

GROUND THAW • CONCRETE CURE • HYDRONIC HEAT

FUSION 3000 HYDRONIC GROUND HEATER



ONE UNIT — THAW, CURE & HEAT

Product Features

- 280,000 BTU boiler with fuel pre-heater — 87% efficiency
- Thaws ground, cures concrete & delivers space heat from one unit
- 3,000 ft of heat-transfer hose (4 × 750 ft) on a direct-drive reel
- High / low-speed reel — forward, reverse & freewheel with soft start/stop
- 170-gallon tank for extended unattended runtime
- Wide 50°F – 190°F operating range
- Trailer-mounted with onboard generator

Applications

- Frozen-ground & soil thawing
- Concrete curing & freeze protection
- Frost prevention & ground prep
- Temporary job-site space heat

The Fusion 3000 is a trailer-mounted hydronic surface heater that thaws frozen ground, cures concrete, and provides job-site space heat from a single diesel-fired unit. A 280,000 BTU boiler circulates heated transfer fluid through up to 3,000 feet of hose, while the onboard generator and 170-gallon tank keep it running unattended for days at a time.

TECHNICAL SPECS

Boiler	One 280,000 Input BTU
Boiler Efficiency	87% (with fuel pre-heater)
Operating Temp	50°F – 190°F
Fuel	#1 Diesel
Fuel Capacity	170 gal (644 L)
Fuel Consumption	1.75 GPH (burner, full operation)
Heat Transfer Fluid	80 gal (303 L)
Heat Transfer Hose	3,000 ft (4 × 750 ft) × 5/8" ID
Circulation Pump	One 3/4 hp
Fill Pump / Reserve Tank	One / 15 gal (57 L)
Hose Reel	Direct drive, high/low, fwd & reverse
Weight (fueled, w/ genset)	8,295 lbs (3,174 kg)
Tongue Weight	1,075 lbs (488 kg)
Dimensions (L × W × H)	178.5" × 96" × 91"

COVERAGE & OUTPUT

6,000 ft²
GROUND THAW AREA

18,000 ft²
CONCRETE CURE AREA

234,000 BTU
SPACE HEATING OUTPUT