

FUXTEC FX-LB133T

FUXTEC FX-LB133T Backpack Gasoline Leaf Blower

User Manual

1. SAFETY INSTRUCTIONS

Always prioritize safety when operating power tools. Failure to follow these instructions may result in serious injury or property damage.

- **Read the Manual:** Thoroughly read and understand this entire manual before assembly, operation, or maintenance.
- **Personal Protective Equipment (PPE):** Always wear appropriate PPE, including eye protection, hearing protection, long pants, sturdy footwear, and gloves.
- **Fuel Handling:** Gasoline is highly flammable. Handle fuel in a well-ventilated area, away from sparks, open flames, or heat sources. Do not smoke while refueling.
- **Engine Exhaust:** Operate the blower in a well-ventilated outdoor area. Engine exhaust contains carbon monoxide, which is a colorless, odorless, and deadly gas.
- **Clear Work Area:** Ensure the work area is clear of bystanders, children, and pets. Maintain a safe distance from others.
- **Inspect Before Use:** Before each use, inspect the blower for loose parts, damage, or fuel leaks. Do not operate a damaged unit.
- **Secure Grip:** Maintain a firm grip on the control handle during operation.
- **Avoid Contact:** Keep hands, feet, and clothing away from moving parts.
- **Storage:** Store the blower in a cool, dry place, out of reach of children. Ensure the fuel tank is empty or properly sealed for long-term storage.

2. PRODUCT OVERVIEW

The FUXTEC FX-LB133T is a powerful and ergonomically designed backpack gasoline leaf blower, ideal for clearing large areas efficiently. Its robust engine and comfortable backpack design make it suitable for extended use.

Key Features:

- Ergonomic design and low operating weight for fatigue-free work.

- Mobile and flexible operation for large areas, effectively blowing leaves from grass, flowerbeds, and other surfaces.
- Powerful 33.0 cm³ engine with 900 W output.
- Large 650 ml fuel tank for extended use without frequent refueling.
- Padded back harness for comfortable carrying and balanced weight distribution, preventing unilateral spinal load.



Image: The main engine unit of the FUXTEC FX-LB133T backpack leaf blower, showcasing its compact design.

3. INCLUDED COMPONENTS

Upon unpacking, ensure all the following components are present:

- Blower main unit (engine and backpack frame)
- 2-piece blower tube assembly
- Fuel mixing bottle (mixer)
- Assembly hardware
- Backpack harness (pre-attached or separate)

- User Manual (this document)

4. SETUP AND ASSEMBLY

Follow these steps to assemble your FUXTEC FX-LB133T leaf blower:

1. **Attach the Flexible Hose:** Connect the flexible hose from the main blower unit to the first section of the blower tube. Secure it with the provided clamp.
2. **Assemble the Blower Tube:** Connect the two sections of the blower tube together. Ensure they click firmly into place or are secured with any provided fasteners.
3. **Attach the Nozzle:** Secure the assembled blower tube to the flexible hose. The nozzle should be firmly attached to prevent detachment during operation.
4. **Connect the Control Handle:** Attach the control handle to the blower tube at a comfortable position. Ensure the throttle cable is properly connected and moves freely.
5. **Adjust Backpack Harness:** If not pre-attached, connect the backpack straps to the main unit. Adjust the straps for a snug and comfortable fit, distributing the weight evenly across your shoulders and back.



Image: The FUXTEC FX-LB133T leaf blower fully assembled, showing the backpack harness and blower tube.



Image: Side view of the assembled FUXTEC FX-LB133T, highlighting the flexible hose connecting the engine to the blower tube.

5. OPERATING INSTRUCTIONS

5.1 Fuel Mixture

This leaf blower uses a 2-stroke engine and requires a specific gasoline-oil mixture. Use unleaded gasoline with a minimum octane rating of 90 and a high-quality 2-stroke engine oil.

- **Mixing Ratio:** 1:40 (1 part 2-stroke oil to 40 parts gasoline).
- Use the provided mixing bottle for accurate measurement.
- Mix fuel in a separate, approved fuel container. Shake well before pouring into the blower's fuel tank.
- **FUXTEC Tip:** For optimal and long-lasting performance, we recommend using original FUXTEC 2-stroke oils.

5.2 Starting the Engine

Ensure the blower is on a flat, stable surface before starting.

1. **Fuel Tank:** Fill the fuel tank with the correct gasoline-oil mixture. Securely close the fuel cap.
2. **Primer Bulb:** Press the primer bulb several times until fuel is visible in the bulb and free of air bubbles.
3. **Choke Lever:** Move the choke lever to the 'CLOSED' (cold start) position.
4. **Ignition Switch:** Set the ignition switch to the 'ON' position.
5. **Starter Cord:** Hold the blower firmly with one hand. With the other hand, pull the starter cord slowly until resistance is felt, then pull sharply and quickly. Repeat until the engine briefly fires (usually 1-3 pulls).

6. **Open Choke:** Once the engine fires, immediately move the choke lever to the 'OPEN' (run) position.
7. **Restart:** Pull the starter cord again until the engine starts and runs smoothly.
8. **Warm-up:** Allow the engine to warm up for a few moments at idle speed before applying full throttle.

5.3 Operating the Blower

Once the engine is running, put on the backpack harness and adjust it for comfort.

- **Throttle Control:** Use the throttle lever on the control handle to adjust the blowing speed.
- **Sweeping Motion:** Use a sweeping motion to move leaves and debris. Work in rows to ensure complete coverage.
- **Ergonomics:** The padded back and ergonomic design allow for comfortable operation over large areas.
- **Stopping the Engine:** To stop the engine, move the ignition switch to the 'OFF' position.



Image: Close-up view of the ergonomic control handle, showing the throttle trigger for adjusting blowing power.



Image: Another close-up of the control handle, clearly showing the ON/OFF switch for engine control.

6. MAINTENANCE

Regular maintenance ensures the longevity and optimal performance of your leaf blower. Always disconnect the spark plug wire before performing any maintenance.

- **Air Filter:** Clean the air filter regularly (after every 5-10 hours of operation, or more frequently in dusty conditions). Remove, clean with warm soapy water, rinse, dry thoroughly, and re-oil lightly if it's a foam filter.
- **Spark Plug:** Inspect the spark plug (TORCH-BMR6A) every 25 hours of operation. Clean or replace if fouled or worn. Ensure the gap is correct according to specifications.
- **Fuel Filter:** Check the fuel filter inside the fuel tank periodically. Replace if clogged or damaged.
- **Cooling Fins:** Keep the engine's cooling fins clean to prevent overheating.
- **General Cleaning:** After each use, clean the exterior of the blower, especially the air intake and blower tube, from debris.
- **Storage:** For long-term storage, drain all fuel from the tank and carburetor. Run the engine until it stops from lack of fuel. Store in a dry, protected area.

7. TROUBLESHOOTING

Refer to this section for common issues and their solutions.

Problem	Possible Cause	Solution
Engine won't start	No fuel, incorrect fuel mixture, clogged fuel filter, fouled spark plug, ignition switch OFF, choke incorrect	Check fuel level and mixture, clean/replace fuel filter, clean/replace spark plug, turn ignition ON, adjust choke
Engine starts then stops	Clogged fuel filter, incorrect choke setting, air filter dirty, fuel cap vent clogged	Clean/replace fuel filter, adjust choke, clean air filter, check fuel cap vent
Low blowing power	Dirty air filter, clogged blower tube, engine running poorly	Clean air filter, clear blower tube of debris, perform engine maintenance
Excessive vibration	Loose components, damaged fan/impeller	Check and tighten all fasteners, inspect fan for damage (contact service if damaged)

8. SPECIFICATIONS

Technical data for the FUXTEC FX-LB133T Backpack Gasoline Leaf Blower:

- **Model:** FX-LB133T
- **Engine Type:** 2-stroke, gasoline
- **Engine Displacement:** 33.0 cm³
- **Max. Engine Power:** 1.22 HP / 0.9 kW
- **Power in Watts:** 900 W
- **Idle Speed:** 2,800 rpm
- **Fuel Tank Capacity:** 650 ml
- **Gasoline Mixture:** 1:40 (Gasoline:2-stroke oil)
- **Spark Plug:** TORCH-BMR6A
- **Blowing Speed:** 0.2 m³/s at 7500 rpm (equivalent to over 300 km/h)
- **Measured Sound Power Level (LpA):** 90 dB (A)
- **Guaranteed Sound Power Level (LwA):** 95 dB (A)
- **Net Weight:** 4.5 kg (main unit)
- **Product Weight (with components):** 7.1 kg
- **Housing:** Backpack
- **Special Features:** Comfortable, flexible, durable

9. WARRANTY AND SUPPORT

FUXTEC products are designed for quality and durability. For warranty information, technical support, or to order spare parts, please refer to the official FUXTEC website or contact your local dealer.

As a company operating across Europe with headquarters in Herrenberg, Germany, FUXTEC offers well-engineered products that meet the highest quality standards and are optimally adapted to customer needs. Our products are distinguished not only by exceptional durability and functionality but also by uncompromising workmanship.

Online Resources: For additional support and resources, visit the FUXTEC website: amazon.de/fuxtec

