

Makita EB7650TH

Makita EB7650TH 75.6 cc MM4 Backpack Blower

Instruction Manual

INTRODUCTION

This manual provides essential information for the safe and effective operation, maintenance, and troubleshooting of your Makita EB7650TH 75.6 cc MM4 Backpack Blower. Designed for commercial-duty performance, this 4-stroke engine blower offers powerful air volume and speed without the need for fuel mixing. Please read this manual thoroughly before using the product.

SAFETY INFORMATION

WARNING: Read all safety warnings and instructions. Failure to follow the warnings and instructions may result in electric shock, fire, and/or serious injury.

- **Personal Protective Equipment:** Always wear appropriate personal protective equipment, including eye protection (safety glasses or goggles), hearing protection (earplugs or earmuffs), and sturdy footwear. Long pants and sleeves are recommended.
- **Fuel Handling:** Handle gasoline with extreme care. It is highly flammable. Refuel outdoors in a well-ventilated area, away from sparks, open flames, or other ignition sources. Do not smoke while refueling.
- **Ventilation:** Operate the blower in well-ventilated areas. Engine exhaust contains carbon monoxide, which is a colorless, odorless, and deadly gas.
- **Clear Work Area:** Keep bystanders, children, and pets at a safe distance (at least 50 feet/15 meters) from the operating area. Inspect the area for objects that could be thrown or become entangled in the blower.
- **Secure Operation:** Ensure all components are properly assembled and secured before starting the engine. Never operate the blower with loose or damaged parts.
- **Avoid Contact:** Keep hands, feet, and clothing away from moving parts.

- **Emergency Stop:** Familiarize yourself with the location and operation of the engine stop switch for quick shutdown in emergencies.

PACKAGE CONTENTS

Your Makita EB7650TH Backpack Blower package typically includes:

- Makita EB7650TH Backpack Blower Unit
- Blower Pipe Assembly
- Owner's Manual

Note: Engine oil is sold separately and must be purchased before first use.

SETUP

1. Attaching the Blower Pipe

Connect the flexible hose from the blower unit to the main blower pipe. Ensure a secure connection to prevent air leakage and maintain optimal performance. The tool-less handle adjustment allows for quick positioning of the handle to your desired length for comfortable operation.



Image: Illustration of connecting the blower pipe to the main unit, highlighting the efficient and easy connection mechanism.

2. Adding Engine Oil

The Makita EB7650TH features a 4-stroke engine, which requires separate engine oil. Before first use, fill the engine with the recommended 4-stroke engine oil (e.g., Makita MM4 oil). Refer to the oil cap or engine specifications for the correct oil type and capacity. Do not overfill.



Image: A bottle of Makita MM4 engine oil, indicating the type of oil required for the 4-stroke engine.

3. Fueling the Blower

Use fresh, clean unleaded gasoline. This 4-stroke engine does not require fuel mixing with oil. Fill the fuel tank carefully, avoiding spills. Ensure the fuel cap is securely tightened after fueling.

4. Adjusting Shoulder Straps and Harness

The backpack blower is equipped with thick padded shoulder straps and a ventilated back panel for operator comfort. Adjust the straps to ensure the unit sits comfortably and securely on your back, distributing the weight evenly. Multiple adjustments are available for an improved fit.



Image: A person adjusting the padded shoulder straps of the backpack blower to achieve a comfortable and secure fit.

OPERATING INSTRUCTIONS

1. Starting the Engine

1. Place the blower on a flat, stable surface.
2. Press the primer bulb several times until fuel is visible in the bulb.
3. Move the choke lever to the "START" or "CLOSED" position.
4. Pull the starter cord firmly and smoothly until the engine starts. The mechanical automatic engine decompression assists in easier starts.
5. Once the engine starts, gradually move the choke lever to the "RUN" or "OPEN" position as the engine warms up.



Image: A detailed view of the Makita EB7650TH engine, showing the primer bulb, starter cord, and choke lever for starting the unit.

2. Using the Blower

Once the engine is running smoothly, put on the backpack blower. Adjust the throttle to control the airflow. Direct the blower nozzle towards the debris you wish to clear. The powerful 75.6 cc MM4 engine delivers high air volume and speed for efficient clearing.



Image: A person wearing the Makita EB7650TH backpack blower, actively clearing leaves and debris from a paved area.

3. Stopping the Engine

To stop the engine, release the throttle and move the engine stop switch to the "OFF" position.

MAINTENANCE

Regular maintenance ensures the longevity and optimal performance of your blower.

1. Air Filter Maintenance

Regularly inspect and clean the air filter. A clogged air filter can reduce engine performance and increase fuel consumption. The large capacity air filter is replaceable and easily accessible. When reinstalling the air filter cover, ensure that the fuel lines are routed correctly and not pinched, as this can lead to engine power loss.

2. Spark Plug Inspection

Periodically check the spark plug for wear, carbon buildup, or incorrect gap. Replace if necessary with the recommended spark plug type.

3. Fuel Filter Inspection

Inspect the fuel filter for debris or clogging. Replace if necessary to ensure a clean fuel supply to the engine.

4. General Cleaning and Storage

Keep the exterior of the blower clean and free of debris. Before storing, especially for extended periods, drain the fuel tank or use a fuel stabilizer. Store the blower in a dry, well-ventilated area, away from direct sunlight and extreme temperatures.

TROUBLESHOOTING

Problem	Possible Cause	Solution
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Problem	Possible Cause	Solution
Engine does not start	No fuel, incorrect choke position, fouled spark plug, no engine oil.	Check fuel level, adjust choke, inspect/replace spark plug, ensure engine oil is present.
Engine starts but loses power or bogs down	Clogged air filter, pinched fuel lines, carburetor issue, old/stale fuel.	Clean/replace air filter, check fuel line routing, use fresh fuel. For persistent carburetor issues, professional service may be required.
Reduced blowing force	Obstruction in blower pipe, engine running at low RPM, air filter clogged.	Clear any obstructions, increase throttle, clean air filter.

SPECIFICATIONS

- **Brand:** Makita
- **Model Number:** EB7650TH
- **Power Source:** Gas Powered
- **Engine Displacement:** 75.6 cc (3.8 HP) MM4 Commercial Duty Engine
- **Form Factor:** Backpack
- **Item Weight:** 23.8 Pounds
- **Maximum Air Speed:** 200 Miles per Hour
- **Air Volume:** 670 CFM (Cubic Feet per Minute)
- **Noise Level:** 100 Decibels
- **Special Feature:** Mulcher (Note: While listed as a feature, primary function is blowing)

OFFICIAL PRODUCT VIDEO

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Video: This official Makita video demonstrates the features and operation of the EB7650TH MM4 Backpack Blower, including its powerful 4-stroke engine, easy starting, and comfortable design for commercial use.

WARRANTY AND SUPPORT

Makita products are manufactured under strict quality control standards. For warranty information, service, or technical support, please refer to the warranty card included with your product or visit the official Makita website. You can also contact Makita customer service directly for assistance with your EB7650TH Backpack Blower.