

Ground Support Specialists, L.L.C.
GS Series Domestic
Aircraft Deicers

Driving the Future



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



**DESIGNED FOR
COMMUTER & NARROW BODY
AIRCRAFT
*Up to 34'6” Working Height***

Key Features:

Dedicated Custom Chassis

*800, & 1400 Gallon Capacity
(Type I & IV)*

GSS

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

Joystick Controls

*Single Diesel Engine
(Swing out Module)*

Model GS Series De-Icer's

A Simple, Economical Approach to De-Icer's

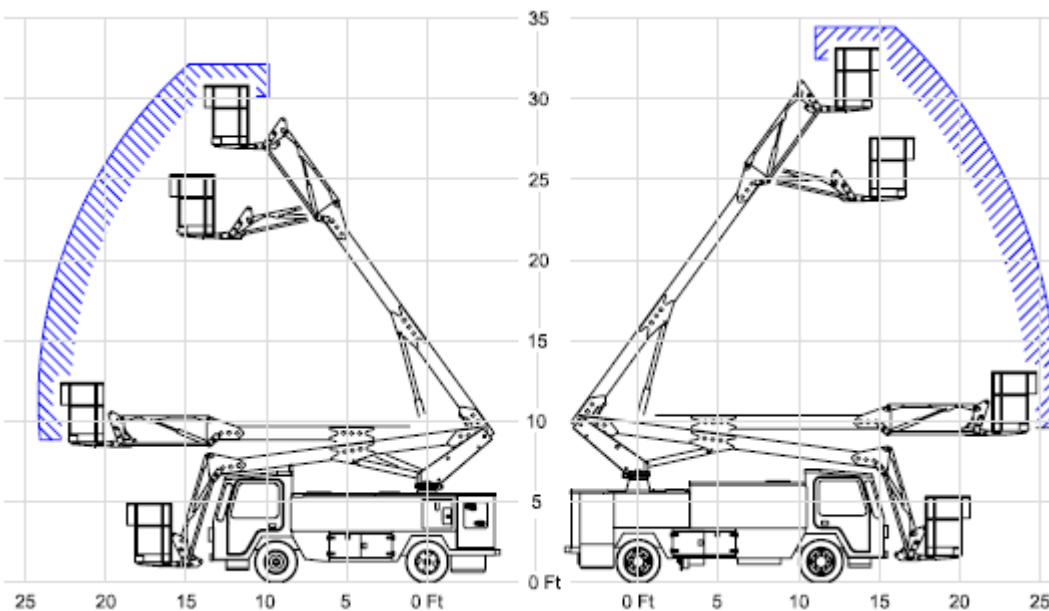
| VEHICLE SPECIFICATIONS | GS 700 | GS 1400 |
|--|-------------------------------|-------------------------------|
| Fluid Tank (De-Ice) | 600 US gal. | 1200 US gal. |
| Fluid Tank (Anti-Ice) | 200 US gal. | 200 US gal. |
| De-Icing Fluid Pump | Myers I2C-20 | Myers I2C-20 |
| Anti-icing Fluid Pump | Hardi Rotary Pump 363 | Hardi Rotary Pump 363 |
| Fluid Delivery (De-Ice) | 20-30GPM(76-114L) / 150 psi | 20-30(76-114L)GPM / 150 psi |
| Fluid Delivery (Anti-Ice) | 20 GPM (76L) / 40 psi | 20 GPM (76L) / 40 psi |
| Heater: GSS "Mini-Max" | 12 VDC. 980,000 BTU | 12 VDC. 980,000 BTU |
| Quick Heat System 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 | Perkins 404D Diesel | Perkins 404D 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

- Caterpillar 2.2 Diesel
- Cummins 3.3 Diesel
- Hardi 363 De-Icing Fluid Pump
- Type IV fill system
- In Cab Flow Meters
- Fire extinguisher mounted on unit.
- Full body safety harnesses.
- Dual Heater Option
- Frost Gun
- Remote Tank Level Gauges

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.



Ground Support Specialists

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Video available
 at
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