

2010



Equipment Catalog

Table of Contents

Application Equipment	3
Truck Units	4
1000 & 2000 gallon.....	4
730, 525, & 300 gallon.....	5
Pre-Wet Units	6
Tail Gate Units	7
Booms.....	8
3pt. Utility Units	9
ATV Units	10
Controllers	11
Storage Products	12
5000 GLS System.....	13
Poly Storage Tanks	13
Poly Truck Tanks.....	14
Brine Makers	15
Brine Batch Maker.....	16
Thank You.....	18

De-ice Equipment Sales

Wayne Harris

Cell: 765-969-6299

Email: wayneharris@deiceproducts.com

Application Equipment



Truck Units

1000 & 2000 gallon



The 1000 and 2000 gallon de-ice units are made to slide into a dump truck or similar size vehicle. As you can see in the picture these units come with a stand that folds and unfolds as the unit is slid in and out of the truck. This particular unit has a hydraulic

driven pump that runs off of the trucks hydraulics. Also included is either a 96" or 80" boom to apply the liquid to the road surface. The boom can be equipped with either drops or nozzles depending on the surface to be covered. To make filling quick and easy a 2" quick fill port is added to the tank. This unit comes standard with a SCS 11 controller but can be upgraded to a DCS 400.

Options

Pump

5.5 hp Honda w/ 2" poly banjo
8.5 hp Honda w/ 2" poly banjo w/ electric start
Ace hydraulic driven pump

Boom

96"
Or any other width

Controller

SCS 11
DCS 400

Truck Units

730, 525, & 300 gallon

The mid-size truck line includes a 730, 525, and 300 gallon unit. These units are on a steel 3 inch channel frame with stainless steel banding to hold the tanks in place. The base model includes a 5.5 hp Honda engine with a 2 in poly banjo pump, a 96" receiver boom, and a SCS 11 Raven controller. The boom includes flood jet nozzles for low traffic areas and drops for high traffic areas. The unit has a 2" quick fill port for filling from a tank or larger truck. To make sure the pump stays clean of debris there is an inline strainer.

Options

Pump

5.5 hp Honda w/ 2" poly banjo
8.5 hp Honda w/ 2" poly banjo w/
electric start
Ace hydraulic driven pump

Boom

96"
Or any other width

Controller

SCS 11
DCS 400



Truck Units

Pre-Wet Units



This pre-wet unit is designed to slide beside a salt applicator in the bed of a smaller truck. This unit will apply a small amount of product to the salt to help it react quicker with the ice and snow. The tank is a Snyder PCO tank and comes in multiple sizes to fit your particular needs. This unit comes with a john-blue 12 volt electric pump and a rheostat in the cab to adjust the flow of the product. It comes with a quick fill to make refilling the tank a quick process.

Truck Units

Tail Gate Units



One of the most popular units has become the tailgate unit. This unit attaches to the tailgate of a salt truck and allows liquid de-icer to be applied to the salt as it hits the spinner. By doing this the salt is quicker to react with the ice and snow to help it melt. This unit comes with a john-blue 12 volt electric pump and a rheostat in the cab to adjust the flow of the product. These tanks are custom built out of 1" poly to with stand the abuse that they take from being attached to the back of a salt truck.

Truck Units

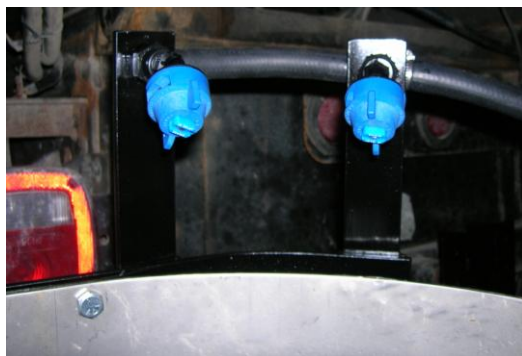
Booms



To make sure the de-ice product gets to the surface to be treated correctly we offer several different setups. The picture above shows a standard 96" boom with either nozzles or drops. The nozzles work better in areas with less traffic because of complete coverage of the area, such as driveways and parking lots. The drops work better in areas of high traffic, since the traffic can spread out the product. The drops do require the use of less product but there has to be enough traffic to spread out the product. The upper right picture shows a nozzle setup and while the lower right picture shows a drop setup and how it attaches to the boom. Booms can be customized to any width to suit your needs.



Another way is to treat the salt before it hits the roadway. The picture below shows two nozzles that pre-wet the salt as it falls from the truck and hits the spinner. By pre-treating the salt this way it allows the salt to work quicker in icy conditions.



3pt. Utility Units

This 55 gallon 3pt unit is for the back of a small utility tractor. The unit comes with a 3 point hook up for the tractor and a pto driven hydro pump. The pump is a hydro 6500 series roller pump with a 540 adapter. Also included is a hand wand and a boom on the back of the sprayer. The boom can be plumbed in different widths depending on the area to be covered. It can also be equipped with either nozzles or dribble hose for application of different areas. There is a manual shutoff for the boom and a manual pressure adjustment to get the correct amount of product on.



Options

Boom

7' or 12'

Hand gun

TriggerJet (pictured)

43LAL6

JD9-C

Controls

Manual (pictured)

SCS11

DCS 400



ATV Units



The ATV units are a skid sprayer that will fit into the bed of most ATV type machines. They come with a 55 gallon tank, regulating valve, return line and your choice of either a gas or 12 volt electric pump. The 12 volt electric pump unit is pictured. This unit also comes with a hand wand and 20' of hose for spraying hard to reach areas. On the back of the sprayer is your choice of a 12' or 7' boom. Like the 3pt unit this boom is capable of having spray

nozzles or drops installed on it. The unit pictured has manual controls on it to regulate the flow of product but a Raven SCS 11, or DCS 400 can be added for addition control options.

Options

Boom

7' or 12'

Hand gun

TriggerJet (pictured)
43LAL6
JD9-C

Controls

Manual (pictured)
SCS11
DCS 400

Pump

3.5 hp briggs with hypro 4100 roller pump
Flowjet 12 volt



Controllers



Along with a manual control system we offer 2 other types of product control. They are the Raven SCS 11 and the Raven DCS 400. The SCS 11 give the driver the ability to change the pressure and turn the boom on and off from inside the cable. This system basically allows a manual system to be controlled from the cab.

The DCS 400 is an automated rate control system. Not only can you use it to turn the boom on and off but it will also change the rate as the speed of the vehicle changes. As the speed increases the controller will automatically increase the flow to the boom and when vehicle slow just the opposite will happen. The DCS 400 also allows multiple



rates to be programmed for different road conditions. This system also gives a blast option which will allow the drive to add extra product in severe conditions.

Storage Products



5000 GLS System

The 5000 GLS Storage system comes with 2 2500 gallon poly tanks, a 2" pump, and 100' of hose. You have the choice of a 2" poly pump with either a gas engine or electric motor. Each tank has 2 valves in them so that they can be agitated with the pump by simply changing connections. For more storage extra tanks can always be added.



Poly Storage Tanks



If the 5000 GLS storage system is not right for you we have a full line of Snyder poly storage tanks, sizes range from 50 to 10,500 gallons. Just ask the salesman and they would be happy to customize a storage system to fit your needs. All tanks include a 2" or 3" tank fitting. Also the poly storage tanks have a specific gravity design of 1.5

which is suitable for storing products up to 13lb per gallon products.

Poly Truck Tanks



We also carry a full line of horizontal nurse tanks for all sizes of trucks. Our nurse tanks range in size from 3200 gallon to 300 gallon. With this range in sizes we can supply a tank to fit your truck and transportation needs.

As you see in the pictures the tanks also come with a 2" or 3" fitting. Also metal hoops are included to hold the tanks in place.



Brine Makers



Brine Batch Maker



Brine Batch Maker

This batch maker pictured makes 1000 gallon of salt brine at a time. It is made of 1" thick poly for strength and durability. The top of the tank is open so salt can easily be dumped in from a loader. The tank has internal tubing to insure an even and complete mixture of the salt and water. Once the tank is full of water and salt it will take approximately 45 minutes to completely mix. The 3 valves shown are for filling, mixing, and then removal of the brine from the tank. The heavy duty construction allows for the tank to be tipped over on its side for easy clean up.



In addition to the brine maker a 2" pump is required to circulate the product and pump it to some type of storage facility. Also a good source of water will be needed because the total time to make a batch depends not only on the mixing time but also on the time it takes to fill the batch maker.

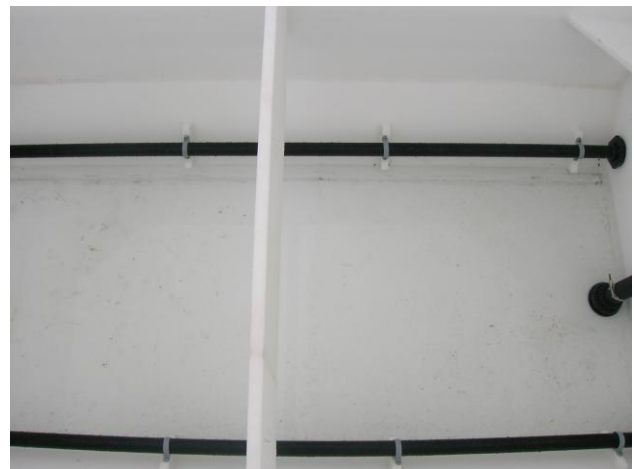
Batch makers can also be customized in size to fit your brine needs.

Pictures

Top right: End view of brine tank

Middle left: Inside view of tank

Bottom right: Inside view of agitation tubes.



Thank You

We would like to take this space to thank you for considering Deice-Products for your liquid de-ice needs. We are always looking for ways to improve our equipment so it better suits your needs. If there is something not represented here that you would like to see or a need please contact one of our sales staff and they will gladly help you design equipment to meet your exact needs.

De-ice Equipment Sales

Wayne Harris

Cell: 765-969-6299

Email: wayneharris@deiceproducts.com

