



# Pro-Siler 1000

Application System

## Owner's Manual

Treats 1000 Ton

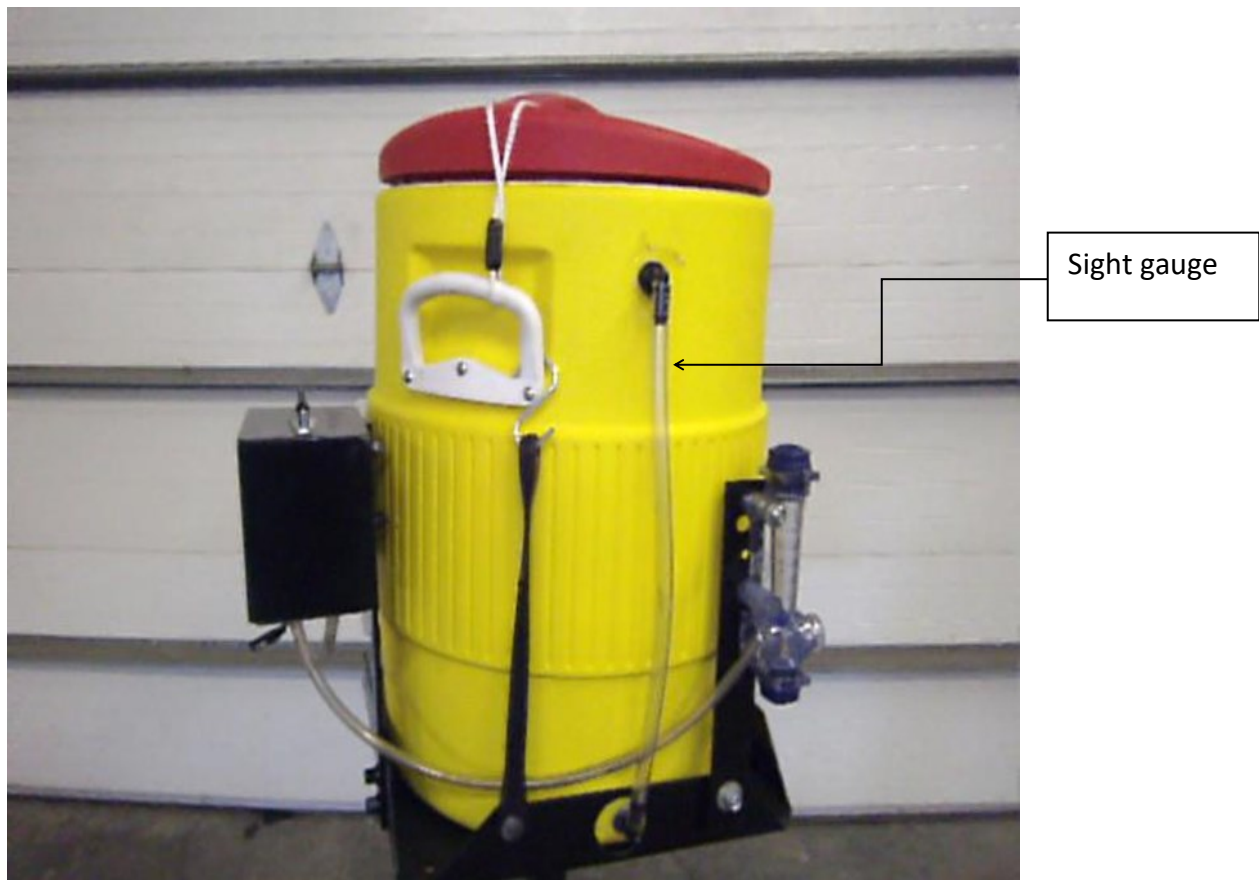
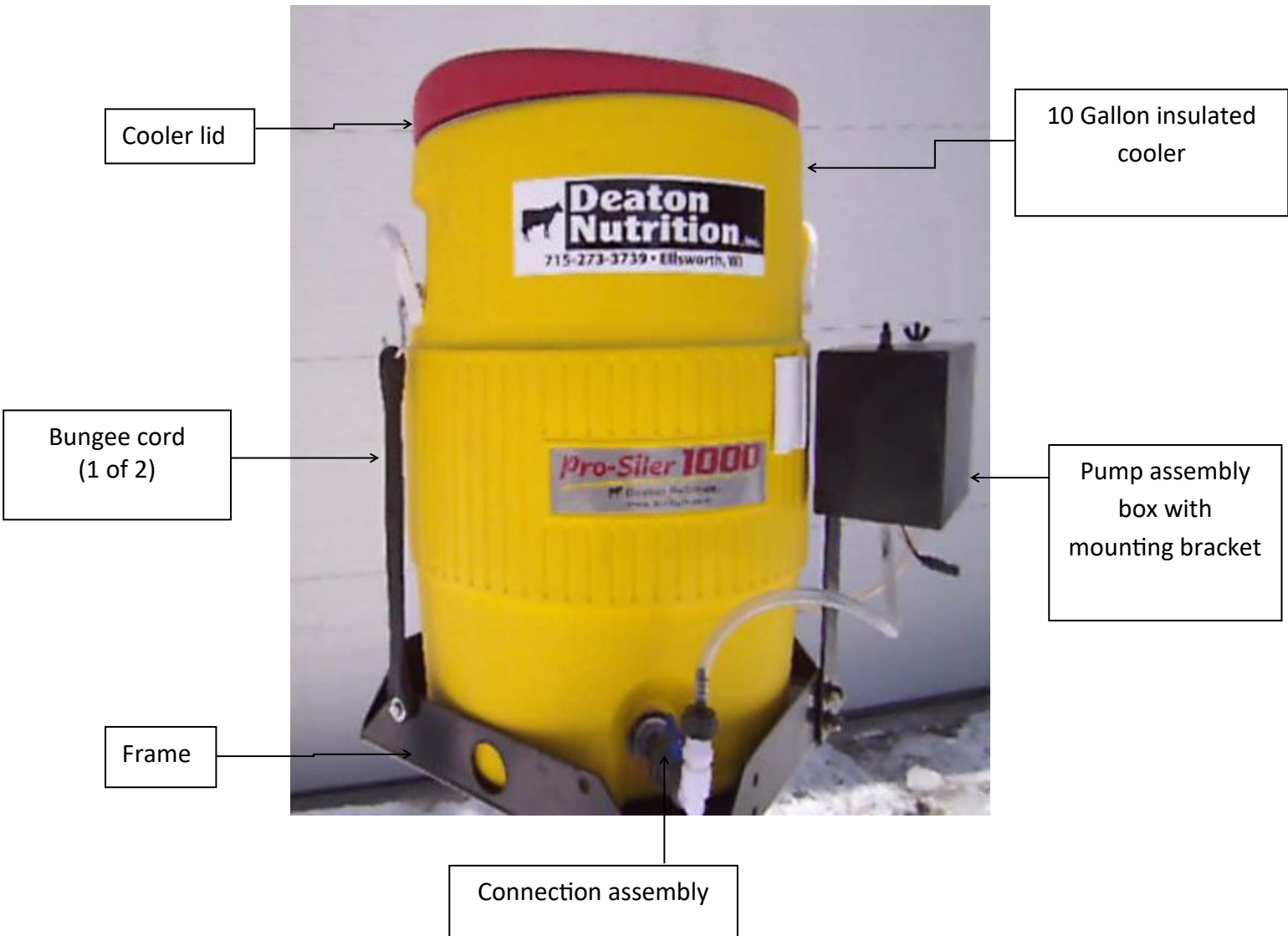


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## Assembly and Installation

Your Pro-Siler application system comes mostly assembled. There are minimal parts to assemble. These directions will assist you in hooking up the applicator to your equipment as well.

### Tools You Will Need:

½" Socket

½" Wrench

Utility Knife

1. Remove the tank and all hosing and brackets from the box. Additional parts are inside the cooler.
2. Use the bolts provided, attach the pump box to the frame.

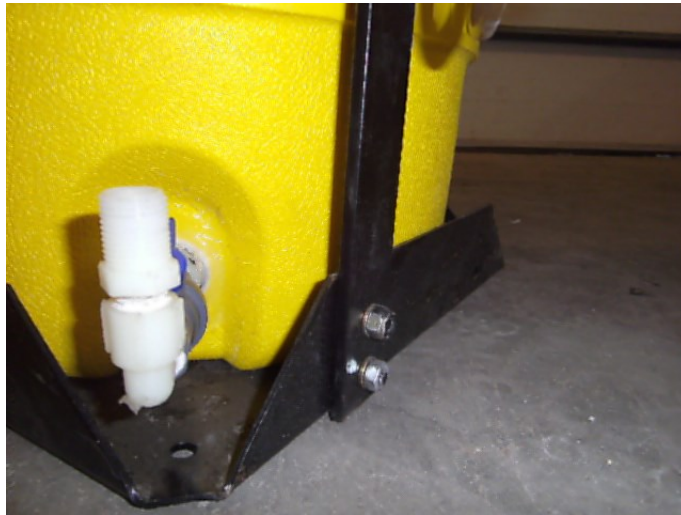


FIGURE 1

3. Using the bolts provided, bolt the bracket with the flow gauge to a visible place for the operator.



4. Connect the short tubing to the nozzle on the cooler.



FIGURE 3

5. Connect the tubing from the flow gauge to the tube on the underside of the pump box.

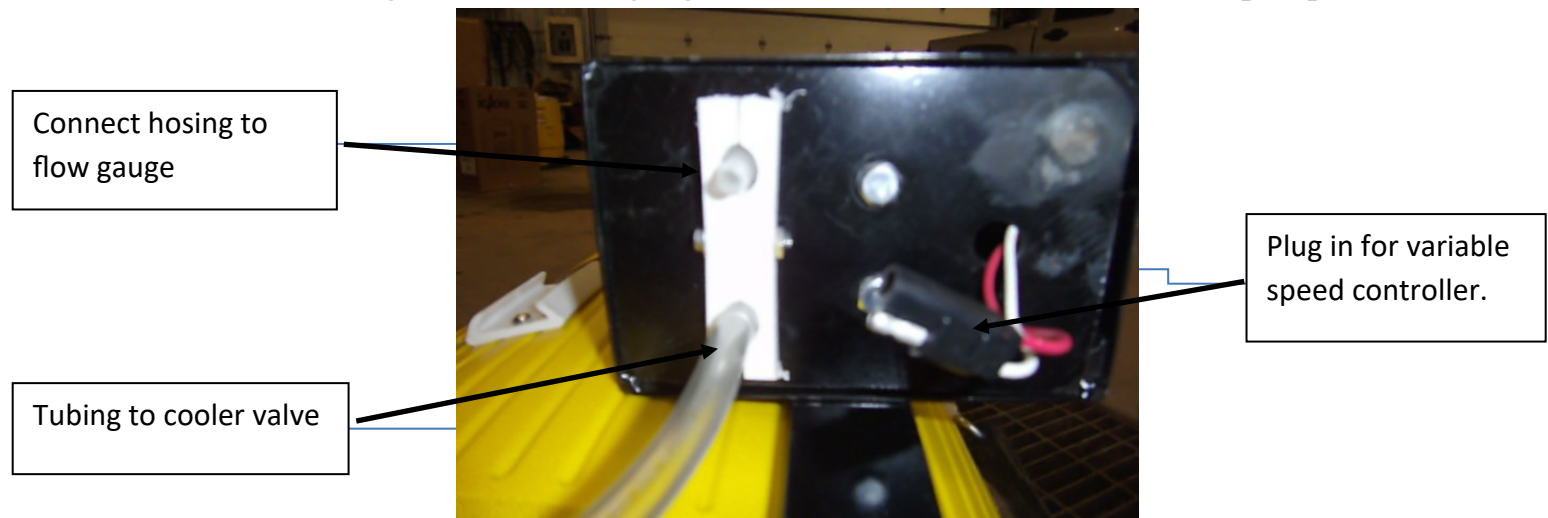


FIGURE 4

6. Mount the frame within easy sight of the operator. Make sure the operator can see the flow gauge. The right fender of a self-propelled chopper is recommended.

7. Mount the hose and bracket so that it will spray directly onto the feed. When running tubing, make sure it is out of the reach of all moving parts. Secure the tubing with zip ties.

8. Mount the variable speed controller within reach of the operator.

9. Connect the speed controller to the plug on the bottom of the pump box. See FIGURE 4

10. Connect the power cord to a **12 volt** power source. Make sure the red is connected to positive and black to negative.

11. Fill the tank with water and turn on the system to make sure everything works. If there are problems, please see the troubleshooting on page 5.

# CHANGING THE PUMPING TUBE

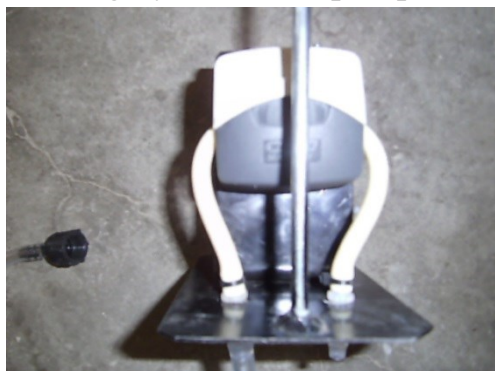
1. Turn off the power source.
2. Unscrew the wing nuts on top of the pump box.



3. Push down on the screws until the pump and base plate come out the bottom of the pump box.



4. Flip open the grey lid on the pump.



5. Unscrew the bracket holding the pumping tube ends through the base plate.



Unscrew to release  
pump tube

6. Insert the new pumping tube. Replace the bracket holding the end through the base plate.

7. Make sure the lid on the pump is firmly shut. It will slightly resist. This is necessary for the pump to work.

8. Replace the pump and base plate back in the pump box. Tighten the wing nuts firmly.

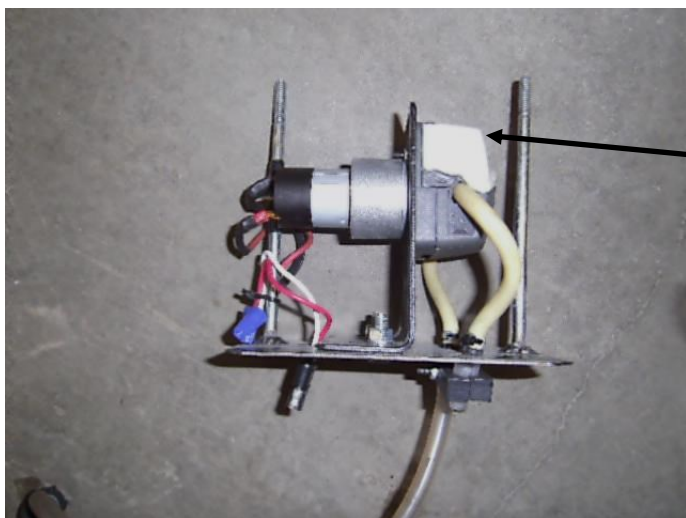
9. Reconnect the tubing and turn on power source.

# TROUBLESHOOTING

IF:

TRY

There is no power to the system	You may have a bad connection. Make sure the plugs are clean and secure. Be sure the pump wires are firmly attached.
The light in controller should be on. If it's not on there is no power to the controller.	Make sure the power connections are wired to the correct connections. Positive to red or white, negative to black.
	Make sure the power source is switched on.
The applicator worked for a while, but no longer pumps.	You may need to replace the pumping tube. See the directions on next page.
If the pump runs, but is blowing bubbles in the tank.	The applicator was wired wrong at the power source. Switch the red and black wires around.
If the pump runs, but does not pump or is pumping backwards.	Make sure the pumping tube is firmly in the pump. Unscrew the wing nuts from the top of the pump box. The grey lid should be firmly shut. See Figure 5.
	The pumping tube may be worn out. See the directions on page 6 for changing pumping tubes.
	The hoses to pumping tube are on backwards.



This lid should be firmly shut.

FIGURE 5

## Calibration and Harvest Rates

Determine how fast you are harvesting. Take the tonnage and divide by the minutes to harvest. EXAMPLE: If it takes 4 minutes to fill a 12 ton wagon = 3 ton per minute.

## Multi-Sile II Mixing Directions

1 gallon treats 100 ton. Use 4 scoops of inoculant per gallon of water. Use 5 gallons of water per 500 ton jar of inoculant. Do not use chlorinated or peroxide treated water. All product must be used up with 48 hours of mixing. 10 gallons treat 1000 ton



## Pro-Siler Mixing Directions

- One gallon treats 100 ton
- Once mixed with water, inoculant must be used within 48 hours
- One jar mixed with 5 gallons of water will treat 500 tons
- Two jars mixed with 10 gallons of water will treat 1000 tons

Set the flow gauge at tons per minute that you are harvesting.

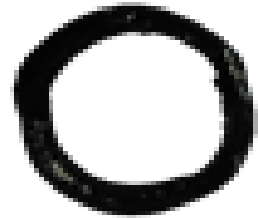
# Valve Assembly



Label	Description
A	Screen
B	Elbow w/ Nut
C	Gasket
D	Bushing
E	Reducer
F	Ball Valve
G	Elbow
H	Enlarger
I	Hose Barb
J	Nut

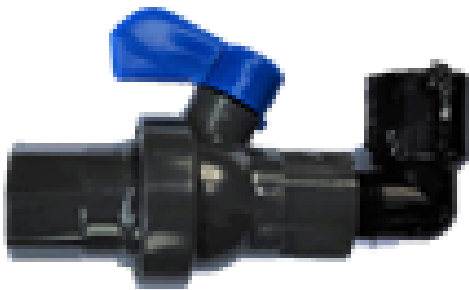


PART A



PART B

PART C



PART F

PART G

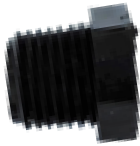


PART H



Inside of Pro-Siler

Outside of Pro-Siler



PART D



PART E



PART I



PART J

*Also Available:*



## *Pro-Siler* **MAX**

**Treats 2000 tons with 1 fill**

- SIGHT GAUGE ON TANK
- STURDY METAL PUMP BOX
- TREATS 2000 TON ON 1 FILL
- 350 RPM CUSTOM DESIGNED PUMP
- TWO 10 GALLON INSULATED TANKS
- HIGHER AMPERAGE OUTPUT FOR MAXIMUM COVERAGE
- 1 YEAR WARRANTY ON PARTS AND LABOR