

# **CHEMBINE**

## **CHEMICAL MIXER**



🌐 [freeformplastics.com/products/chembine/](https://www.freeformplastics.com/products/chembine/)

# 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.





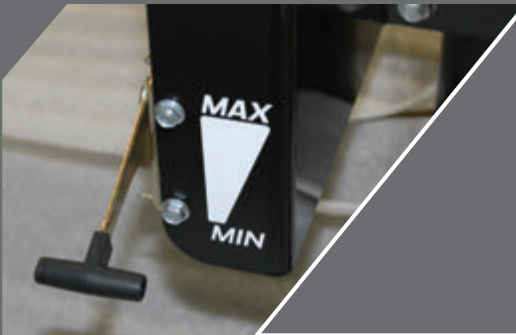
## KNIFE BLOCK

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



## PLUMBING

Available in two sizes:  
New 2 inch and 3 inch.



## REMOTE THROTTLE KIT

This kit can be added to either Honda engine (6.5 or 13 hp) and allows operation of the throttle from the front of the unit. Allows you to easily vary your throttle as needed to get the best possible performance from your Chembine with the least amount of effort!



## PUMPS

There are 2 optional pump kits to compliment your Chembine and create a very functional and compact system.

One is a 6.5 hp Honda with a Wetseal Banjo pump displacing 256 gpm (in our actual tests) or a 13 hp electric start Honda with Hypro pump displacing 364 gpm (in our actual tests). Both kits come on a powder coated frame that bolts to the existing Chembine, and they have an easy oil drain cut out and additional mounting feet. Both these kits include a 3 way valve that gives you the flexibility to induct or for even quicker fill times pump from the Chembine tank to fill your sprayer.





## ROTARY RINSE

Easy rinse and drain process with the bottom drain valve, all interior surfaces sloped to the drain and a rotary rinse system with 1 inch lines.



## 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.



## SECURED 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.



## EXPANSION KITS

2 optional kits are available to expand your standard Chembine from the 1 x 2 inch tote connection that it came with:

- 1. Expansion kit - 2 Tote System** expands your Chembine to allow connection of 2 x 1 inch totes in addition to the original 1 x 2 inch tote connection. The kit also includes a Flush Hose Assembly.
- 2. Expansion kit - 3 Tote System c/w Flow Meter** expands your Chembine to allow connection of 3 x 1 inch totes in addition to the original 1 x 2 inch tote connection. This kit also includes a powder coated stand that connects to the Chembine and has 1 inch Banjo magnetic flow meter incorporated into it.

# CHEMBINE DUAL UNIT

Available with a side mount or rear mount setup that includes the 13HP Honda with electric start engine and Hypro pump.



CHEMBINE

# easyFlow

## The self-cleaning closed transfer system

- Mounts to Chembine mixer, sprayer, nurse tank, etc.
- Gravity flow means no pumps are required
- Large diameter for speedy emptying of jugs
- Ability to empty jug partially and reuse later
- Built in backflow prevention for safety
- No spill connection with highest standards of user and environment safety
- Continuously adjustable flow rates, enabling exact transfer of partial container volumes
- Rinsing of accessible parts in contact with chemical after partial dosing (adaptors stay connected to the container)
- Fast and complete rinsing of empty containers
- No more contamination and cleaning of measuring jugs required
- Jug adaptors fit 63mm containers



## easyFlow M - Safe metering and dosing system

- All the benefits of the easFlow system
- Mounts next to the sprayer tank, at working height for easy handling on big sprayers
- Connects to suction line, induction bowl or any other induction system
- Transfer of entire content or exact metering and dosing of small partial quantities
- Rinsing of the whole system even after partial emptying of containers
- Automatic rinsing of the measuring device simultaneously
- Easy to install as a kit on the Chembine mixer or any sprayer, nurse tank, etc.
- Clear and transparent measuring vessel, inexpensive to replace



# HOT-TANK

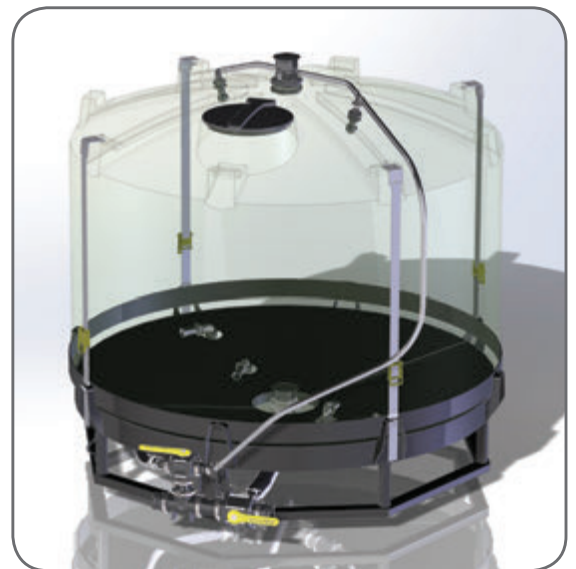
The Hot-Tank allows you to premix your entire chemical load ahead of time. You can reduce your spraying down time by having your entire mixed chemical load ready upon arrival of the empty sprayer. Using the two 3 - way valves, and the existing pump, you are able to control the flow to fill, mix and load from the Hot-Tank. Loading the sprayer can be done by using the existing pump on the Chembine unit.

**Easy Clean Out:** 10 degree tapered cone bottom to a 3 inch complete drain bulkhead.

**Simple Operation:** With 2 three way valves to control all functions. Adds maximum speed and efficiency to your operation!

**Agitation:** There are four agitators at the bottom of the tank that agitate and mix the tank.

**Rotary Rinse:** There are two rotary rinse nozzles on the top of the tank that can be used to rinse the tank or mitigate foaming issues.



## SPECIFICATIONS

CHEMBINE	SINGLE UNIT	DUAL UNIT
<b>Capacity:</b>	75 US Gallon / 62.5 Imperial Gallon / 284 Litres	150 US Gallon / 125 Imperial Gallon / 568 Litres
<b>Features:</b>	2 x Agitator Jets / 4 x Vertical Ribs / 1 x Rotary Rinse Nozzles / 1 x 2 inch Tote Connection / Knife Block / Secure Hinged Lid / Frame legs drilled for mounting	

## CHEMBINE OPTIONS

### Pumps

<b>6.5 HP Honda GX200 with Banjo Pump</b>	256 US gpm	Powder coated frame included
<b>13 HP Honda GX390 with Hypro Pump</b>	364 US gpm	Powder coated frame included

### Expansion Kits

<b>2 Tote System</b>	Flush Hose Assembly included
<b>3 Tote System</b>	1 inch Banjo Magnetic Flow Meter included

### Remote Throttle Kit

### Plumbing

2 inch / 3 inch

### easyFlow:

easyFlow / easyFlow M

## HOT-TANK

<b>Capacity:</b>	1680 US Gallon / 1400 Imperial Gallon / 6359 Litres
<b>Features:</b>	4 x Agitator Jets / 2 x Rotary Rinse Nozzles / Heavy Duty Stand Easy Clean Out (10 degree cone bottom to a 3 inch complete drain bulkhead) 2 Three Way Valves

**Freeform**

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