



Ground Support Specialist, LLC

GS 1400SG Series *Aircraft Deicers*



Simply Designed
for
Economy,
Durability,
Ease of Operation,
Ease of Maintenance

Key Features:

Dedicated Custom Chassis

1400 Gallon Capacity

4541 L Capacity

(De-ice , Anti-Ice & Forced Air)

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



Mini-Max

“Quick Heat System”

980,000 BTU 12V

Joystick Controls

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

Up to 40 ft. (12.2 m)
Working Height



Specifications subject to change without notice



Model GS Series SG Deicers

A Simple, Economical Approach to Deicers

VEHICLE SPECIFICATIONS	GS 1400SG
Fluid Tank (Type 1)	1200 US gal. (3784 L)
Fluid Tank (Type 4)	200 US gal. (757 L)
De/Anti-icing Fluid Pump	Keen Pump/Hardi Pump
Fluid Delivery (Type1)	20-30(76-114L)GPM / 150 psi
Fluid Delivery (Type4)	20 GPM (76L) / 50 psi
Heater: GSS "Mini-Max" Quick Heat System	12 VDC. 980,000 BTU
Pre-Heat to Deice Time	Approx 20 min.
Chassis:	Custom to Spec.
Drive System	Hydrostatic / Dynamic Braking
Engine	Perkins Diesel
Fuel	Diesel / 50 gal.(189 L)
Maximum Speed	20 mph (32km/hr)
Max Deicing Speed	4 mph (6km/hr)
Aerial Device:	Articulating Boom
Max Working Height	40 Ft. (12.2 m)
Dimensions:	
Length	30 Ft. 7 In. (9.3 m)
Width	7 Ft. 8 In. (2.3 m)
Wheelbase	11 Ft. 3 In. (3.3 m)
Height (Boom Retracted)	11 Ft. 2 In. (3.3 m)
Height (Boom Extended)	40 Ft. (12.2 m)
GVW Empty Tanks	14,400 lbs. (6124 kg)
GVW Full Tanks	25,700 lbs. (11249 kg) Cal

Optional Equipment

- Caterpillar Diesel Engine
- Enclosed Basket
- Forced Air System
- In Cab Flow Meters
- Full body safety harnesses
- Automatic Fire Suppression
- Additional Deice Spray Nozzle
- CE Certification

Safety Features

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



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**Video available
at**

www.gssonline.com