

**Ground Support Specialists**

# ***“International Series” Aircraft Deicers***

## **Driving the Future**



### ***Key Features:***

***Dedicated Custom Chassis***

***800, & 1200 Gallon Capacity  
3027 & 4541 L Capacity  
(Type I & IV)***



***Mini-Max***

***“Quick Heat System”  
980,000 BTU 12V***

***Joystick Controls***

***Advanced Can Bus  
Control System***

***Single  
De-Ice/Drive Diesel  
(Swing out Module)***

***Up to 34'6”  
10.52m  
Working Height***

***“Economy & Simplicity”  
A Unique Concept in De-Icing***

**Simply Designed**

***for***

**Economy,  
Durability,**

**Ease of Operation,  
Ease of Maintenance**



# GSS International Series DeIcer's

*A Simple, Economical Approach to De-Icer's*

| VECHILE SPECIFICATIONS        | GS 800                        | GS 1200                       |
|-------------------------------|-------------------------------|-------------------------------|
| Fluid Tank (Type 1)           | 600 US gal. (2271 L)          | 1000 US gal. (3784 L)         |
| Fluid Tank (Type 4)           | 200 US gal. (757 L)           | 200 US gal. (757 L)           |
| De-Icing Fluid Pump           | Myers I2C-20                  | Myers I2C-20                  |
| Anti-icing Fluid Pump         | Hardi Rotary Pump 363         | Hardi Rotary Pump 363         |
| Fluid Delivery (Type1)        | 20-30GPM(76-114L) / 150 psi   | 20-30(76-114L)GPM / 150 psi   |
| Fluid Delivery (Type4)        | 20 GPM (76L) / 50 psi         | 20 GPM (76L) / 50 psi         |
| Heater: GSS <i>"Mini-Max"</i> | 12 VDC. 980,000 BTU           | 12 VDC. 980,000 BTU           |
| <i>Quick Heat System</i>      |                               |                               |
| Pre-Heat to Deice Time        | Approx 12 min.                | Approx 20 min.                |
| Chassis:                      | Custom to Spec.               | Custom to Spec.               |
| Drive System                  | Hydrostatic / Dynamic Braking | Hydrostatic / Dynamic Braking |
| Engine                        | Caterpillar Diesel            | Caterpillar Diesel            |
| Fuel                          | Diesel / 50 gal. (189 L)      | Diesel / 50 gal.(189 L)       |
| Maximum Speed                 | 20 mph (32km/hr)              | 20 mph (32km/hr)              |
| Max Deicing Speed             | 3 mph (5km/hr)                | 3 mph (5km/hr)                |
| Aerial Device:                | Articulating Boom             | Articulating Boom             |
| Max Working Height            | 32ft.(9.8 m)                  | 34 ft.6 in.(10.5 m)           |
| Dimensions:                   |                               |                               |
| Length                        | 23 Ft. 4 In. (7.1 m)          | 25 Ft. 4 In. (7.7 m)          |
| Width                         | 7 Ft. 4 In. (2.2 m)           | 7 Ft. 8 In. (2.3 m)           |
| Wheelbase                     | 9 Ft. 3 In.(2.8 m)            | 11 Ft. 3 In. (3.4 m)          |
| Height (Boom Retracted)       | 9 Ft. 7 In. (2.9 m)           | 10 Ft. 3 In. (3.1 m)          |
| GVW Empty Tanks               | 9600 lbs. (4355 kg)           | 13,500 lbs. (6124 kg)         |
| GVW Full Tanks                | 15,800 lbs. (7167 kg)Cal      | 24,800 lbs. (11249 kg)Cal     |

## Optional Equipment

- Deutz BFR4L2011 Diesel
- Cummins 3.3 Diesel
- In Cab Flow Meters
- Type IV Suction Fill System
- Fire extinguisher mounted on unit
- Full body safety harnesses.

## Safety Features

- Emergency stops in cab and basket.
- Emergency hydraulic pump control in basket and ground control station
- Boom control in basket and ground control station.
- High Speed Cutout When Boom is Raised
- Driver/Passenger seat belts.



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