

Job: \_\_\_\_\_

Item No.: \_\_\_\_\_

Model No.: **PBM80**

## 80-QUART MIXER PACKAGE

Mixer package built for the correctional industry with tamper resistant fasteners, knobs and handles; Lockable stainless steel control box; Security lock on bowl guards; Bolt down legs; Non-removable speed control knob, shaft and hub.

### Features & Benefits:

- 3 HP capacitor start motor, 1 phase
- Variable speed drive: Four fixed speeds or any speed in-between
- Change speed without having to stop the mixer
- Two-piece, stainless steel, dishwasher safe safety guard
- Heavy-duty stainless steel bowl
- #12 Power Take-Off (PTO) hub
- Interlock switches protect operator from injury if safety guard is open or bowl is lowered.
- Low voltage protection prevents accidental start-up after power failure
- Hardened alloy gears in transmission
- Durable NSF-approved hybrid epoxy/polyester powder coat finish
- Cord and plug



### Standard Accessories

- |                                 |                    |
|---------------------------------|--------------------|
| ■ 80-quart stainless steel bowl | ■ Dough Hook       |
| ■ Batter beater                 | ■ Ingredient chute |
| ■ Wire whip                     | ■ 15-minute timer  |

### Optional Upgrades

- |                               |  |
|-------------------------------|--|
| ■ Vegetable slicer attachment | ■ 80-quart bowl truck                        |
| ■ Grater/shredder attachment  | ■ 40-quart for 80-quart bowl and attachments |
| ■ Meat and food grinder       | ■ Power bowl lift                            |
| ■ Bowl scraper                | ■ Bowl truck                                 |
| ■ Splash/extension ring       |  |
| ■ 80-quart pastry knife       |  |

### Warranty:

The PBM80 carries a one-year, on-site parts and labor warranty against any flaws in materials and workmanship. This period begins date of purchase and, provided the unit is used in accordance with instructions, is in full effect for one year from that date. Any work performed under this warranty must be performed between the hours of 8:00 a.m. and 5:00 p.m. local time, Monday

through Friday. Prisonbilt will not pay for overtime charges for work performed other than during normal business hours. Damage incurred in transit or from installation error, accident, alteration or misuse is not covered. Prisonbilt shall not be liable for any consequential, compensatory, incidental, or special damages. Contact the Prisonbilt service department for any warranty claims.

### PRISONBILT

4900 W. Electric Avenue • West Milwaukee, WI 53219  
 phone (414) 902-6680 • fax (414) 902-6446  
[www.prisonbilt.com](http://www.prisonbilt.com)

Job: \_\_\_\_\_

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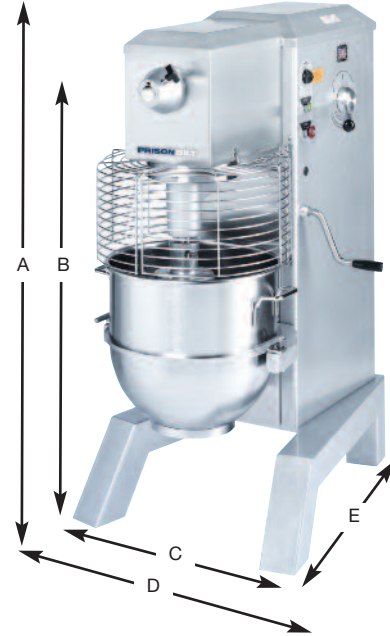
Model No.: **PBM80**

## Construction Specifications:

- **Capacity:** 90 quarts (85.2 liters)
- **Motor:** 3 hp. Capacitor start, 1 phase
- **Electrical:** 208-240/60/1, 16.8 amps or 3-phase 8.5 amps. No cord provided. Also available in 208-240/60/3, 220/50/3, 380/50/3, 400/50/3 (CE), 440-480 /60/3. Also available at extra cost in 220-240/50/1 & 230/50/1 (CE).
- **Controls:** Momentary contact STOP & START buttons and contactor. Magnetic starter with overload protection.
- **Transmission:** Variable speed transmission with hardened alloy gearing and torque sensing pulleys.
- **Lubrication:** Gearing oil bath
- **Finish:** NSF-approved hybrid epoxy/polyester powder coat
- **Bowl:** Die-drawn stainless steel
- **Bowl Guard:** Heavy-duty, two-piece, stainless steel swing ring safety guards. Swings open for full access to bowl. Removes easily for cleaning, fits in dishwasher. Guard must be attached and closed for mixer to operate. Bowl support interlock provides additional protection.
- **Speeds:** The variable speed transmission not only provides the standard 4 locked-in speeds, but also any-in-between speeds
- **Speed (RPM)**

|              | 1  | 2   | 3   | 4   |
|--------------|----|-----|-----|-----|
| Beater Shaft | 60 | 130 | 200 | 270 |
| PTO          | 85 | 185 | 285 | 385 |

- **Bowl Lift:** Ergonomic, crank-operated handle or optional power bowl lift
- **PTO Hub:** Comes with a front-mounted industry standard #12 Power Take-Off (PTO) hub for use with #12 attachments



### Mixer Dimensions:

- A) Height: 58-3/16" (1478 mm)
- B) Base to PTO height: 50-1/2" (1283 mm)
- C) Width: 30-1/16" (764 mm)
- D) Width with handle: 31-5/6" (811 mm)
- E) Length: 44-1/2" (1130 mm)

### Shipping Information:

Freight Class: 85  
 Net Weight: 835 lb. (379 kg)  
 Shipping Weight: 995 lb. (451 kg)

### Shipping Box Dimensions:

Height: 65-1/2" (1664 mm)  
 Width: 41-1/4" (1048 mm)  
 Length: 51" (1295 mm)

| Item Number | Description  | Overall Size         |                      |                       | Case Weight<br>Lbs (Kg) | Case Cube |        |
|-------------|--------------|----------------------|----------------------|-----------------------|-------------------------|-----------|--------|
|             |              | L                    | W                    | H                     |                         | Cu Ft     | (m³)   |
| PBM80       | 80 QT. Mixer | 44-1/2"<br>(1130 mm) | 30-1/16"<br>(764 mm) | 58-3/16"<br>(1478 mm) | 1000 (453)              | 79.8      | (2.26) |

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