

FUSION 300

FLEX-TEMP

THE LEADER IN GROUND THAW EQUIPMENT

The Fusion 300 Flex-Temp

All in one portable workhorse

This unit is a site ready portable hydronic heating system with multi-task capabilities. It's equipped with undercarriage slots for crane or fork placement, and it's light enough to be towed by a pickup. A powerhouse priced for job site performance.

Choose the heat control you need

Thawing is controlled by fluid temperature from the supply side and the system can also cure concrete by controlling the fluid temperature from the return side of the unit.



Extra thawing capacity

- Comes with 4200 ft. of hose
- Freewheeling hose reel for smooth layout
- 2 speed control for hose take-up

In-line fuel pre-heater creates efficiency

- Adds approximately 4% fuel savings
- Assists boiler performance at higher altitudes
- Prevent gelling in extreme cold

Work duty hose reel

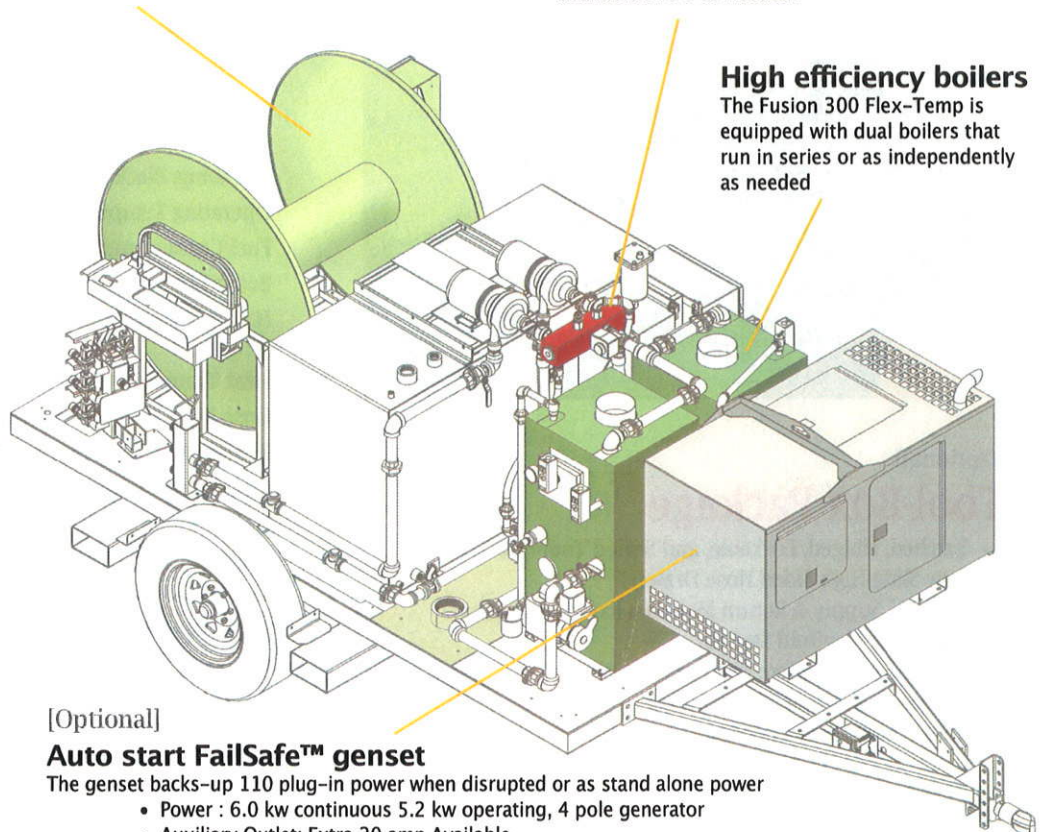
Motor and gearbox technology with electronic braking, freewheeling capability, two speeds forward and backwards. Oversized take-up reel allows for additional spooling room and holds 4,200 feet of hose.

Advanced heat control

Operator chooses supply or return temperature controlled through the mixing valve. The mix valve utilizes a return side control feature that applies available BTU's as needed.

High efficiency boilers

The Fusion 300 Flex-Temp is equipped with dual boilers that run in series or as independently as needed.



[Optional]

Auto start FailSafe™ genset

The genset backs-up 110 plug-in power when disrupted or as stand alone power

- Power : 6.0 kw continuous 5.2 kw operating, 4 pole generator
- Auxiliary Outlet: Extra 20 amp Available
- Fuel Consumption at full load, .5 gph
- 1800 rpm

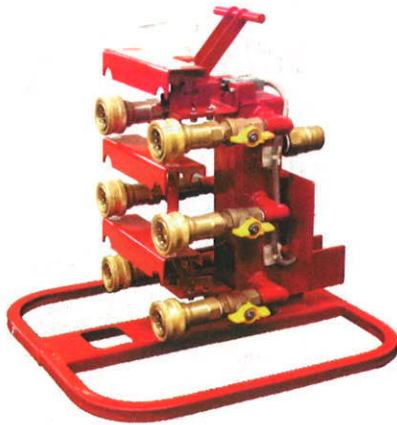
NEW!
Advanced
Temperature
Control

The Fusion 300
FLEX-TEMP

Safe, reliable & efficient

- Onboard Emergency Stop
- Electronic Sequenced One Touch Start-Up
- Flex-Temp Control Switch

The Fusion 300 **FLEX-TEMP**



Removable, Remote Manifolds

The Fusion 300's transportable manifolds (standard equipment) when removed from the enclosure can be positioned in your layout as a remote manifold. They are compact in design and easily handled by one person. If needed, there is a self contained (optional) extension hose stored in the tool-box. It allows for mobility in hard to reach places without stretching your linear layout.



[Optional]

Tool-Box Package

- Latched, Hinged, Lockable, and Sealed Tool-Box
- Easy-Slide High Sided Hose Drawer
- (2) 1.25" Supply & Return Manifold Extension Hoses
- 2 Remote Manifold Stands
- Includes All Couplers and Connectors
- Mounts to Front of Trailer Frame
- Genset Mounts to Tool-Box

Low Pressure Closed Loop System

Designed by Green Power technology the FUSION 300 FLEX-TEMP is the ultimate machine for thawing and concrete curing. It has been engineered to move heated fluid vertically or sideways on bridge columns, decks or other complex applications.

Two centrifugal type pumps and an added air separator are built into the closed loop system. This combination eliminates cavitation issues caused by kinked hoses or air bubbles from coupler connection points. The Fusion 300's low pressure system and active cut off keeps oxygen out thereby increasing the system's pumping and heating efficiency.

It's continuous operation actually means less maintenance. The closed loop system and designed technology makes The Fusion 300 Flex-Temp one of the most dependable pieces of equipment on the job keeping workers safe and assigned to the task at hand.

Specifications

Length: 176 in. (447 cm)

Width: 95 in. (241 cm)

Height: 89 in. (226 cm)

Weight: 7,890 lbs. (3,579 kg)
without optional generator, fully fueled

Weight: 8,640 lbs. (3,919 kg) *with generator*

Tongue Weight: 1,150lbs (521.64 kg)

Fuel Capacity: 185 Gallons (700.30 liters)

Fuel Requirements: #1 Diesel Fuel

Boilers: two 159,000 Input BTU *modulating on demand*

Plumbing: Black Pipe, No Copper

Operating Temperature: 50 - 190 degrees

Fuel Consumption at Full Operation: 2.2 gph

Boiler Efficiency: 87% (with fuel preheater)

Heat Transfer Hose: 4,200 ft. [6 x 700 ft.] x 5/8 in. ID
(1,280 m [6 x 213 m] x 16 mm ID)

Heat Transfer Fluid: 116.8 US gallons (442.13 liters)

Hose Reel: Two-Speed, *Oversized-soft start/stop*

Remote Manifold Connect: 50' Hose Standard

Circulation Pump: Two

Utility Pump: One

Reserve Tank: 14 gal. (53 liters)

Thaw Area: Up to 8,400 sq feet (780.385 m)

Space Heating: Up to 250,000 BTUs

Electrical: One 120vac, 20amp

Two 20amp with second pump use

Brakes: Electric



877-480-4588 green power technology.com 3027 7th Street South, Waite Park, Minnesota 56387