



S3000 GROUND HEATER



- Thaws Frozen Ground up to 4,500 sqft. per Application
- Cures Concrete at Ambient Temperatures Below 40 Degrees
- Cures All Placement Types up to 6,000 sqft per application
- Heats Cold Ground
- Provides Temporary Heat During Construction
- Provides Direct Hydronic Heat to Any Surface
- De-Ice Roofs and Countless Other Applications

Maison Concrete Placement Systems
949 Sumner Ave, Whitehall, PA 18052
Phone: (610) 821-1325 Fax: (610) 821-1326
www.maisonpumping.com





S3000 GROUND HEATER

The S3000 Ground Heater thaws frozen ground up to 4,500 square feet per application using 18" spacing. Concrete can also be cured at ambient temperatures below 40 degrees Fahrenheit. All types of concrete placements, such as slabs on grade, tilt-up walls, elevated slabs, footings, columns, poured walls, bridge decks, etc., can be cured up to 6,000 square feet per application using 24" spacing. The unit also heats cold ground and provides a temporary source of heat during construction. Direct hydronic heat can be applied to any surface that the heat transfer hose is applied, including water tanks and warm aggregate. The S3000 is also able to perform countless other temporary heating applications, such as de-icing roofs.

SPECIFICATIONS

	Without Generator	With Generator
Length	171 in. (434 cm)	171 in. (434 cm)
Width	79 in. (201 cm)	79 in. (201 cm)
Height	85 in. (216 cm)	85 in. (216 cm)
Weight (without fuel)	5,340 lbs (2,422 kg)	5,740 lbs (2,603 kg)
Weight (with fuel)	6,585 lbs (2,986 kg)	6,985 lbs (3,168 kg)
Gross Vehicle Weight Rating (GVWR)		7,139 lbs (3,241 kg)
Fuel Capacity		178 US gallons (674 liters)
Fuel (recommended) (See Section 4)		Diesel (winter blend)
Heat Transfer Fluid		90 US gallons (341 liters)
Heat Transfer Hose		3,000 ft [2 x 1,500 ft] (915 m [2 x 457 m])
Hose Reels		1
Circulation Loops		2

PERFORMANCE

Gross Heat Input from Fuel	280,000 BTU/H
Net Heat Output	240,000 BTU/H
Fuel Consumption (Burner On)	2.0 US gph (7.6 liters per hour)
Fuel Consumption (Genset and Burner On)	2.4 US gph (9.1 liters per hour)
Run Time	140 to 90 hours
Normal Operating Temperature	160° to 180°F (71° to 82°C)
Normal Hose Pressure	70 to 100 psig (483 to 689 kPa)
Pump, Fixed Displacement	2 @ 265 US gph
Thawing Capacity	up to 4,500 ft ² * (418 m ² *)
Curing/Heating Capacity	up to 6,000 ft ² * (557 m ² *)
Air Heating Capacity	up to 12,000 ft ² (1,115 m ²)

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