

Ground Heaters Inc.
Pioneering Heat Technologies

Add Heat Xchangers™
for temporary air heat!

E1100

Ground Heater™

Start to finish... all the heat you need!



- **Thaw ground - quickly, easily, and economically**
 - 1,100- 2,200 sq. ft., standard
 - up to 2,200 sq. ft. in 1/2 the time, with accessories
 - Varies based on soil conditions. Complete a Ground Heaters' Thaw Cost Estimate.
- **Cure concrete - in cold weather with confidence**
 - up to 2,200 sq. ft., standard
 - up to 6,600 sq. ft., with accessories
 - Varies based on application. Complete a Ground Heaters' Cure Cost Estimate.
- **Prevent frost - large areas, very economically**
 - up to 3,300 sq. ft., standard
 - up to 9,900 sq. ft., with accessories
- **Heat workspace - dry heat and fuel efficient**
 - up to 180,000 cu. ft., with accessories
 - Varies based on application. Ask your dealer for an Air Heat Cost Estimate.
- **Up to 115 hours run-time**
- **Engineered for reliable, trouble-free starts**
- **Easy to operate** • **Economical**
- **Dependable** • **Built Tundra Tough™**
- **87% heater efficiency - highest in the industry**

Add Optional Accessories to
Thaw Faster! Cure Larger Areas!
or Heat Workspace!

Hose Handling Systems
Easy use and storage of
additional Heat Transfer Hose.



Pump Pack
Thaw faster; provide uniform
heat for curing large areas of
concrete; single or dual.



Heat Xchangers™
Provides temporary air heat for
interior workspaces; 2 sizes.



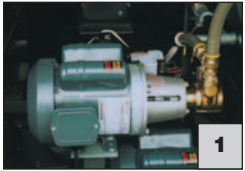
To heat larger spaces, ask
about our indirect air heaters!

MOST User-Friendly Design

1. **Flip 2 switches**
2. **Lay out the hose**
3. **Place vapor barrier & insulation**

That's it! No complicated manifolds. No valves to open or close. No hoses to connect. Why do it the hard way? Ground Heaters' long hoses allow easy, flexible setup for all applications.

It doesn't get any easier than a Ground Heater.™



E1100 Ground Heater™

Features

Positive Displacement Pump:

provides maximum flow and assures consistent heat delivery for thawing and curing. **One pump per hose loop** means more BTU's/Hr delivered to project than other hydronic heaters. Plenty of power to pump Heat Transfer Fluid **250 feet up** from Ground Heater, allowing Ground Heater to remain below cure site (such as a bridge deck).

1

Performance Monitoring Light:

strobe light indicates from a distance that all systems are operating properly. Can be connected to dialer, transmitter, or other remote alert device.

2

Digital Temperature Controller:

with push button adjustment. Allows operator to easily adjust Heat Transfer Fluid output temperature for all applications.

3

Gauge Dashboard:

All gauges are easily viewed in this "dashboard" design.

4

Optional Generator:

2800rpm Kubota liquid-cooled diesel, 3.5kw.

5

Other accessories:
Pump Pack
Heat Xchangers™

Benefits

Ground Heaters Deliver the Most Heat

1 pump per hose loop (fastest flow rate)

+ Highest net BTU's (super-efficient heater)

= Most BTU's to job surface
(for fast thawing and consistent concrete curing)

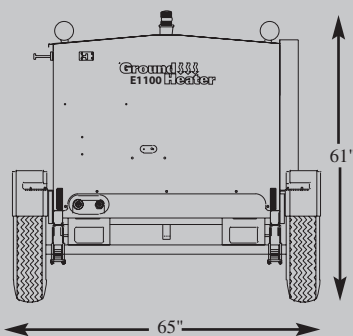
Based on years of testing and experience, Ground Heaters, Inc. produces the most efficient, durable, and user-friendly portable hydronic heating systems available.

Ground Heaters have changed cold weather construction *forever!*

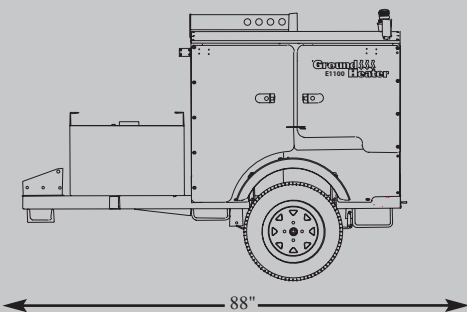
Thaw and cure large areas!

- Thaw up to 1 foot deep/day (dependent on soil conditions)
- Set, finish and cure concrete like it's summer
- Protect newly poured concrete from frost

Rear View



Side View



Specifications

Dimensions and capacities

(no generator/with generator)

Length - hitch assembly extended	114"
Length - hitch assembly folded	88"
Width	65"
Height	61"
Ground clearance	10"
Approx. weight w/o fuel	1,992 lbs/2,252 lbs
Approx. weight with fuel	2,456 lbs/2,716 lbs
Fuel capacity	72 US GAL
Heat Transfer Fluid	50 US GAL
Pump, 265 US GPH positive displacement	1
Hose	1,100 ft
Hose reel	1
Hose rewind	120V AC, w/ 12V DC clutch
Circulation loop	1
Tires	ST185/80D13
Hitch	2" ball
Lifting bar	yes
Fork lift pockets	both rear and sides

Performance

Heater, gross output	126,000 BTU/H
Heater, net output	110,000 BTU/H
Heater efficiency	87%
Temperature controller	digital
Fuel consumption at full load	.90/1.32 US GPH
Fuel requirement	winter blend diesel
Run time	up to 115 hours
Electrical requirement*	1 x 20 amps x 120V AC
Normal operating temp.	100°F - 180°F
Normal hose operating pressure	70 - 90 psi
HTF flow rate per loop	265 US GPH
Thawing capacity (standard)	1,100 - 2,200 sq ft
Thawing capacity (w/accessories)	2,200 - 3,300 sq ft
Curing capacity (standard)	2,200 sq ft
Curing capacity (w/accessories)	up to 6,600 sq ft
Frost prevention (standard)	up to 3,300 sq ft
Frost prevention (with accessories)	up to 9,900 sq ft
Air heat capacity (with accessories)	180,000 cu ft
Performance monitoring light	yes

Safety

Tie downs (for transport)	5
Ground fault interrupt	yes
Main circuit breaker	1
Burner motor thermal protection	auto reset
Burner ignition	electronic
High temperature shutdown	yes
No-flame shutdown	yes
Low fluid shutdown/warning light	yes
Vented closed loop circulation	yes
Hydronic heater operating pressure	0 psi
Temperature gauges	1
Pressure gauges	1

*when not using on-board generator

Your Ground Heater distributor carries a complete line of parts and accessories and will help you configure a Ground Heater system to best suit your needs.

The E1100 Ground Heater is CE certified, and complies with US NHTSA and Transport Canada regulations.

All specifications are subject to change without prior notice.

Sold and Serviced by:



Manufactured by:



www.groundheaters.com

See more heat technologies at www.groundheaters.com

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Ground Heaters...

the best solution for cold weather construction problems!

Call today for more information →

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