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› [Makita](#) /

› [Makita UB401MP Blower Couple Shaft Attachment Instruction Manual](#)

Makita UB401MP

Makita UB401MP Blower Couple Shaft Attachment Instruction Manual

Model: UB401MP

1. IMPORTANT SAFETY INFORMATION

Always read and understand all safety warnings, instructions, illustrations, and specifications provided with this power tool attachment. Failure to follow all instructions listed below may result in electric shock, fire, and/or serious injury.

- **Read the Power Head Manual:** This attachment is designed for use with specific Makita Couple Shaft Power Heads (e.g., XUX01, XUX02). Always refer to the instruction manual of your power head for complete safety warnings and operating instructions.
- **Personal Protective Equipment (PPE):** Always wear appropriate eye protection, hearing protection, and sturdy footwear when operating the blower attachment.
- **Secure Attachment:** Ensure the blower attachment is securely fastened to the power head before operation. A loose attachment can be hazardous.
- **Clear Work Area:** Keep the work area clear of bystanders, children, and pets. Be aware of flying debris.
- **Inspect Before Use:** Before each use, inspect the attachment for any damage, loose parts, or obstructions. Do not operate if damaged.

2. PRODUCT OVERVIEW

The Makita UB401MP Blower Couple Shaft Attachment is designed to provide efficient blowing force for various clean-up tasks when paired with compatible Makita Couple Shaft Power Heads.

Key Features:

- **Axial Fan:** Provides high blowing force for quick clean-ups.
- **Steel Drive Shaft:** Engineered for reduced vibration and enhanced durability.
- **Quick Attachment:** Designed for easy and tool-less installation and removal from compatible power heads.
- **Variable Performance:** Air volume ranges from 342-579 CFM and air velocity ranges from 72-146 MPH, depending on the selected Makita Couple Shaft Power Head.



Figure 1: Diagram illustrating the key components of the Makita UB401MP Blower Couple Shaft Attachment, including the pin for quick attachment changes, high power brushless motor, steel drive shaft, and axial fan. Maximum air volume is 579 CFM and maximum air velocity is 146 MPH.

3. SETUP AND INSTALLATION

Attaching the Blower to the Power Head:

1. Ensure the power head is turned off and the battery is removed to prevent accidental startup.
2. Align the drive shaft of the UB401MP blower attachment with the coupling on the power head.
3. Push the attachment firmly into the coupling until the quick-attach pin engages and locks into place.
4. Secure the connection using the lever-style lock system on the power head. Ensure it is fully tightened to prevent movement during operation.
5. **Important Note:** Some users have reported that the shaft of the blower attachment can be a tight fit with the power head's clamp. Apply firm, steady pressure during assembly. Avoid excessive force that could damage the power head's attachment point. If the fit is consistently too tight, consult your Makita service center.



Figure 2: A close-up view demonstrating the process of attaching the blower shaft to the power head, highlighting the alignment of the pin and coupling.



Lever style lock system allows for quick tool-less installation and replacement of attachments

Figure 3: A detailed view of the lever-style lock system, which allows for quick, tool-less installation and replacement of attachments.

Removing the Blower:

1. Ensure the power head is turned off and the battery is removed.
2. Release the lever-style lock system.
3. Press the quick-attach pin and pull the blower attachment away from the power head.

4. OPERATING INSTRUCTIONS

General Operation:

1. With the blower attachment securely installed and the battery inserted into the power head, hold the power head firmly with both hands.
2. Point the blower nozzle towards the area to be cleared.
3. Engage the power head's trigger or switch to start the blower. Adjust the speed or power setting as needed for the task.
4. Sweep the blower nozzle from side to side to move leaves, grass clippings, and other light debris.

5. For stubborn debris, use a more direct and concentrated airflow.
6. Always maintain a safe distance from objects and people.



Figure 4: A user demonstrating the operation of the Makita power head with the UB401MP blower attachment, clearing debris from a paved surface.

5. MAINTENANCE

Regular maintenance ensures optimal performance and extends the lifespan of your Makita UB401MP Blower Couple Shaft Attachment.

- **Cleaning:** After each use, clean the exterior of the blower attachment with a soft, damp cloth. Remove any debris from the air intake and nozzle. Do not use harsh chemicals or abrasive cleaners.
- **Inspection:** Periodically inspect the drive shaft for any signs of wear, bending, or damage. Check the coupling mechanism for proper function and ensure it locks securely.
- **Storage:** Store the attachment in a dry, secure location away from direct sunlight and extreme temperatures.
- **Battery Care:** Refer to your Makita LXT battery and charger manuals for proper charging, storage, and maintenance procedures.

6. TROUBLESHOOTING

If you encounter issues with your Makita UB401MP Blower Couple Shaft Attachment, refer to the following common troubleshooting steps:

- **Attachment Not Fitting Securely:** Ensure the quick-attach pin is fully engaged and the lever-style lock is tightened. If the shaft feels too large for the coupling, inspect both parts for debris or damage. Do not force the attachment.
- **Reduced Blowing Force:** Check the blower nozzle and air intake for any obstructions. Ensure the battery is fully charged and properly inserted into the power head. Refer to your power head manual for power-related troubleshooting.
- **Excessive Vibration:** Inspect the drive shaft for damage or bending. Ensure the attachment is securely fastened. If the issue persists, discontinue use and contact Makita service.

For more detailed troubleshooting or issues related to the power head itself, please consult the power head's instruction manual or contact Makita customer support.

7. SPECIFICATIONS

Feature	Specification
Brand	Makita
Model Number	UB401MP
Item Weight	4.6 Pounds
Product Dimensions	8.25 x 35.5 x 9 inches
Material	Alloy Steel
Air Volume Range	342-579 CFM (varies based on power head)
Air Velocity Range	72-146 MPH (varies based on power head)

8. COMPATIBLE ATTACHMENTS

The Makita Couple Shaft System offers a variety of attachments for diverse landscaping needs. The UB401MP Blower is part of this versatile system.

COMPATIBLE ATTACHMENTS INCLUDE:

- 1. BR400MP** - Power Brush
- 2. KR401MP** - Cultivator
- 3. EE400MP** - Edger
- 4. EM405MP** - 16 1/2" Straight Shaft Line Trimmer (Sm Guard)
- 5. EM409MP** - 13" Straight Shaft Line Trimmer (Sm Guard)
- 6. EM400MP** - 16 1/2" Straight Shaft Line Trimmer (Lg Guard)
- 7. EM401MP** - Line Trimmer Straight Shaft (Lg Guard) w/ Brush Cutter Parts
- 8. SW400MP** - Power Sweeper
- 9. UB401MP** - Blower
- 10. EY402MP** - Pole Chain Saw
- 11. LE400MP** - Extension Attachment
- 12. EN410MP** - Straight Hedge Trimmer
- 13. EN420MP** - Ground and Hedge Trimmer
- 14. EN401MP** - Angle Hedge Trimmer

Figure 5: An image listing various compatible attachments for the Makita Couple Shaft System, including the UB401MP Blower, Power Brush, Cultivator, Edger, Line Trimmers, Power Sweeper, Pole Chain Saw, Extension Attachment, and Hedge Trimmers.

9. WARRANTY AND SUPPORT

Makita products are manufactured under strict quality control standards. For information regarding warranty coverage, service, or replacement parts, please refer to the warranty card included with your product or visit the official Makita website. You may also contact Makita customer service for assistance.

Makita Customer Service: [Contact Us](#)