



Mixing system

VARIMIXER is a planetary mixer with a variable speed drive system. The mixer frame consists of a column with welded-on feet, and a top traverse closed by a stainless steel cover.

The bowl is mounted in bowl arms, which manually are raised and locked simultaneously - or lowered and opened, respectively. The column contains the motor and the bowl arm mechanism. The top traverse contains the transmission system consisting of the moveable pulleys, the intermediate belt drive and the planetary head. Start and stop push buttons are mounted on a front plate along with the contactor for protecting the motor against overload.

A timer with HOLD feature is standard on the W60.

Construction

Mixer frame of extra heavy-gauge, welded, rolled steel plate. Silver-gray hamertone powder coating finish. Top cover, coverplate system for the moveable bowls arms and planetary head cap in heavy-gauge stainless steel. Molded PVC feet pads. Bowls in stainless steel. Mixing tools in cast aluminum or stainless steel. Bayonet shaft in stainless steel. Variable speed V-belt transmission based on precision machined cast iron pulleys. Springloaded moveable pulleys in the variable speed drive for automatically adjusting of the tension of the special V-belt. Planetary mixer head of unique design. The planetary head revolves in heavy-duty ball and needle bearings around the main shaft. Precision milled beveled gear on the main shaft engages the bayonet shaft and the fixed internal gear ring through a double set of milled gears obtaining extra high torque capabilities of the mixing tools.

Precision milled cast iron bowl arms lower and raise the bowl and clamp it in a precise position relative to the mixing tool allowing for small tolerances between tool extremities and the bowl.

Attachment drive directly coupled to the motor securing maximum power output to the meat grinder or vegetable cutter. The 198-rpm high speed and the powerful motor give the meat grinder an unusually high capacity in relation to the size of the mixer.

Bidding Specifications

Standard Features

- By manually operating a single lever, the bowl raises and locks in position.
- Stainless steel bowl, ribbed spiral hook, whip and aluminum beater.
- Dual tension belt drive pulleys eliminates slippage.
- Locking pin on tool instead of shaft.
- No bowl adaptors required for the downsize bowls.
- Bowl trucks come with a handle for easy use.
- Always the right mixing speed for the particular job with the variable speed drive.
- Unique planetary head design with very heavy duty shafts and bearings.
- Lubrication of planetary head only by permanent grease, no oil leakages into --- the bowl.
- Automatic stop of mixer when the bowl is lowered.
- Sanitary and easy to clean. Lip seal on planetary head prevents entrance of dust and water.
- Timer

Optional accessories

- Mark III programmable controls
- Small bowl with matching set of tools
- Bowl trucks
- Meat grinder
- Vegetable cutter
- Special whips
- Automatic bowl scraper
- Anti-splash cover
- Single Speed Transmission
- ERGO (tall column)

Model W60

Dimension Data

| | | |
|------------------------------|-----|--------|
| Level Capacity of large bowl | Qt. | 63 |
| Level Capacity of small bowl | Qt. | 32 |
| Width Overall | In. | 25 1/2 |
| Depth Overall | In. | 40 1/2 |
| Height Overall | In. | 55 5/8 |

Electrical Data for Motor

| | | |
|-------------------|---------------|------|
| 3 HP -- 13.3 amps | 208/240 volt* | 1 ph |
| 3 HP -- 8 amps | 208/240 volt* | 3 ph |

Mixing Speed

| | |
|------------------------|------------|
| Minimum Agitator Speed | 70 R.P.M. |
| Maximum Agitator Speed | 360 R.P.M. |
| Attachment Drive | 198 R.P.M. |

Shipping Data

Basic Machine plus 1 S/S bowl, 1 S/S Hook, 1 S/S whip and 1 aluminum beater.

Measurement

Shipping Box

| | | |
|--------|--------|--------|
| Width | In. | 28 1/2 |
| Depth | In. | 44 |
| Height | In. | 67 |
| Volume | Cu.Ft. | 52 |

Weight Data

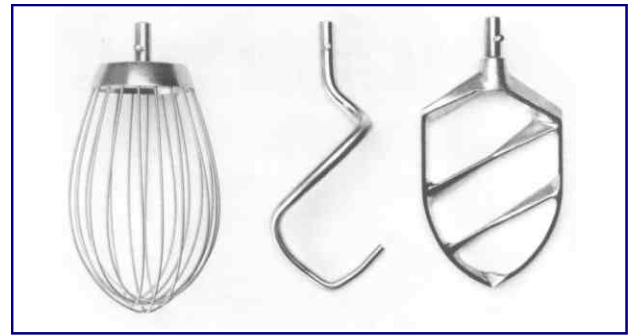
| | | |
|--------------|------|-----|
| Net Weight | Lbs. | 542 |
| Gross Weight | Lbs. | 654 |

Capacity Chart

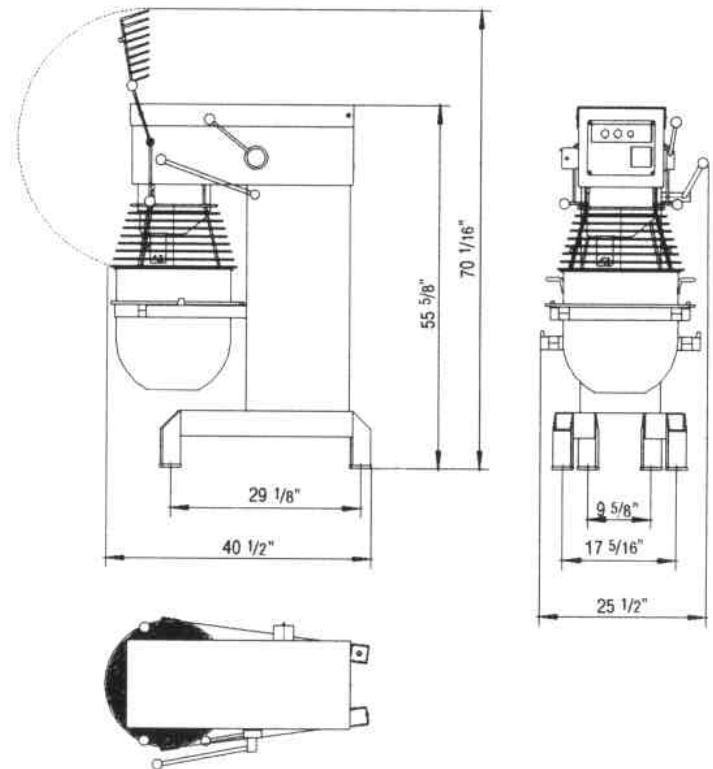
| | | |
|----------------------|----------------|---------|
| Mashed Potatoes | Whip or Beater | 46 lbs. |
| Whipped Cream | Whip | 12 Qts. |
| Muffins | Beater | 60 lbs. |
| Layer Cake | Beater | 69 lbs. |
| Pie Dough | Pastry Knife | 58 lbs. |
| Pancake Batter | Whip or Beater | 28 Qts. |
| Cookie Dough | Beater or Hook | 115 dz. |
| Donuts, Yeast | Hook | 70 lbs. |
| Donuts, Cake | Beater | 60 lbs. |
| Bread Dough (65% AR) | Hook | 90 lbs. |
| Pizza Dough (50% AR) | Hook | 75 lbs. |

%AR= $\frac{\text{weight of water}}{\text{weight of flour}}$

*On the nominal motor voltage + or - 10% tolerance is allowed.
Specifications are subject to change without notice.



Standard tools: Whip, hook, beater



This mixer is listed by:



LISTED



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