

ULTIMATE 2200 DEICING / ANTHICING SYSTEMS



Bring Added Efficiency to Your Deicing/Anti-icing Operation

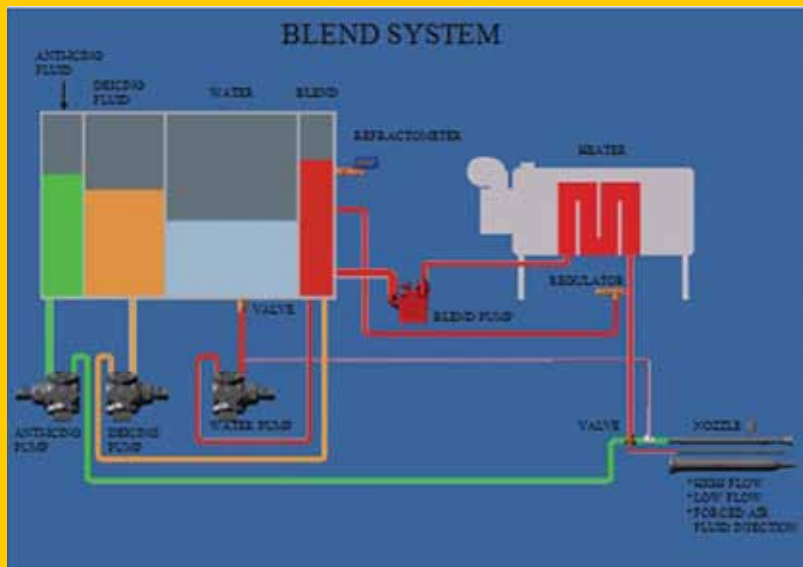
Airports waste millions of dollars each year in excessive use of glycol because the mix percentage is set to meet the worst-case scenario of -35°F.

PREMIUM BLEND – IN TRUCK BLENDING

- Uses a patented 4 tank blend system with a in-line refractometer to guarantee mix ratio accuracy.
- Final blend passes through heater allowing maximum deicing fluid temperature.
- Save money with reduced fluid usage.
- Automatically adjust glycol percentage mix on-the-fly based on outside temperature.
- Stop worrying about freeze ups with a closed loop system that automatically purges internally at shut off and an insulated water tank.
- Start quickly with instantly heated deicing fluid.
- Customize the mix percentage to meet your operational needs.

An optional Automatic system actually calculates what the mix percentage should be, based on outside temperatures, and makes adjustments to ensure the strictest government regulations, and safety guidelines, are met at all times.

The system automatically purges itself 10 seconds after shut-down. A ball valve closes the line to the water pump. Water pipes, and pump, are filled with neat deicing fluid to prevent freezing. All other systems (pumps, lines, heater, etc) are purged with a 50/50 glycol mix.



Innovation has helped make Global Ground Support the leading manufacturer of deicing/anti-icing systems in the world. Consider how the Global advantage can save you time and money, while enhancing efficiency and safety.

AIRPLUS® FORCED AIR DEICING

- Reduce glycol usage up to 90%
- 750 + MPH @ 11 PSI
- 1350 CFM
- Save money with reduced fluid usage.
- Save time and increase productivity.
- Extend time intervals between fluid resupply.
- Meet varying demands with different fluid/air mixtures.
- Protect the environment by reducing, or possibly eliminating, the use of glycol.
- Approved for use with both deicing and anti-icing fluids.

APPLICATION GUIDE

	Light Fluffy Snow	Light Frost	Heavy Frost	Freezing Rain	Light to Medium Dry Snow	Heavy to Medium Dry Snow	Heavy to Medium Wet Snow
Air 	●					●	●
Injection Air 		●	●			●	
Fluid 			●	●			●
Fluid Over Air 				●			●
Low Flow Type 1 			●	●	●		

Velocity - Breaks Contamination Loose
Volume - Moves Contamination Away

by Adding These Options

SINGLE OPERATOR

The Global Single Operator system is designed with ease of use in mind. Our system utilizes a single joystick for both Boom Operation and Driving. Joystick function is switched using a toggle switch on the left armrest. The biggest advantage is that the Operator never needs to move his hands from the joysticks or use a 3rd joystick.

- Get more done with fewer people.
- Save on labor expense.
- Streamline operations.
- Gain flexibility.
- Respond more quickly to changing conditions.
- Can be used in 2-man operation whenever necessary.

Control everything with joystick controls in the enclosed cab.

- Reposition the vehicle.
- Raise, lower and rotate the boom.



ENCLOSED CAB

- Improve operator safety with the use of a heated enclosed cab.
- Improve quality of work with a more comfortable work environment.
- Enhance quality of work with improved visibility
- Increase employee productivity by keeping them warm and dry
- Allows operators to get closer to surface being deiced.

3-BARREL NOZZLE

- High flow deicing/anti-icing
- Low flow deicing
- Air Plus
- Air Plus with fluid injection
- Air Plus with high flow
- Air Plus with low flow



STANDARD SPECIFICATION

ULTIMATE 2200 TE

Fluid Capacity	2200 gal. (8,316 litres)
Typical Chassis*	Freightliner
Working Height	47' (14.33 m)
Open Basket Capacity	2 man 450 lbs (204 kgs)
Heater	3.4M BTU
Fluid Tanks	1900 gal (7192 litres) Deicing; 300 gal (1135 litres) Anti-icing
Auxiliary Engine	Deutz 4 cylinder
Weight empty	28,700 lbs (13,018 kgs)
Rotation	370° non-continuous

PUMPING SYSTEMS – DEICING

Flow Rates	60 gpm (227.1 lpm)
Pressure	150 psi (10.3 bar)
Fluid Tank Capacity	1900 gal (7,192.3 L)

PUMPING SYSTEMS – ANTI-ICING

Flow Rates	20 gpm (75.7 lpm)
Pressure	50 psi (3.4 bar)
Fluid Tank Capacity	300 gal (757.1 L)

SPEEDS

Maximum w/tanks full	25 mph (40.2 kph)
Maximum w/boom unstowed	4 mph (6.4 kph)

WEIGHTS - GVWR

Front Axle	12,000 lbs (5,443 kg)
Rear Axle	23,000 lbs (10,432 kg)
Total	35,000 lbs (15,875 kg)

OVERALL DIMENSIONS

Height – Stowed	12'-8" (3.9 m)
Width	8'-4" (2.54 m)
Length – Stowed	38'-2" (11.58 m)
Wheelbase	186" (4,724 mm)
Turning Radius	33'-4" (10.16 m)
Fuel Capacity	205 gal (773 L)

* Chassis shown on cover is optional



XR EXTRA REACH OPTION

- **No Stabilizers**
- Maximum working height - 57 feet (17m)
- Deice vertical stabilizer of WB Aircraft with engines running
- Longest side reach
- Deice up to 95 foot radius when equipped with AirPlus® forced air system.
- Cover more area in less time.
- Commercial tandem rear axle chassis.

Upon Request:



ISO 9001:2008-
certified quality
management system



GLOBAL

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