



Food Preparation: FOOD MIXER

Purpose

Whips, mixes or kneads product.

Equipment Safety Precautions

Always use care with any electrical equipment.

- Do not wear loose clothing or jewelry that could get caught in the machinery.
- Before you put together, clean or take apart electrical equipment
 1. Turn off the appliance.
 2. Turn off the *circuit breaker*,* wall switch or unplug from the electrical outlet.
- Keep your hands and utensils away from the mixer bowl and blades when operating.
- Always follow lockout/tagout procedures for your facility.

Food Safety Precautions

To prevent cross-contamination

- Clean and sanitize equipment before use.
- Clean and sanitize the bowl and beater thoroughly between uses, when you use the mixer for more than one item.

Safe Operating Directions

1. Check that electrical outlet and machine power sources are OFF.
2. Place the bowl so that the holes on the brackets and the bowl line up, then fasten the clamps.
3. Place the beater in the bowl and lock it in place over the *shaft pin***.
4. Use the *bowl lift handle*** to raise the bowl to mix position. Make sure the bowl does not touch the beater and damage the equipment.
(*This could cause metal shavings to physically contaminate the food.*)
5. Put the food to be mixed into the bowl.

(continued)

NOTES:

FOOD MIXER (continued)

NOTES:

6. Turn the electrical outlet and machine power sources ON.
7. To start, choose the LOWEST mixing speed .
8. Turn the machine OFF when you add more ingredients or switch gears for a higher mixing speed.
9. When the food is processed, turn the machine switch OFF.
10. Turn the circuit breaker or wall switch OFF or unplug the machine from the electrical outlet.
11. Lower the bowl with the lift handle.
12. Remove the beater, and unlatch the bowl.
13. Remove the food to a clean and sanitized container.

Safe Cleaning Directions

1. Clean and sanitize the beater and bowl.
 - Rinse and wash the beater and bowl with hot water, and mild detergent.
 - Rinse well with hot water.
 - Sanitize.
 - Allow to air dry.
2. Clean the mixer.
 - Make sure the machine is turned off.
 - Unplug the machine from the electrical outlet.
 - Dip a clean cloth into a mix of hot water and mild detergent, and wring out excess water.
 - Clean and sanitize the machine.
 - Allow to thoroughly air dry.

DEFINITION

- * **Circuit Breaker** – A circuit breaker automatically stops the flow of electricity when the electric circuit gets overloaded. You can also switch off a circuit breaker by hand at any time.

For more food and equipment safety information visit www.mafoodsafetyeducation.info

**The Equipment Safety fact sheets are general guidelines. Final procedures for safe equipment operation and cleaning should follow the manufacturer's specifications. Check the manufacturer's manual at your site or ask your supervisor for specific equipment details.



FOOD EQUIPMENT AND SAFETY TRAINING (FEAST)

Review Questions: FOOD MIXER

Circle the answer that best describes the safe operating procedures related to using and cleaning a food mixer.

1. What is the first step when using a food mixer?

- a. Place the food in the bowl.
- b. Place the beater on the shaft.
- c. Turn the machine on.
- d. Check that all machine power sources are off.

2. When you attach the bowl, make sure that

- a. The food is in the bowl.
- b. The beater touches the bowl.
- c. The bowl lines up and is fastened in place.
- d. All of the above.

3. When using the mixer, start processing

- a. At the speed specified in the recipe's instructions.
- b. At a medium speed.
- c. At the lowest speed.
- d. At the highest speed.

4. To clean and sanitize a food mixer, make sure the machine is OFF, then

- a. Clean and sanitize the bowl and beater in hot water and mild detergent.
- b. Clean the bowl and beater in hot water and mild detergent; rinse and sanitize. Wipe machine with a clean cloth dipped in hot water and detergent; rinse and sanitize.
- c. Clean the bowl and beater in hot water and mild detergent; rinse and sanitize. Wipe machine with a wet cloth.
- d. None of the above.