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# Inversion Machines Ltd.

## SPECIFICATIONS for All 88 MIXER Models

**SPECIFICATIONS for the 2 Liter Model to the 15 Gallon 88 Mixer Models. See below for the 25 and 45 Gallon Models**

| Gallon Model | 1/2 Gallon Model 2 | 1 Gallon Model 4 | 2 Gallon Model 10 | 5 Gallon Model 22 | 5 Gallon Model 22L | 10 Gallon Model 45 | 10 Gallon Model 45L | 15 Gallon Model 75 |
|---|---|---|---|---|---|---|---|---|
| Liters | 2 | 4.5 | 10 | 22.5 | 22.5 | 45 | 45 | 75 |
| Maximum container size: | 6" diameter. x 8.5" (approximately .75 imperial gallon. or 2 Liters) | 8" diameter x 10" (approximately 1 imperial gallon. or 4.5 Liters) | 8" diameter x10" (approximately 2 imperial gallons/10 Liters) | 12.25" diameter. x 15" (approximately 5 imperial gallons/22.5Liters.) | 2.25" diameter. x 15" (approximately 5 imperial gallons/22.5Liters.) | 15" diameter . x 19" (approximately 45 Liters) | 15" diameter . x 19" (approximately 45 Liters) | 15" diameter x 24" (approxim 75 Liters) |
| Maximum payload: | 10 Kg. | 15 Kg. | 25 Kg. | 25 Kg. | up to 50Kg. | 50 Kg. | 100 Kg. | 75 Kg. |
| Dimensions: | width 22" length 24" height 25" with safety cover closed, 39" open. | width 29" length 33" height 44" with safety cover open or 30" closed. | width 29" length 33" height 30" with safety cover closed; 44" open. | width 39" length 46.5" height 40" with safety cover closed, 62" open | width 39" length 46.5" height 40" with safety cover closed, 62" open | width 47" length 55.5" height 40" with safety cover closed; 56" open. | width 47"; length 55.5" height 40" with safety cover closed; 56" open | width 47" length 55.5" height 40" with safety cover closed; 56" open. |
| Gross weight: | 100lbs/ 45Kg. | 132 lbs/60Kg. | 132lbs/60Kg. | 450 lbs/205 Kg | 450 lbs/205Kg. | 660 lbs/300 Kg. | 660. lbs/300 Kg | 660 lbs/300 Kg |
| Speed: | adjustable from 10* to 90 r.p.m. | adjustable from 10* to 75 r.p.m. | adjustable from 10* to 75 r.p.m. | adjustable from 10* to 70 r.p.m. | adjustable from 10 to 70 r.p.m. | adjustable from 10* to 60 r.p.m. | adjustable from 10 to 60 r.p.m. | adjustable from 10* to 55 r.p.m |
| Electrical requirement: | 250 VA | 500VA | 500VA | 500VA single phase (three phase possible). | 1200 VA single phase, or any 50 or 60 cycle 3-phase supply voltage, please specify when asking for a quote. | 1500VA single phase (three phase possible). | 2400 VA single phase, or any 3-phase supply voltage, please specify. | 1500VA singl phase (three phase possible |
| Drive system: | 1/4 h.p. gear motor, speed modulated by a belt driven elliptical drive wheel. | 1/2 h.p. gear motor, speed modulated by a belt driven elliptical drive wheel. | 1/2 h.p. gear motor, speed modulated by a belt driven elliptical drive wheel. | 1/2 h.p. gear motor, speed modulated by a belt driven elliptical drive wheel. | Uses One 1.0 h.p. LIM (Linear Induction Motor) , driving a large diameter aluminum wheel. Speed controlled using a Micro Inverter speed control.. | Uses Two 3/4 h.p. gear motors, speed modulated by a belt driven elliptical drive. | Uses two 1 h.p. LIM's (Linear Induction Motors) 2 h.p. total, driving a large diameter aluminum wheel. Speed controlled using a Micro Inverter speed control | two 3/4 h.p. gear motor, speed modulated by a belt driven elliptical drive wheel. |

**SPECIFICATIONS for Model 150 and Model 220:**

| | Model150 (25 Gallon) | Model150L (25 Gallon) | Model 220 (45 Gallon) | Model 220L (45 Gallon) |
|---|---|---|---|---|
| Liters | 150 | 150 | 220 | 220 |
| Maximum container size: | 24" diameter . x 24" (approximately150 liters) | 24" diameter . x 24" (app. 150 liters) | 24" diameter x 36" (app. 220 liters) | 24" diameter x 36" (app. 220 liters) |
| Maximum payload: | 150 Kg. | 250 Kg. | 220 Kg. | 350 Kg. |
| Dimensions: | width 79" length 73" height 60" with safety cover closed, 80" with cover open. | width 79" length 73" height 60" with safety cover closed; open: 80". | width 79" length 73" height 60" with safety cover closed; 80" open.. | width 79" length 73" height 60" with safety cover closed; 80" open. |
| Gross weight: | 1300 lbs | 1450. lbs. | 1350. lbs. | 1500. lbs. |

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| | | | | |
|---|---|---|---|---|
| Speed: | adjustable from 10* to 50 r.p.m. | adjustable from 10 to 50 r.p.m. | adjustable from 10* to 40 r.p.m. | adjustable from 10 to 40 r.p.m. |
| Electrical requirement: | 3000VA single phase (three phase possible) please specify. | 3600 >4800 VA single phase (three phase possible) please specify.3600 VA > 4800 VA peak three phase. | 4000 VA single phase (three phase possible) please specify. | 3600 VA > 4800 VA peak three phase. |
| Drive system: | Two 1.5 h.p. gear motor, speed modulated by a belt driven elliptical drive wheel. | uses three 1 h.p. LIM's (Linear Induction Motors) and one 1 h.p. pulse; 4 h.p. total, driving a large diameter aluminum wheel. Speed controlled using a Micro Inverter speed control. | uses two 2 h.p. gear motor, speed modulated by a belt driven elliptical drive wheel.. | uses three 1 h.p. LIM's (Linear Induction Motors) and 1 1 h.p pulse motors; 4 h.p. total, driving a large diameter aluminum wheel. Speed controlled using a Micro Inverter speed control. |

* These mixers should not be run for long periods below this minimum speed. See Details.

**NOTE:** All models come with one hour timer, tachometer, safety circuit, and speed control as standard equipment.

The safety circuit shuts the mixer off when the cage is opened.

**CALL OR E-MAIL INVERSION MACHINES TODAY!**
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