as recommended in this manual.

Design and technical specifications may be subject to changes.

© This publication is copyright. All rights are reserved. Flextool is a registered trade mark of Parchem Construction Supplies Pty Ltd.