

5K45  
5KSM45 - 5KSM180



**KitchenAid**

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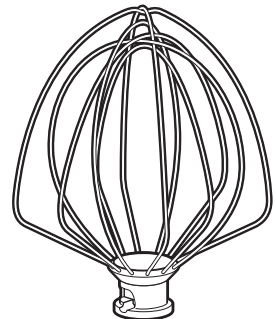
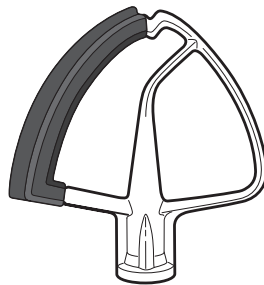
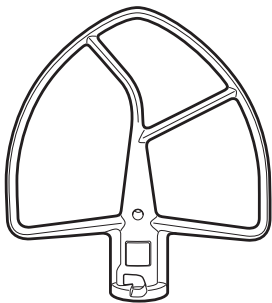
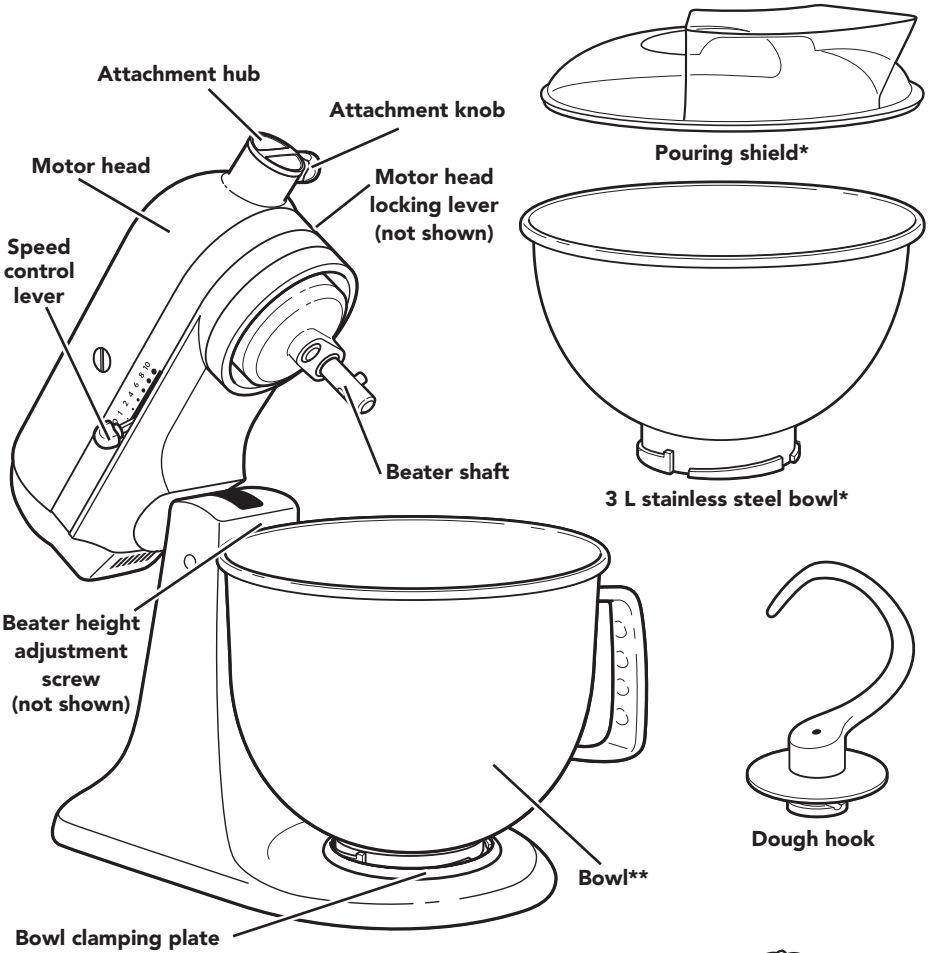
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# PARTS AND FEATURES

## PARTS AND ACCESSORIES



\*Included with select models only. Also available as optional accessory.

# STAND MIXER SAFETY

## Your safety and the safety of others are very important.

We have provided many important safety messages in this manual and on your appliance. Always read and obey all safety messages.



This is the safety alert symbol.

This symbol alerts you to potential hazards that can kill or hurt you and others.

All safety messages will follow the safety alert symbol and either the word "DANGER" or "WARNING." These words mean:

 **DANGER**

**You can be killed or seriously injured if you don't immediately follow instructions.**

 **WARNING**

**You can be killed or seriously injured if you don't follow instructions.**

All safety messages will tell you what the potential hazard is, tell you how to reduce the chance of injury, and tell you what can happen if the instructions are not followed.

## IMPORTANT SAFEGUARDS

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

1. Read all instructions. Misuse of appliance may result in personal injury.
2. To protect against risk of electrical shock, do not put Stand Mixer in water or other liquid.
3. This appliance is not intended for use by persons (including children) with reduced physical, sensory, or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety.
4. Unplug Stand Mixer from outlet when not in use, before putting on or taking off parts and before cleaning.
5. Avoid contacting moving parts. Keep hands, hair, 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 Stand Mixer.

## STAND MIXER SAFETY

6. Do not operate Stand Mixer with a damaged cord or plug or after the Stand Mixer malfunctions, or is dropped, or damaged in any manner.
7. The use of attachments not recommended or sold by KitchenAid may cause fire, electrical shock or injury.
8. Do not use the Stand Mixer outdoors.
9. Do not let the cord hang over edge of table or counter.
10. Remove flat beater, wire whip, or dough hook from Stand Mixer before washing.
11. Children should be supervised to ensure that they do not play with the appliance.
12. If the supply cord is damaged, it must be replaced by the manufacturer, its service agent, or similarly qualified persons in order to avoid a hazard.
13. Never leave the appliance unattended while it is in operation.
14. To avoid product damage, do not use the Stand Mixer bowls in areas of high heat such as an oven, microwave, or on a stovetop.
15. Refer to the “Care and Cleaning” section for instructions on cleaning the surfaces in contact with food.
16. This appliance is intended to be used in household and similar applications such as:
  - staff kitchen areas in shops, offices, or other working environments;
  - farmhouses;
  - by clients in hotels, motels and other residential type environments;
  - bed and breakfast type environments.

## SAVE THESE INSTRUCTIONS

# STAND MIXER SAFETY

## ELECTRICAL REQUIREMENTS

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### **! WARNING**



#### **Electrical Shock Hazard**

**Plug into an earthed outlet.**

**Do not remove earth prong.**

**Do not use an adapter.**

**Do not use an extension cord.**

**Failure to follow these instructions can result in death, fire, or electrical shock.**

#### **Wattage:**

300 Watts MAX for  
5KSM125 - 5KSM180 Series  
275 Watts MAX for 5K45, 5KSM45,  
5KSM95 Series

**Voltage:** 220-240 V

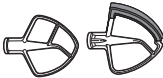
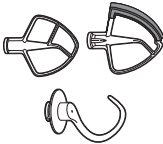




**Hertz:** 50-60 Hz

**NOTE:** If the plug does not fit in the outlet, contact a qualified electrician. Do not modify the plug in any way. Do not use an adapter.

Do not use an extension cord. If the power supply cord is too short, have a qualified electrician or serviceman install an outlet near the appliance.

# USING THE STAND MIXER

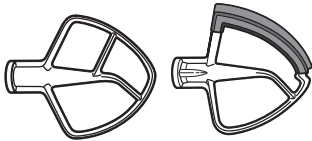

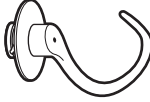
## SPEED CONTROL GUIDE

SPEED	ACTION	ATTACHMENT	DESCRIPTION
1	STIR		For slow stirring, combining, mashing, starting all mixing procedures. Use to add flour and dry ingredients to batter and to add liquids to dry ingredients. Do not use Speed 1 to mix or knead yeast doughs.
2	SLOW MIXING		For slow mixing, mashing, faster stirring. Use to mix and knead yeast doughs, heavy batters and candies, start mashing potatoes or other vegetables, cut shortening into flour, mix thin or splashy batters.
4	MIXING, BEATING		For mixing semi-heavy batters, such as cookies. Use to combine sugar and shortening and to add sugar to egg whites for meringues. Medium speed for cake mixes.
6	BEATING, CREAMING		For medium fast beating (creaming) or whipping. Use to finish mixing cake, doughnut, and other batters. High speed for cake mixes.
8	FAST BEATING, WHIPPING		For whipping cream, egg whites, and boiled frostings.
10	FAST WHIPPING		For whipping small amounts of cream, egg whites, or for final whipping of mashed potatoes.

**NOTE:** The speed control lever can be set between the speeds listed in the above chart to obtain speeds 3, 5, 7, and 9 if a finer adjustment is required. Do not exceed Speed 2 when preparing yeast doughs as this may cause damage to the Stand Mixer.

# USING THE STAND MIXER

## ACCESSORY GUIDE

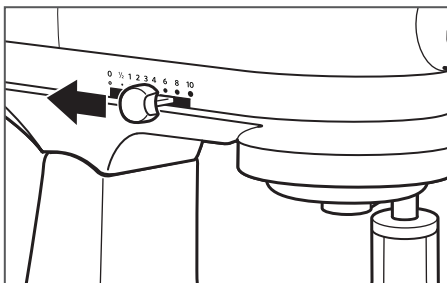
ACCESSORY		USES
Flat beater and Flex Edge beater* for normal to heavy mixtures:		Cakes, creamed frostings, candies, cookies, pie pastry, biscuits, meat loaf, mashed potatoes
Wire whip for mixtures that need air incorporated:		Eggs, egg whites, heavy cream, boiled frostings, sponge cakes, mayonnaise, some candies
Dough hook for mixing and kneading yeast doughs:		Breads, rolls, pizza dough, buns

\*Included with select models only. Also available as optional accessory.

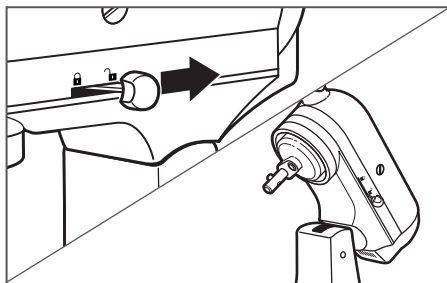


# USING THE STAND MIXER

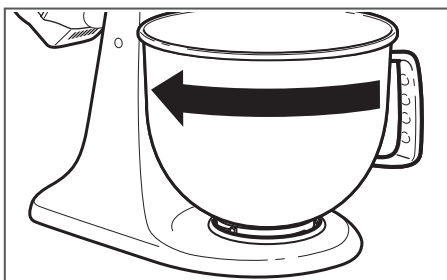
## ATTACHING/REMOVING THE BOWL



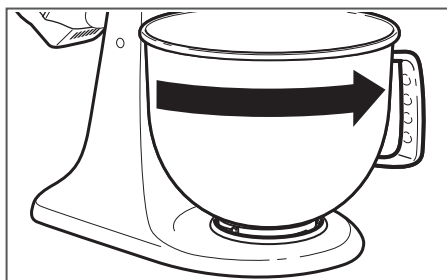
- 1** To attach bowl: Turn speed control to "0." Unplug Stand Mixer.



- 2** Hold the locking lever in the UNLOCK position and tilt motor head back.

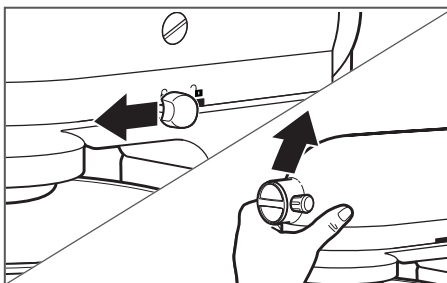


- 3** Place bowl on bowl clamping plate. Turn bowl gently in clockwise direction.

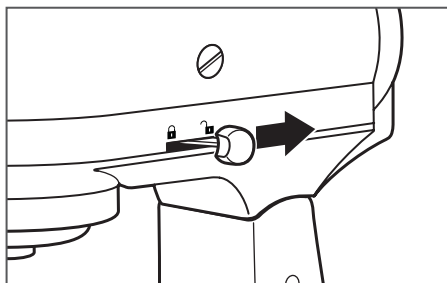


- 4** To remove bowl: Repeat steps 1 and 2. Turn bowl gently counterclockwise.

## LIFTING/LOWERING THE MOTOR HEAD



- 1** To lift motor head: Push the locking lever to the UNLOCK position and lift the head. Once lifted, the lever will automatically go back in LOCK position to keep the head lifted.



- 2** To put down motor head: Push the locking lever to UNLOCK and gently bring the head down. The locking lever will automatically go back in LOCK position when the head is down. Before mixing, test lock by attempting to raise motor head.

# USING THE STAND MIXER

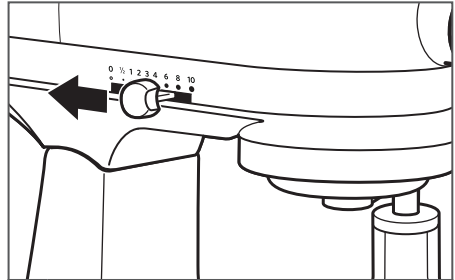
ATTACHING/REMOVING THE FLAT BEATER, FLEX EDGE BEATER\*, WIRE WHIP, OR DOUGH HOOK

## **⚠ WARNING**

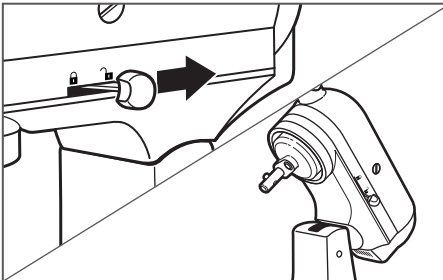
### **Injury Hazard**

**Unplug mixer before touching beaters.**

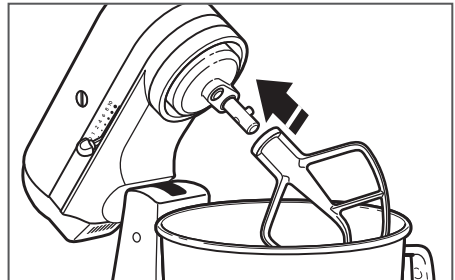
**Failure to do so can result in broken bones, cuts, or bruises.**



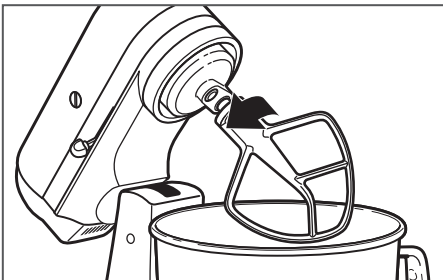
- 1 To attach accessory:** Turn speed control to "0". Unplug Stand Mixer.



- 2** Hold the locking lever in the UNLOCK position and tilt motor head back.



- 3** Slip accessory onto beater shaft and press upward as far as possible. Then, turn accessory to the right, hooking accessory over the pin on the shaft.

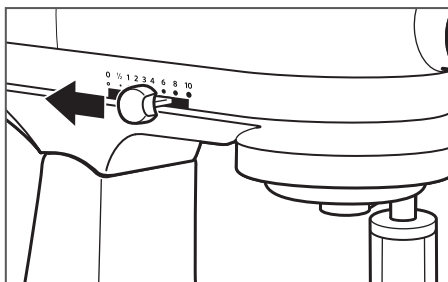


- 4 To remove accessory:** Repeat steps 1 and 2. Press accessory upward as far as possible and turn to the left. Then pull accessory from the beater shaft.

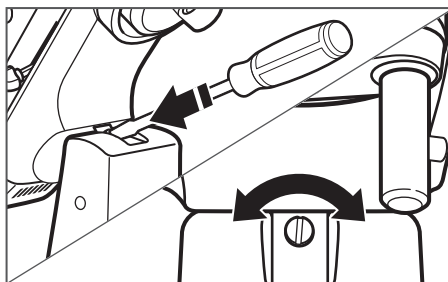
# USING THE STAND MIXER

## BEATER TO BOWL CLEARANCE

Your Stand Mixer is adjusted at the factory so the flat beater just clears the bottom of the bowl. If, for any reason, the flat beater hits the bottom of the bowl or is too far away from the bowl, you can correct clearance easily.



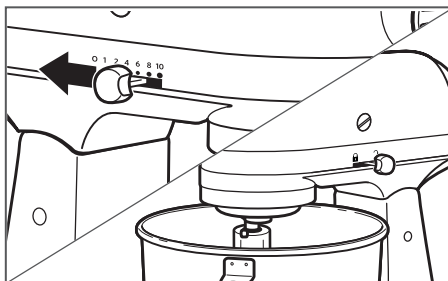
- 1 Turn speed control to "0". Unplug Stand Mixer.



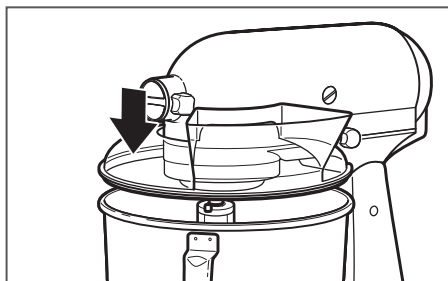
- 2 Lift motor head. Turn screw slightly counterclockwise (left) to raise flat beater or clockwise (right) to lower flat beater. Make adjustment with flat beater, so it just clears surface of bowl. If you overadjust the screw, the bowl lock lever may not lock into place.

**NOTE:** When properly adjusted, the flat beater will not strike on the bottom or side of the bowl. If the flat beater or the wire whip is so close that it strikes the bottom of the bowl, coating may wear off the beater or wires on whip may wear.

## PLACING/REMOVING THE POURING SHIELD\*



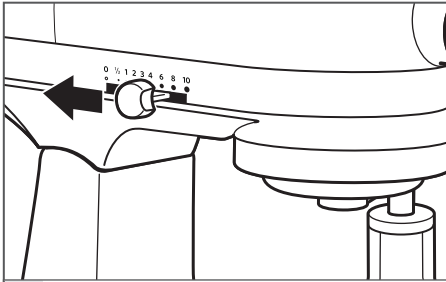
- 1 **To place pouring shield:** Turn speed control to "0". Unplug Stand Mixer. Attach your chosen accessory. See the "Attaching/removing the flat beater, wire whip, or dough hook" section.



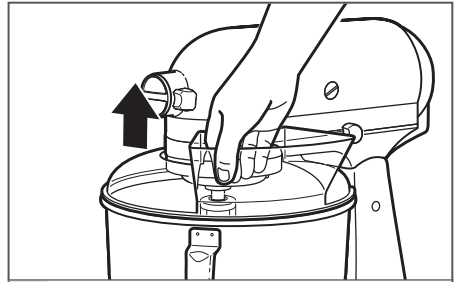
- 2 From the front of the Stand Mixer, slide the pouring shield over the bowl until the shield is centred. The bottom rim of the shield should fit within the bowl.

\*Included with select models only. Also available as an optional accessory.

# USING THE STAND MIXER



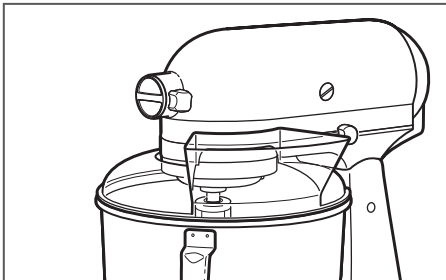
- 3** **To remove pouring shield:**  
Turn speed control to "0".  
Unplug Stand Mixer.



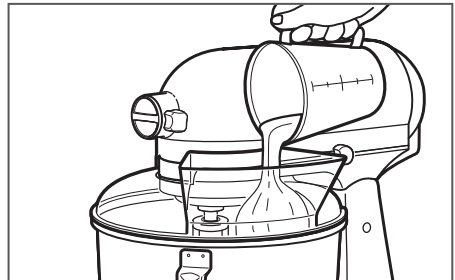
- 4** Lift the front of the pouring shield clear of the bowl rim and pull forward. Remove attachment and bowl.

## USING THE POURING SHIELD\*

Use the pouring shield to avoid having ingredients splashing out of the bowl when mixing, as well as to easily pour ingredients in the bowl while mixing.



- 1** For best results, rotate the shield so the motor head covers the U-shaped gap in the shield. The pouring chute will be just to the right of the attachment hub as you face the Stand Mixer.

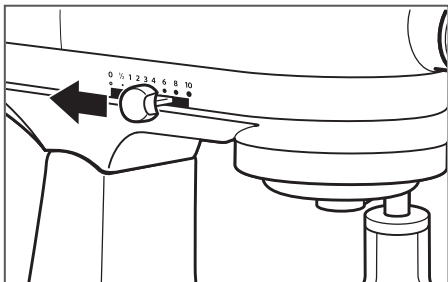


- 2** Pour the ingredients into the bowl through the pouring chute.

# USING THE STAND MIXER

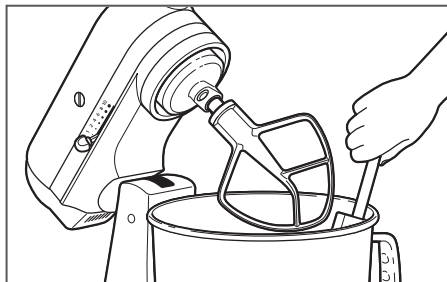
## OPERATING THE SPEED CONTROL

**NOTE:** The Stand Mixer may warm up during use. Under heavy loads with extended mixing time, the top of the unit may become hot. This is normal.



1

Plug Stand Mixer into proper electrical outlet. Always set speed control lever on lowest speed to start, then gradually increase speed to avoid splashing ingredients. See "Speed control guide" chart.

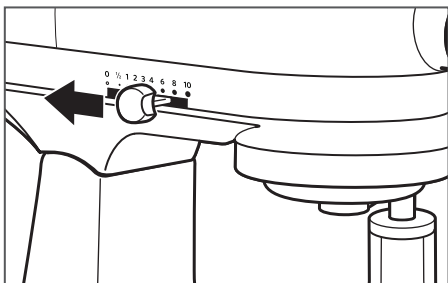


2

Do not scrape bowl while Stand Mixer is operating. The bowl and beater are designed to provide thorough mixing without frequent scraping. Scraping the bowl once or twice during mixing is usually sufficient.

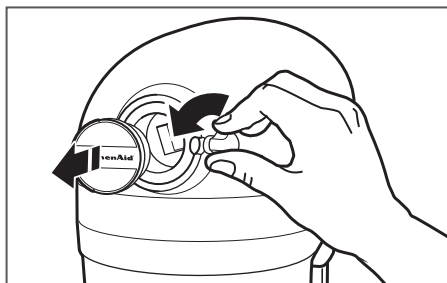
## OPTIONAL ATTACHMENTS

KitchenAid offers a wide range of optional attachments such as food grinders or pasta makers. They may be attached to the Stand Mixer attachment power shaft, as shown here.



1

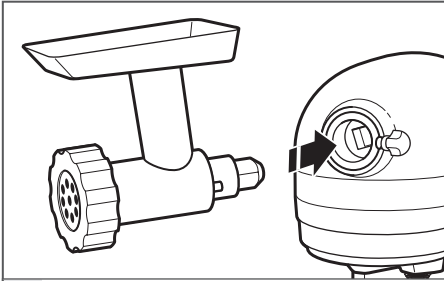
**To attach:** Turn speed control to "0". Unplug Stand Mixer.



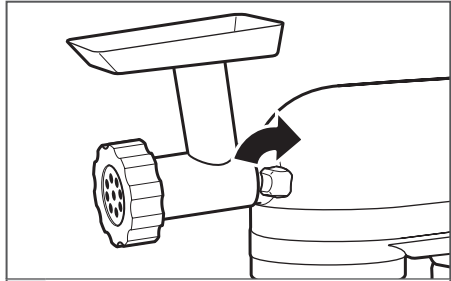
2

Loosen attachment knob by turning it counterclockwise. Remove attachment hub cover.

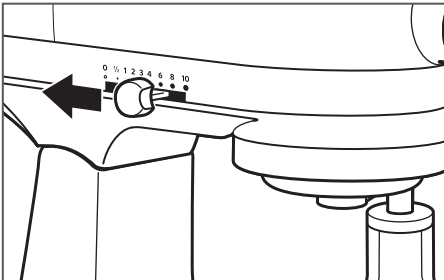
# USING THE STAND MIXER



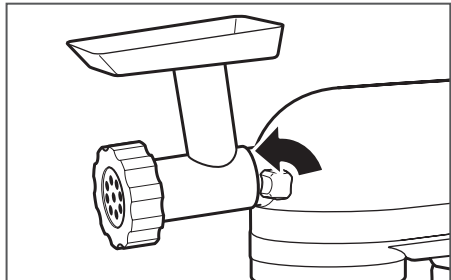
**3** Insert attachment shaft housing into attachment hub, making certain that attachment power shaft fits into square attachment hub socket. It may be necessary to rotate attachment back and forth. When attachment is in proper position, the pin on the attachment will fit into the notch on the hub rim.



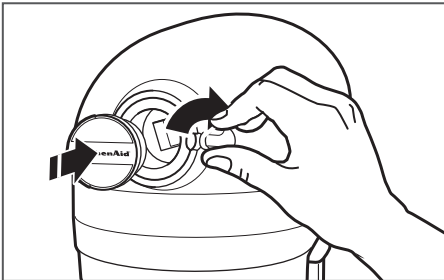
**4** Tighten attachment knob by turning clockwise until attachment is completely secured to Stand Mixer. Plug into proper electrical outlet.



**5** To remove: Turn speed control to "0". Unplug Stand Mixer.



**6** Loosen attachment knob by turning it counterclockwise. Rotate attachment slightly back and forth while pulling out.



**7** Replace attachment hub cover. Tighten attachment knob by turning it clockwise.

**NOTE:** See the Use and Care Guide of each specific attachment for recommended

# TIPS FOR GREAT RESULTS

## EGG WHITES

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Place room temperature egg whites in clean, dry bowl. Attach bowl and wire whip. To avoid splashing, gradually turn to designated speed and whip to desired stage.

AMOUNT	SPEED
1 egg white	GRADUALLY to 10
2 or more egg whites	GRADUALLY to 8

### Whipping stages

With your KitchenAid Stand Mixer, egg whites whip quickly. Avoid over whipping.

## WHIPPED CREAM

---

Pour cold whipping cream into chilled bowl. Attach bowl and wire whip. To avoid splashing, gradually turn to designated speed and whip to desired stage.

AMOUNT	SPEED
less than 200 ml (3/4 cup)	GRADUALLY to 10
more than 200 ml (3/4 cup)	GRADUALLY to 8

### Whipping stages

Watch cream closely during whipping. Because your KitchenAid Stand Mixer whips so quickly, there are just a few seconds between whipping stages.

## MIXING TIPS

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### Mixing time

Your KitchenAid Stand Mixer will mix faster and more thoroughly than most other electric mixers. Therefore, the mixing time in most recipes must be adjusted to avoid over beating.

To help determine the ideal mixing time, observe the batter or dough and mix only until it has the desired appearance described in your recipe, such as "smooth and creamy." To select the best mixing speeds, use the "Speed control guide" section.

### Adding ingredients

The standard procedure to follow when mixing most batters, especially cake and cookie batters, is to add:

- 1/3 dry ingredients
- 1/2 liquid ingredients
- 1/3 dry ingredients
- 1/2 liquid ingredients
- 1/3 dry ingredients

Use Speed 1 until ingredients have been blended. Then gradually increase to desired speed.

Always add ingredients as close to side of bowl as possible, not directly into moving beater. The pouring shield can be used to simplify adding ingredients.

**NOTE:** If ingredients in very bottom of bowl are not thoroughly mixed, the beater is not far enough into the bowl. See the "Beater to bowl clearance" section.

### Cake mixes

When preparing packaged cake mixes, use Speed 4 for medium speed and Speed 6 for high speed. For best results, mix for the time stated on the package directions.

### Adding nuts, raisins, or candied fruits

Solid materials should be folded in the last few seconds of mixing on Speed 1. The batter should be thick enough to keep the fruit or nuts from sinking to the bottom of the pan during baking. Sticky fruits should be dusted with flour for better distribution

# TIPS FOR GREAT RESULTS

## Liquid mixtures

Mixtures containing large amounts of liquid ingredients should be mixed at lower speeds to avoid splashing. Increase speed only after mixture has thickened.

## Kneading yeast doughs

Always use the dough hook to mix and knead yeast doughs. Use Speed 2 to mix or knead yeast doughs. Use of any other speed creates high potential for unit failure.

Do not use recipes calling for more than 900 g (7 cups) all-purpose flour or 800 g (6 cups) whole-wheat flour when making dough in a 4.3 L bowl.

Do not use recipes calling for more than 1 kg (8 cups) all-purpose flour or 800 g (6 cups) whole-wheat flour when making dough in a 4.8 L bowl.

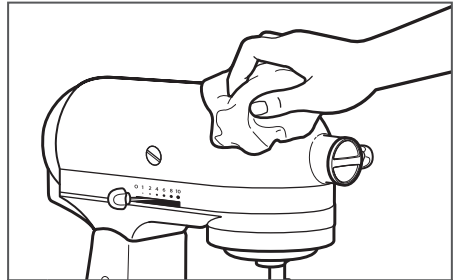
# CARE AND CLEANING

## ⚠ WARNING



### Electrical Shock Hazard

- Plug into an earthed outlet.**
- Do not remove earth prong.**
- Do not use an adapter.**
- Do not use an extension cord.**
- Failure to follow these instructions can result in death, fire, or electrical shock.**

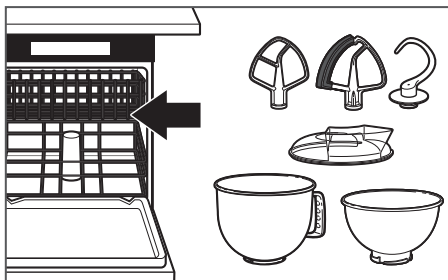


1

Always be sure to unplug Stand Mixer before cleaning. Wipe Stand Mixer with a soft, damp cloth. Do not use household/commercial cleaners. Wipe off beater shaft frequently, removing any residue that may accumulate. Do not immerse in water.

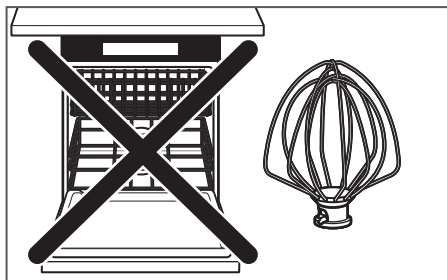


## CARE AND CLEANING



2

Bowl, pouring shield\*, white flat beater, Flex Edge beater\*, and white dough hook may be washed in a dishwasher. Or, clean them thoroughly in hot sudsy water and rinse completely before drying. Do not store beaters on shaft.



3

**IMPORTANT:** The wire whip is not dishwasher-safe. Clean it thoroughly in hot sudsy water and rinse completely before drying. Do not store wire whip on shaft.

\*Included with select models only. Also available as an optional accessory.

## TROUBLESHOOTING

### ! WARNING



#### Electrical Shock Hazard

**Plug into an earthed outlet.**

**Do not remove earth prong.**

**Do not use an adapter.**

**Do not use an extension cord.**

**Failure to follow these instructions can result in death, fire, or electrical shock.**

Please read the following before calling your service centre.

1. The Stand Mixer may warm up during use. Under heavy loads with extended mixing time periods, you may not be able to comfortably touch the top of the unit. This is normal.
2. The Stand Mixer may emit a pungent odor, especially when new. This is common with electric motors.
3. If the flat beater hits the bowl, stop the Stand Mixer. See the "Beater to bowl clearance" section.

**If your Stand Mixer should malfunction or fail to operate, please check the following:**

- Is the Stand Mixer plugged in?
- Is the fuse in the circuit to the Stand Mixer in working order? If you have a circuit breaker box, be sure the circuit is closed.
- Turn off the Stand Mixer for 10-15 seconds, then turn it back on. If the Stand Mixer still does not start, allow it to cool for 30 minutes before turning it back on.

# KitchenAid

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