

FEIDER

MACHINES

PETROL BLOWER
FSTD55
Original instructions



Warning : Please read this manual carefully before using the equipment!

FEIDER 32, rue Aristide Bergès - ZI 31270 Cugnaux – France Made in PRC 2019



SAFETY WARNINGS

WARNING: For your own safety, please read this manual before attempting to operate your new unit. Failure to follow instructions can result in serious personal injury. Spend a few moments to familiarize yourself with your blower before each use. If you give this tool to another person, also hand over this manual.

Use this tool as described in this manual. Any mishandling and any use contrary to the instructions will not in any way engage the liability of the manufacturer.

Non-compliance with safety instructions and use can cause a risk of electric shock, fire and /or injury to persons.

READ YOUR USER MANUAL THOROUGHLY BEFORE OPERATING YOUR UNIT.

- Never allow children, persons with reduced physical, sensory or mental capabilities or lack of experience and knowledge or people unfamiliar with these instructions to use the machine, local regulations may restrict the age of the operator.
- Keep children, other bystanders and pets away from the machine while operating.
- Remember that the operator or user is responsible for accidents or hazards occurring to persons or their belongings.
- Do not disassemble the tool yourself. Disassembly, repair or verification must be made exclusively by qualified personnel.
- WEAR CLOSE FITTING, TOUGH WORK CLOTHING that will provide protection, such as long slacks or trousers, safety work shoes, heavy duty work gloves, hard hat, a safety face shield, or safety glasses for eye protection. The tool is extremely noisy and requires the use of ear protection, such as a good grade of ear plugs or other sound barriers.
- Always carry the machine by its handle; never use any other part of the machine.
- REFUEL IN A SAFE PLACE. Open fuel cap slowly to release any pressure which may have formed in fuel tank. Always wipe unit of fuel or oil spills before starting. To prevent a fire hazard, move at least 10 feet (3meters) from fueling area before starting.
- TURN UNIT OFF before setting it down and also before installing or removing attachments.
- KEEP ALL SCREWS AND FASTENERS TIGHT and the unit in good operating condition. Never operate this equipment if it is improperly adjusted or not completely and securely assembled.
- KEEP HANDLES DRY, clean and free of fuel mixture.
- STORE EQUIPMENT AWAY FROM POSSIBLE IGNITION SOURCES, such as gas-powered water heaters, clothes dryers, or oil-fired furnaces, portable heaters, etc.
- ALWAYS KEEP the engine free of debris build-up.
- OPERATION OF EQUIPMENT should always be restricted to mature and properly instructed individuals.
- ALL PERSONS WITH RESPIRATORY PROBLEMS and persons operating blower in very dusty environments, should wear a dust particle mask at all times. Paper dust masks are available at most paint and hardware stores.
- Operate the machine only at reasonable hours - not early in the morning or late at night when people might be disturbed. Comply with times listed in local ordinances.
- Avoid using the machine in bad weather, especially when there is a risk of thunderstorms and lightning.
- In case of accident, immediately stop using the machine. Turn the machine off and check the problem. Do not use the machine while the machine is damaged.

CE DECLARATION

FEIDER

ZI, 32 rue Aristide Bergès – 31270 Cugnaux - France

Tel: +33 (0)5.34.502.502 Fax: +33 (0)5.34.502.503

Declares that the machines:

PETROL BLOWER

Model: *FSTD55*

Serial No.: 20190901142to20190901201

The people name holding the technical file: M. Olivier Patriarca

Have been designed in compliance with the following standards:

EN15503: 2009+ A1: 2013+A2: 2015

ENS ISO 14982: 2009

And in accordance with the following directives:

Directive Machine 2006/42/EC

EMC directive 2014/30/EU

Emission directive (EU) 2016/1628 & 2017/656/EU

Noise directive 2000/14/CE Annex V & Directive 2005/88/CE

Cugnaux, 17/06/2019



Philippe MARIE / PDG

- If the machine should start making any unusual noise or vibration, immediately shut off the power source and allow the machine to stop. Take the following steps before restarting and operating the machine:
 - a) Inspect for damage;
 - b) Replace or repair any damaged parts;
 - c) Check for and tighten any loose parts.
- If the machine becomes clogged, shut-off the power source before cleaning debris.
- Never operate the machine with defective guards or shields, or without safety devices in place.
- Keep the power source clean of debris and other accumulations to prevent damage to the power source or possible fire.
- Do not carry this machine while it is in operation. Always switch off the tool and always transport it by its handle and in order to avoid accidents and a fuel leak.
- Stop the machine and make sure that all moving parts have come to a complete stop
 - a) Whenever you leave the machine;
 - b) Before clearing blockages or unclogging chute;
 - c) Before checking, cleaning or working on the machine.
- Do not tilt the machine while the power source is running.
- Operate the machine at the lowest possible engine speed to do the job. Like this, vibration and noise levels as well as the tool's wear can be kept to a minimum.
- Use rakes and brooms to loosen debris before blowing.
- In dusty conditions, slightly dampen surfaces.
- Use the full blower nozzle extension so the air stream can work close to the ground.
- WARNING: not to operate the machine near open windows, etc.;
- WARNING: DO NOT USE ANY OTHER FUEL than that recommended in your manual. Always follow instructions in the Fuel and Lubrication section of this manual. Never use gasoline unless it is properly mixed with 2-cycle engine lubricant. Permanent damage to engine will result, voiding manufacturer's warranty.
- DO NOT SMOKE while refueling or operating equipment.
- DO NOT OPERATE UNIT WITHOUT A MUFFLER and properly installed muffler shield.
- DO NOT TOUCH or let your hands or body come in contact with a hot muffler or spark plug wire.
- DUE TO THE DANGER of exhaust fumes, never operate blower in a confined or poorly ventilated area.
- NEVER POINT BLOWER in the direction of people, animals, buildings, automobiles, or open windows, etc.
- DO NOT operate unit without inlet cover installed to prevent contact with impeller.
- DO NOT set a hot engine down where flammable material is present.
- DO NOT OPERATE UNIT FOR PROLONGED PERIODS. Rest periodically to prevent damage from vibration, damage to ears or damage to the appliance.
- Operate the machine in a recommended position and only on a firm, level surface.
- Do not operate the machine on a paved or gravel surface where ejected material could cause injury.
- WARNING: DO NOT ADD, REMOVE OR ALTER ANY COMPONENTS OF THIS PRODUCT. Doing so could cause personal injury and/or damage the unit, voiding the manufacturer's warranty.
- DO NOT OPERATE UNIT WHILE TIRED, SICK OR UNDER THE INFLUENCE OF ALCOHOL OR DRUGS.

- DO NOT operate your unit near or around flammable liquids or gases whether in or out

of doors. An explosion and/or fire may result.

- DO NOT WEAR loose clothing, scarfs, neck chains, unconfined long hair, and the like. Doing so could cause injury associated with objects being drawn into the rotating parts.
 - DO NOT refuel a running engine or an engine that is hot.
 - Before using, always visually inspect to see that fasteners are secure, the housing is undamaged and that guards and screens are in place. Replace worn or damaged components in sets to preserve balance. Replace damaged or unreadable labels.
 - Before starting the machine, make certain that the tube is empty.
 - Keep your face and body away from the nozzle.
 - Do not allow hands or any other part of the body or clothing inside the discharge chute or near any moving part.
 - Keep proper balance and footing at all times. Do not overreach. Never stand at a higher level than the base of the machine when blowing material with it.
 - Always stand clear of the discharge zone when operating this machine.
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- To reduce the risk of hearing loss associated with sound level, hearing protection is required.
 - To reduce the risk of injury associated with contacting rotating parts, stop the engine before installing or removing attachments. Do not operate without guard in place. Always disconnect the spark plug before performing maintenance or accessing any movable parts.
 - Do not point the blower nozzle in the direction of people or pets.
 - Never run the unit without the proper equipment attached. When used as a blower, always install the blower tubes.
 - operate the machine only at reasonable hours – not early in the morning or late at night when people might be disturbed;
 - Do not to operate the machine near open windows.
 - Use rakes and brooms to loosen debris before blowing
 - Slightly dampen surfaces in dusty conditions or use mister attachment;
 - Limit the time of use of the tool. Take a time of rest between 2 operations. Do not work earlier or later in the night. Do be exposed to noise and vibration for a prolonged time. Noise can bring damage to the ears.
 - This machine is extremely noisy. Always wear a hearing protection when use the tool.
 - In the event of accident or breakdown, stop to use the machine. Switch off the tool and wait until it completely stops. Check the problem. In case of blockage, clear the blockage carefully. In case of breakdown, bring the tool to an after sales service for inspection and reparation. Only use the tool when it is safely unblocked.
 - Operate the machine only at reasonable hours – not early in the morning or late at night when people might be disturbed.
 - WARNING – there is danger from rotating parts; do not enter in contact with them.

Maintenance and storage

When the machine is stopped for servicing, inspection, or storage, or to change an accessory, shut off the power source and make sure that all moving parts have come to a complete stop. Allow the machine to cool before making any inspections, adjustments, etc. Maintain the machine with care and keep it clean.

- Store the machine in a dry place out of the reach of children.
- Always allow the machine to cool before storing.
- Replace worn or damaged parts for safety. Use only genuine replacement parts and accessories.

Storing the Machine

For periods of about 3 months or longer

- Drain and clean the fuel tank in a well-ventilated area.
- Run engine until carburetor is dry - this helps prevent carburetor diaphragms sticking together.
- Thoroughly clean the machine- pay special attention to the cylinder fins and air filter.
- Store the machine in a dry, high or locked location - out of the reach of children and other unauthorized persons.

Do not expose the container to direct sunlight for unnecessarily long periods. UV rays can make the container material brittle, which could result in leaks or breakage.

Specifications

Spark plug.....	L7RTC Gap (0.6~0.7) mm
Fuel.....	Mixed (Gasoline and Two-stroke Oil)
Oil.....	40:1 High
Idle Speed.....	3000/min
Max speed.....	7500/min
Displacement.....	52cm ³
Air volume.....	1080m ³ /h
Air speed.....	0.3m/s
Power.....	1,45kW
Noise :	
Sound pressure level:	LpA: 98,5 dB(A) K=3 dB
Sound power level: Lwa:.....	108,3 dB(A) K= 3 dB
Guarantee sound power level:	116 dB
vibration value:	4,194m/s ² K= 1,5m/s ²

Install the main filter and prefilter elements in the filter cover.

Fit the cover on the filter base and tighten it down firmly.

Carburetor

Your carburetor shall be only be checked by professional repairman, never try to do it by yourself.

Checking the Spark Plug

If engine is down on power, difficult to start or runs poorly at idle speed first check the spark plug.

- Remove the spark plug - see "Starting / Stopping the Engine"

Check electrode gap (A) and readjust if necessary – see "Specifications".



- Never attempt to override the interlocked feature of the guard.

Residuals risks

Even if you use this product in compliance with all safety requirements, potential risks of injury and damage remain. The following hazards may arise from the structure and design of this product. Always be vigilant when using this product, so you can recognize and manage the risks early. Rapid intervention can prevent serious injury and property damage. Turn off the tool if there are any malfunctions. Have it checked by a qualified professional and have repairs carried out, if necessary, before using it again.

- There are harmful health consequences resulting from the emission of vibrations if the product is used for long periods of time or not properly managed and properly maintained.
- There is risk of injury and property damage due to attachments or broken the sudden impact of hidden objects.
- Risk of injury to persons and property caused by flying objects.
- Prolonged use of this product exposes the operator to vibration and can produce so-called "white finger" disease. To reduce the risk, wear gloves and keep your hands warm.
- If any of the symptoms of "white finger syndrome" occur, seek immediate medical attention. Symptoms of the "white finger" include numbness, loss of sensitivity, tingling, tingling, and pain, loss of strength, color changes or skin condition. These symptoms usually appear on the fingers, hands or wrists. Risk increases at low temperatures.
- Inhalation of particles of material blown.
- Unattended projections.
- Contact with foreign objects.
- Contact with the tool in operation.
- Hearing loss in the absence of correct hearing protection.

Symbols



Read instruction handbook



Risk of projection, keep bystanders away



The direction to Open or close choke



Wear ocular protection and hearing protection



Guarantee sound power level



Risk of fire



Hot surface



Risk of inhalation of exhausted gas

Intended use

- This blower is meant to be used for blowing leaves, dust or garden debris into a desired direction. It must not be used for blowing water, chemical products, flammable material, metal or wood and other dangerous objects.
- This product is intended for private domestic use only. It must be used outdoors.
- This product is not intended to be used in a closed room and places where exhausted gas and flames can be present.
- The use of this product in case of rain or humid environments is prohibited.
- Any other use might lead to damage of the appliance, property or personal injury.

3. Use the blower around walls, overhangs, fences, and screens.
4. We recommend that a face mask be worn when operating the blower in dusty areas.
5. Stand away from the debris, at a distance that will easily allow you to control the direction of blown debris. Never blow debris in direction of bystanders.
6. To control velocity of air stream, blower can be operated at any speed between idle and full throttle.

Experience with the unit will help you determine the amount of airflow necessary for each application.

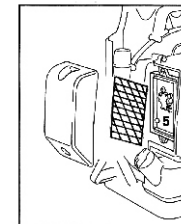
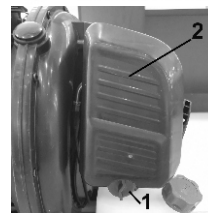
7. To reduce sound levels, limit the number of pieces of equipment used at any one time.
8. Check your equipment before operation, especially the muffler, air intakes and air filters.
9. Use rakes and brooms to loosen debris before blowing. In dusty conditions, slightly dampen surfaces when water is available.
10. Conserve water by using power blowers instead of hoses for many lawn and garden applications, including areas such as gutters, screens, patios, grills, porches and gardens.
11. Use intermediate tube plus nozzle of your choice so the air stream can work close to the ground.
12. After using blowers and other equipment, CLEAN UP! Dispose of debris in trash receptacles.

Operating instructions



1. Follow the instructions "STARTING A COLD ENGINE".
2. Once unit is running, place unit on your back by slipping arms through the shoulder straps as if you were putting on a backpack.
3. When preparing to clear an area of debris, always position yourself so that you can control the direction debris will be blown.
4. The control handle and the flexibility of the blower tube assembly will allow you to clear the most hard-to-reach areas.
5. The hand grip, throttle trigger, lock-out button and on/off ignition switch are all mounted on a swivel handle that offers a wide range of operating positions and comfort.

MAINTENANCE

Cleaning the Air Filter



Dirty air filters reduce engine power increase fuel consumption and make starting more difficult.

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- Turn choke knob to 
- Release the lock nut (1) and pull off the filter cover (2)
- Remove the filter from the cover and inspect it - if it is dirty or damaged, clean the filter or fit a new one.

LOCK NUT

Starting / Stopping the machine

Cold start

1. Turn the switch to position I.

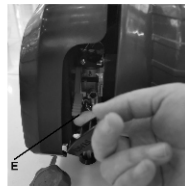
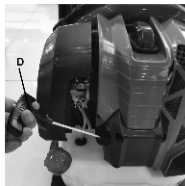
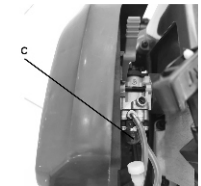
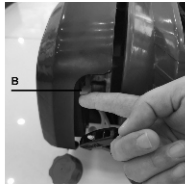
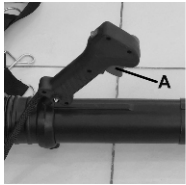
2. Move the choke lever to the close position (B)

2. Pump the fuel by pressing the priming pump (C) 10 times.

5. Pull the starter grip 4-6 times, until the engine starts (D)

6. Move the choke lever to open position (E)

6. Press the lock button and then the trigger (B) to start the operation.



HOT STARTING

1. Move throttle lever to close position — move the stop switch to "I" position

2. Then push the throttle level on the open position

3. Pull recoil starter handle and engine should start.

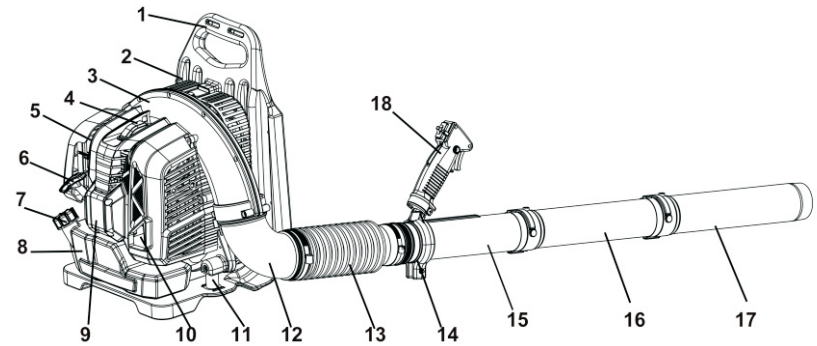
STOPPING ENGINE

Release the joystick, let the machine idle. Then press the switch to stop the machine.

Blower operations

1. Use the blower for trees, shrubs, flower beds, and hard-to-clean areas.
2. Use the unit around buildings and for other normal cleaning procedures.

DESCRIPTION

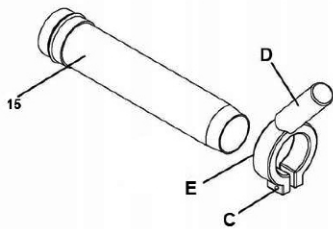
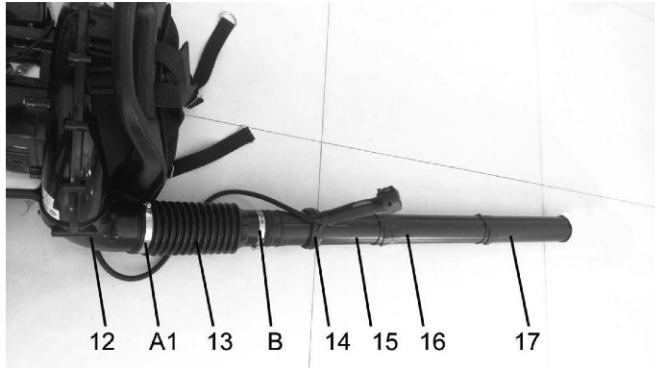


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|--------------------|------------------------|
| 1. Frame carrier | 10. Muffler |
| 2. Side cover | 11. Shock absorber |
| 3. Wind cover | 12. Flexible elbow |
| 4. Spark plug cap | 13. Flexible pipe |
| 5. Gasoline engine | 14. Collar for switch |
| 6. Starter handle | 15. No.1 wind pipe |
| 7. Fuel tank cap | 16. No.2 wind pipe |
| 8. Fuel tank | 17. No.3 wind pipe |
| 9. Easy starter | 18. Handle with switch |

ASSEMBLY

1. Assemble No.1 wind pipe (15) to the flexible pipe (13) by turning it counter-clockwise then screwing the clamp (B)
2. Assemble flexible pipe (13) to flexible elbow (12) on blower by screwing the clamp (A1)
3. Loosen wing nut (C) completely by hand then install handle with switch (D) on the No.1 wind pipe (15) by sliding notches (E) in handle clamp; handle should be angled away from operator.
4. Position handle for comfortable operation and screw wing nut (C) tightly.

5. Assemble No.1 wind pipe (15) to No.2 wind pipe (16) and fix it with the top screw.
6. Assemble No.2 wind pipe (16) to No.3 wind pipe (17) and fix it with the top screw.



Adjusting backpack and harness and control handle

1. Place blower on your back by slipping arms through the shoulder straps as if you were putting on a backpack.
2. Once adjustments have been made to the straps for user comfort, remove the blower from your back and place on level ground in an upright position.
3. Adjust backpack harness and control handle.

FUELLING AND LUBRICATION

Fuel

Use regular grade unleaded gasoline mixed with 40:1 custom 2-cycle engine oil for best results. Use mixing ratios in the fuel mixing table below.

WARNING: Never use straight gasoline in your unit. This will cause permanent engine damage and void the manufacturer's warranty for the product. Never use a fuel mixture that has been stored for over 90 days.

WARNING: If 2-cycle lubricant other than Talon Custom Lubricant is to be used, it must be premium grade oil for 2-cycle air cooled engines mixed at a 30:1 ratio. Do not use any 2-cycle oil product with a recommended mixing ratio of 100:1. If insufficient lubrication is the cause of engine damage, it voids the manufacturer's engine warranty.

Mixing fuel

Pour the oil and fuel in a container. Mix them thoroughly during 1 min.

Add fuel in the machine

Open the fuel tank by removing the cap. Pour the mixing fuel correctly in the fuel tank. Wipe any spillage. Close the fuel tank.

Recommended fuels

Some conventional gasolines are being blended with oxygenates such as alcohol or an ether compound to meet clean air standards. The engine is designed to operate satisfactorily on any gasoline for automotive use including oxygenated gasoline.

Precautions for fueling

- Always use extreme care when handling fuel! Fuel is highly flammable.
- Never attempt to fuel the blower if the fuel system components are damaged or are leaking.
- Never attempt to refuel the engine while it is running or still warm, allow it to cool before fueling.
- Never smoke or light any fires near the blower or fuels.
- Always transport and store fuels in an approved container.
- Never place flammable material close to the engine muffler.
- Never operate the blower without a properly functioning muffler and spark arrestor installed.
- Never operate the blower unless it is properly assembled and in good working condition.
- Do not use petrol which contains ethanol or methanol as it may damage the fuel lines and other engine parts.
- Mix only enough fuel for your immediate needs. If fuel must be stored longer than 30 days, it should first be treated with a stabilizer or similar product.