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KitchenAid KSM97

KitchenAid Deluxe 4.5 Quart Tilt-Head Stand Mixer KSM97

User Instruction Manual

Important Safety Instructions

When using electrical appliances, basic safety precautions should always be followed, including the following:

- Read all instructions.
- To protect against risk of electrical shock, do not immerse the mixer base in water or other liquid.
- Close supervision is necessary when any appliance is used by or near children.
- Unplug from outlet when not in use, before putting on or taking off parts, and before cleaning.
- Avoid contact with moving parts. Keep hands, hair, and clothing, as well as spatulas and other utensils, away from beater during operation to reduce the risk of injury to persons and/or damage to the mixer.
- Do not operate any appliance with a damaged cord or plug or after the appliance malfunctions, or is dropped or damaged in any manner. Return appliance to the nearest authorized service facility for examination, repair, or electrical or mechanical adjustment.
- The use of attachments not recommended or sold by KitchenAid may cause fire, electric shock, or injury.
- Do not use outdoors.
- Do not let cord hang over edge of table or counter.
- Do not let cord contact hot surfaces, including the stove.
- Remove flat beater, wire whip, or dough hook from mixer before washing.

SAVE THESE INSTRUCTIONS

What's in the Box

Your KitchenAid Deluxe 4.5 Quart Tilt-Head Stand Mixer comes with the following standard accessories:

- **4.5 Quart Stainless Steel Bowl with Handle:** Ideal for mixing small to large batches.
- **Silver Coated Flat Beater:** For normal to heavy mixtures such as cakes, cookies, creamed frostings, quick breads, and mashed potatoes.
- **Silver Coated S-Dough Hook:** For mixing and kneading yeast doughs such as breads, coffee cakes, and pizza dough.

- **6-Wire Metal Whip:** For incorporating air into ingredients such as eggs, egg whites, whipping cream, and some frostings.



Image: The KitchenAid stand mixer displayed with its included accessories: the flat beater, dough hook, and wire whip, alongside the stainless steel mixing bowl.

Setup and Assembly

1. **Placement:** Place the stand mixer on a dry, flat, and stable surface. Ensure there is enough clearance around the mixer for operation and ventilation.
2. **Tilting the Head:** To tilt the motor head back, push the tilt-head lock lever to the unlock position and lift the motor head. To lower the motor head, push the tilt-head lock lever to the unlock position and gently lower the head until it clicks into place.
3. **Attaching the Bowl:** Place the stainless steel mixing bowl onto the clamping plate. Turn the bowl clockwise until it locks firmly into place.
4. **Attaching an Accessory:** With the motor head tilted back, slide the accessory (flat beater, wire whip, or dough hook) onto the beater shaft. Rotate the accessory until the pin on the shaft locks into the accessory.
5. **Lowering the Head:** Lower the motor head and ensure it is locked into place before operating.

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Video: An overview demonstrating the key features and operation of the KitchenAid Deluxe 4.5 Quart Tilt-Head Stand Mixer, including its tilt-head design, attachment capabilities, and mixing functions.

Operating Instructions

Your KitchenAid Stand Mixer is designed for efficient and thorough mixing. Always ensure the mixer is unplugged before attaching or removing accessories.

1. **Adding Ingredients:** With the motor head lowered and locked, you can add ingredients directly into the bowl. For easier access, you can tilt the head back to add larger quantities or scrape down the sides of the bowl.
2. **Speed Control:** The mixer features 10 speeds. To select a speed, move the speed control lever to the desired setting. Always start at a lower speed and gradually increase to avoid splashing ingredients.
    - **Stir (Speed 1):** For slow stirring, combining, and adding dry ingredients.
    - **Mix (Speeds 2-4):** For mixing batters, mashing potatoes, or creaming butter and sugar.
    - **Beat (Speeds 6-8):** For beating, creaming, and whipping.
    - **Whip (Speed 10):** For fast whipping of small amounts of cream or egg whites.
3. **Capacity Guidelines:** The 4.5-quart bowl can handle various tasks, such as mixing dough for up to 8 dozen cookies (using the flat beater). Do not overload the mixer; refer to recipe guidelines for best results.
4. **Stopping the Mixer:** To stop the mixer, move the speed control lever to the "OFF/0" position. Unplug the mixer when finished.



Image: The KitchenAid stand mixer in use on a kitchen counter, surrounded by ingredients and baked goods, illustrating its role in food preparation.



Image: The KitchenAid stand mixer demonstrating its versatility with an optional spiralizer attachment, actively creating zucchini noodles into a bowl.

Maintenance and Cleaning

Proper care will ensure the longevity and performance of your KitchenAid Stand Mixer.

- **Mixing Bowl and Accessories:** The 4.5-quart stainless steel bowl, silver coated flat beater, silver coated S-dough hook, and 6-wire metal whip are all dishwasher-safe. For best results, place them on the top rack of your dishwasher.
- **Mixer Base:** Before cleaning, always unplug the mixer. Wipe the mixer base with a soft, damp cloth. Do not use abrasive cleaners or scourers, and never immerse the mixer base in water or other liquids.
- **Power Cord:** Inspect the power cord regularly for any signs of damage. If damaged, discontinue use and contact customer service.

Troubleshooting

If your mixer is not operating as expected, please consult the following common issues:

- **Mixer Does Not Start:**
  - Ensure the mixer is properly plugged into a working electrical outlet.
  - Check that the speed control lever is not in the "OFF/0" position.
  - Verify that the motor head is fully lowered and locked into place.
- **Motor Head Not Locking:**
  - Ensure the tilt-head lock lever is fully engaged in the locked position after lowering the head.
- **Attachments Not Reaching Bottom of Bowl:**

- This model is factory-set for optimal beater-to-bowl clearance. If you notice issues, ensure the accessory is fully attached to the beater shaft. If problems persist, contact KitchenAid customer service.

- **Mixer Overheats During Use:**
  - It is normal for the motor head to become warm during heavy use. If the mixer stops, it may have overheated. Turn it off, unplug it, and let it cool for 20-30 minutes before resuming use. Reduce batch size if this occurs frequently.

For issues not listed here, please contact KitchenAid Customer Service.

Specifications



Image: A visual representation of the KitchenAid stand mixer with its key dimensions labeled: 13.9 inches in height, 11.25 inches in depth,

and 8.7 inches in width.

Brand	KitchenAid
Model Number	KSM97SL
Capacity	4.5 Quarts
Product Dimensions (D x W x H)	11.25" x 8.7" x 13.9"
Item Weight	22 pounds
Wattage	300 watts
Number of Speeds	10
Material	Stainless Steel
Included Components	(1) 4.5 Quart Stainless Steel Bowl with Handle, (1) Silver Coated Flat Beater, (1) Silver Coated S-Dough Hook, (1) 6-Wire Metal Whip

Warranty and Support

Your KitchenAid Deluxe 4.5 Quart Tilt-Head Stand Mixer is covered by a**1 Year Full Warranty** from the date of purchase. This warranty covers defects in material or workmanship under normal household use.
For warranty service, technical support, or to purchase additional attachments and accessories, please visit the official KitchenAid website or contact their customer service department. Keep your proof of purchase for warranty claims.
KitchenAid Official Website: www.kitchenaid.com

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