

# **45 Gallon Oil Heater**

## **Included**

- Thermostat, Element and Power Cord.
- Extra element for backup.
- 1.5" (38mm) Poly Three-Way Ball Valve
- Lid with molded high-temp handle.
- ½" (13mm) inlet and outlet for quick cooling
- UL approved components
- Outlet and valve cleaning brush
- Full set of easy to follow instructions with production tips.

## **Specifications**



- Exterior: 29" (74cm) H x 26" (66cm) D
- Inner Jacket Capacity: Approx. 45 gallons (66.74L)
- Water Jacket Volume: approximately 17.75 gal (66.74L)
- 220 Volt, 3000 watt
- 50°F to 250°F (10°C to 121°C)
- Current draw is 14 amps at 220 volts

# Manual Cutter



## Description:

- You can cut a large 40 pound block of soap in just minutes into neatly cut and perfect bars
- Cuts loafs and bars with one piece of equipment
  - Comes standard with one loaf frame and one bar frame
  - Additional frames available for cutting multiple bar and loaf sizes
  - Frames are easily interchanged for efficient cutting
- Custom designed to your bar size

- We help you to obtain your ideal pour weight and block size
- Works with both cold processed and hot processed soap
- A compact piece of equipment that is tough, durable, easy to use and clean.
- Frames glide smoothly on linear bearings and high speed drill-rod guides.
- High Tensile Strength wire for lasting durability.
- Wire replacement is easy with our adjustable tension bolts!
- Our ball bearing gliding table with guide pins glides to perfectly position your soap block.
- **Specifications:**
  - Width: 18" x 18" (46cm x 46cm) | Height: 18" (46cm) tall
  - Weighs approximately 65lbs (29kg)
  - One year parts and labor warranty – but built to last.



## Mold

## Description

- Easy to clean
- No maintenance
- Easy to disassemble and de-mold
- Double celled to allow for the pouring of two blocks

- of soap at the same time.
- Capacity is dependent on the choice of bar size.
    - We design an average 40 pound (18.2kg) pour weight per side.
  - Better saponification is achieved in these large molds due to the even sustained temperatures in completing the conversion of oils to glycerin
  - Lining and greasing recommended

## **Specifications**

- 3/4" HDPE
- Dimensions are dependent on final design
- Ideal range of pour weights: 35-40 pounds (16-18kg)
- Two cells per mold

## **45 Gallon Lye Tank**

### **Included:**

- Thermostat, Element and Power Cord
- Extra element for backup
- 3/4" (19mm) 3-Way Polypropylene Ball Valve



- Lid with molded high-temp handle.
- Sealed with a double seal gasket to hold in fumes and limit evaporation.

## **Specifications:**

- 27" (69cm) H x 23" (58cm) D
- Approx. 45 Gallons (170L) capacity
  - Approx. 360 pounds (164kg)
- 16 Gauge 304 Stainless Steel
- 120 Volt, 1500 watt
- 50°F to 250°F (10°C to 121°C)
- Current draw is 12.5 amps at 120 volts

# 80 Quart Pot Tipper



# **Description**

- Heavy gauge 80 Quart (76L) Stainless Steel Pot swings freely on a sturdy steel frame.
- Adjustable for left or right hand use.
- 6 height adjustments 1" (2.54cm) each
- Mix over 140 pounds (64kg).
- Works with our Oil/Wax Melter Heaters for multiple efficient pours.
- No maintenance – easy to clean.

# **Specifications**

- Pot:
  - Diameter: 20" (50cm)
  - Depth: 16" (41cm)
  - Capacity: 80 Quarts
  - 18 Gauge Stainless Steel
- Deck:
  - Length: 16" (41cm)
  - Width: 22" (56cm)
- Base:
  - Width: 22" (56cm)
  - Length: 24" (61cm)
  - 2" (5cm) steel box tubing frame
  - 4 x 4" (10cm) casters
    - 2 fixed, 2 swivel
- 6 height adjustments of 1" (2.54cm) each
- Overall Height:

- Tallest Height: 41" (104cm)
- Lowest Height: 35" (89cm)

## Large Tank Scale

### Description



- Encased in a heavy gauge Stainless Steel enclosure.
- Large 1" (2.54cm) high graphic digital display with swivel mount.
- Display updates at 0.4 seconds.
- Push-button functions for automatic and keyboard tare with

memory locations, zero, net/gross, and multiple unit conversions.

- Tare button/function

### Specifications

- Accuracy: 0.2 pounds (90g)
- Weight Capacity: 1000 pounds (454kg)
- Units: Pounds, Kilograms, Troy, Ounces, Grams
- Platform Size: 24" (61cm) x 24" (61cm) x 5" (12.7cm)
- Operating Temperature: 14°F to 104°F (-10-40°C)
- Power Requirements: 120VAC, 50/60 Hz.
  - Can also be powered by 6 AA batteries (included)



## Description

- Works very well with our [Pot Tippers](#) and [Oil Heaters](#).
- The easy to adjust Variable Speed Control will give you as much or as little speed as you need for mixing Soap, Lotions, Dry Materials, Oil blends, Body Washes, etc.
- Designed to mix batches from 20lbs (9kg) up to 500 lbs (227kg)
- Approximate trace times:
  - 30 lbs (14kg) to 110 lbs (50kg) is about 5 to 10 minutes at a little over half speed (1500 rpm).
  - 250 lbs (114kg) to 500 lbs (227kg) is around 15 to 20 minutes at about 1800 rpm.
- Complete with a Heavy duty ½ hp Constant Torque Motor
- Very easy to raise and lower by simply removing a pin and adjusting to your desired height
  - Height is adjustable in, 1” (25mm) increments for exact positioning).
- The entire motor assembly will also pivot up or down, from 0 degrees (vertical) to 90 degrees (horizontal).
  - Will also lock at 90 degrees horizontal for cleaning, or for readiness to insert into the Pot Tipper or Tank.
- The mixing angle of the Mighty Mixer can be set anywhere from 0 to 60 degrees by adjustment of the Pivot Pin.



- Comes standard with a Floor Mount Plate, for mounting permanently to a floor with 5/16" (8mm) anchors or bolts (not included).
  - The Floor Mount Plate can also be easily attached to the optional rolling Tripod Base with three bolts (included with Tripod Base).

## **Specifications**

- Heavy Duty Telescoping Tubular Box Frame
- Overall Height: 78" (198cm)
- Weight: Approx. 80 pounds
- 12 gauge steel frame
- The Floor Stand Mount and Motor Mount is 3/16" (5mm) steel plate
- Industrial, Variable Speed Drive Control
- NEMA 4/12 – Wash-Down Enclosure and Controls
- Heat Sink Enclosure to guard electronic components, from overheating
- 120 / 240 volt AC, 1/2 HP
- Permanent Magnet, 90 volt, DC Motor.
- Amp. draw is about 6.5 amps and 780 watts
- NEMA Frame, TEFC, SCR rated (speed control rated)
- Motor has permanently sealed lubricated, ball bearings.
- High starting torque for heavy load conditions.
- Wired for clockwise direction, can be reversed for counter clockwise direction.
- Motor shaft is 5/8" (16mm)



## **Description**

- Works with tank sizes:
  - 45 Gallon
  - 60 Gallon
  - 85 Gallon
- Can be anchored to the floor for maximum stability
- Made of welded steel and is braced for maximum support

## **Specifications**

- 24" x 24" x 36" H (71cm x 71cm x 92cm)
- 40" is the ideal height when used with our Pot Tipper
  - The height is perfect when used with our Large Tank Scale
  - Not ready to purchase a scale? Simply block your melter up
- Minor assembly required