

# **CHEMBINE**

## **CHEMICAL MIXER**



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# SAVING TIME & EFFORT!

## *This new product by Free Form Plastics*

is a cutting-edge way of mixing and blending your chemicals for your agricultural needs. The **CHEMBINE** incorporates all the features of a typical chemical mixer plus adds some user-friendly features while dramatically improving in the following areas:



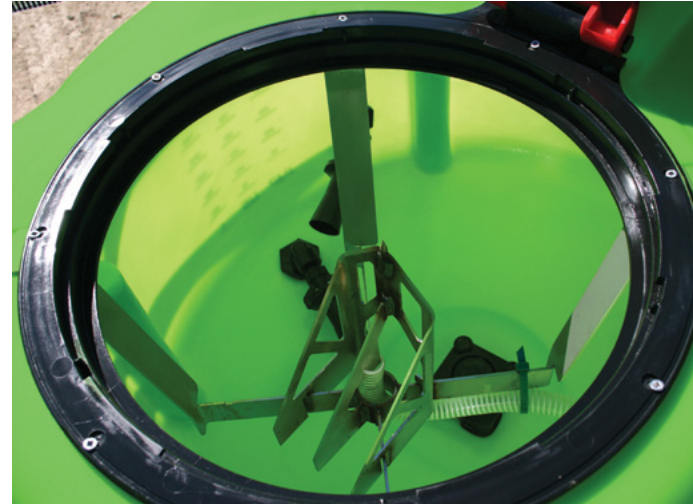
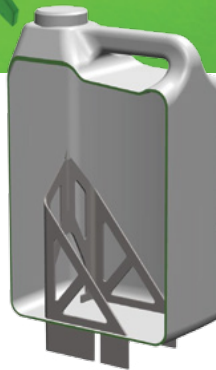
- ① **New and innovative** knife block design provides a more efficiently shaped cut requiring less effort, faster & more complete drainage/rinsing as well as easier removal of the jugs
- ② **Increased agitation** with the use of 4 vertically molded ribs in the tank combined with our unique vortex cycling water jet eductor system
- ③ **Easy rinse and drain** process with the bottom drain valve, all interior surfaces sloped to the drain and a rotary rinse system with 1" lines
- ④ **Improved ergonomics** with the commonly used valves raised and a molded stop for the hinged lid to rest on
- ⑤ **Improved stability** with the stand incorporated into the poly tank and the addition of large feet with mounting holes
- ⑥ **Improved visibility** with all hoses having clear sidewalls







**Knife Block:** design provides a more efficiently shaped cut requiring less effort, faster & more complete drainage/ rinsing as well as easier removal of the jugs.



**Mixing:** two agitator jets stir the fluid while the four vertical ribs disrupt the flow increasing the rate of mixing and virtually eliminating the chances of undissolved particles.



**Rotary Rinse:** tank nozzle included provides fast and effective rinsing.



**Secure Hinged Tank Lid:** has a raised stop to rest on when open. This raised stop feature molded into the tank reduces reach and effort required to open and close the lid.



**Mounting:** The frame legs have large feet with pre-drilled holes to allow easy and secure fastening to a trailer or truck deck. The tank is vertically ribbed so that the legs cradle into the tank to give superior agitation plus stability when opening and closing the lid.



# Accessories

## easyFlow

Agriculture requires precision.. The new easyFlow system protects the user and the environment from unintentional pollution.



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## Pumps

Pump options are available for those looking for electric start, high capacity, and even run dry capabilities.

## Expansion Kit

Adds 3x 1" tote lines and a 1" magnetic banjo flow meter to your existing Chembine.

## Hot-Tank

Premix all your products ahead of time while your sprayer is in the field. Decreases your fill times and simplifies your tasks required when the sprayer needs to get back to work.



# Specifications

## Chemcombine:

**75 US Gallon Capacity**

**62.5 Imperial Gallon Capacity**

**284 Litre Capacity**

- 1. 2x agitator jets**
- 2. 4x vertical ribs**
- 3. 1x rotary rinse nozzle**

## Pumps:

### **1. Banjo:**

3" manifold pump with a 6.5 HP Honda GX200 equipped with a wet seal for run dry capability.

### **2. Hypro:**

3" manifold pump with a 13 HP Honda GX390 equipped with an electric start for the most demanding liquid transfer flow rates.

## Upgrades:

### **a. Hypro Pump:**

- 42% faster fill speed than the original wet seal pump; and
- Integrated bolt on frame to existing Chemcombine unit.

### **b. Expansion:**

- Integrated bolt on frame to existing Chemcombine unit,
- 3x 1" tote connections,
- 1" banjo flow meter; and
- Expandable location to an additional 2" connection.

### **c. easyFlow:**

- easyFlow tank and canister adaptor that allows for safer handling of dangerous chemicals; and
- Agriculture requires precision. One example: the exact and non-spilling dosage of liquid crop protection agents. The new easyFlow system protects the user and the environment from unintentional pollution.

## Hot-Tank:

- 1500 US Gal, heavy duty stand, 4x agitator jets, 2x rotary rinse nozzles
- Easy clean out (10 degree tank bottom to a 3" bolted bulkhead)
- Simple operation (with 2 three way valves to control all functions); and
- Pre mix a ready to spray mixture while the sprayer is still in the field.

# Freeform

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