



## E1250

Hydronic Surface Heaters



### Simple, safe, and intelligent

The E 1250 was designed with the safety features you require and the simple, intelligent operation you desire. All operator interface points are conveniently located in the rear of the machine for simplified operation. Our new concrete cure mode simplifies the guesswork in maintaining proper concrete temperature, and our user-friendly control panel incorporates a watchdog circuit, E-Stop, and single point reset for the most common faults. All versions are telematics ready.

- The E 1250 is engineered for reliable performance and trouble-free starts with large 74 gallon fuel tank for up to 115 hours of run time at 87% efficiency. With thawing capabilities of up to 2,500 sq. ft. of frozen ground at an average rate of one-foot-deep per day\*, the E 1250 will set, finish and cure 2,500 sq. ft. of concrete or up to 7,500 sq. ft. with accessories (standard model only).
- Positive displacement pumps provide the pressure needed to deliver hot fluid to bridge decks, high-rises and other elevated applications. An integrated temperature sensor prevents cold starts to the pump, ensuring maximum pump longevity.
- Control panel includes large, low-voltage toggle switches, heated 5" backlit display for showing machine status, GFCI protection, and advanced diagnostics mode for quick troubleshooting. The optional telematics package allows for remote monitoring of the jobsite.
- The Basic model offers simplified operation with the performance you require at a value price. Features include convenient fork pockets and a 2" ball hitch for easy jobsite maneuverability, added simplicity of pre-warming and leak checking the hose while on the machine, and advanced diagnostics to minimize downtime.
- The Standard model includes a 4.2 kW Kubota powered liquid cooled generator with wet-stacking protection, 2-point lift bail, dual-color performance monitoring strobe light, rear expansion ports and digital sensing of fuel and HTF pressure. Additionally, the Premium model adds -40° package with in-line fuel heater, spill containment, upgraded pump, and upgraded trailer jack.

**\*\*Also available with factory installed Natural Gas/Propane burner. Burners are swappable for maximum jobsite convenience.**



## Technical specifications

	<b>E 1250B, Diesel</b>	<b>E 1250B, NG/LP</b>	<b>E 1250S, Diesel</b>	<b>E 1250S, NG/LP</b>
<b>Dimensions</b>				
L x W x H in	140 x 76 x 68	140 x 76 x 68	140 x 76 x 72	140 x 76 x 72
Operating weight lb	3,175	3,175	3,775	3,775
Shipping weight w/trailer (no fuel) lb	2,730	2,730	3,330	3,330
Heat transfer fluid Capacity US gal	54	54	54	54
Hose length ft	1,250	1,250	1,250	1,250
Quantity Hose reels	1	1	1	1
Quantity Circulation Loops	1	1	1	1
Temperature monitor	Digital	Digital	Digital	Digital
<b>Operating data</b>				
Flow velocity Heat transfer US gal/h	265	265	265	265
Hose pressure Normal Operating psi	110	110	110	110
Heating power Gross input BTU/h	140,000	140,000	140,000	140,000
Heat efficiency %	87	83	87	83
Operating temperature ° F	180	180	180	180
Capacity Thaw (std) ft <sup>2</sup>	2,500	2,500	2,500	2,500
Capacity Thaw (w/acc) ft <sup>2</sup>	0	0	3,750	3,750
Capacity Cure (std) ft <sup>2</sup>	2,500	2,500	2,500	2,500
Capacity Cure (w/acc) ft <sup>2</sup>	0	0	7,500	7,500
Capacity Frost prevention (std) ft <sup>2</sup>	3,750	3,750	3,750	3,750
Capacity Frost prevention (w/acc) ft <sup>2</sup>	0	0	11,250	11,250
Capacity Air heat capacity (w/acc) ft <sup>3</sup>	0	0	203,600	203,600
Current A	15	15	15	15
Rated voltage AC Voltage V	120	120	120	120
Engine / Motor manufacturer			Kubota Z602	Kubota Z602
Engine / Motor type			2-cylinder Liquid-cooled	2-cylinder Liquid-cooled
Displacement in <sup>3</sup>	0	0	36.55	36.55
Engine performance hp	0	0	16.8	16.8



	<b>E 1250B, Diesel</b>	<b>E 1250B, NG/LP</b>	<b>E 1250S, Diesel</b>	<b>E 1250S, NG/LP</b>
Engine RPM rpm			3,600	3,600
Fuel type	#2 winter blend diesel	LP/NG	#2 winter blend diesel	LP/NG
Fuel consumption Diesel US gal/h	1	0	1.18	0
Fuel consumption (natural gas) Burner ft <sup>3</sup> /h	0	140	0	140
Fuel consumption (liquid propane) Burner US gal/h	0	1.53	0	1.53
Tank capacity Useable US gal	68	68	68	68
Runtime at 100% h	68	68	68	68
Runtime at 75% h	90	90	90	90

	<b>E 1250P, Diesel</b>	<b>E 1250P, NG/LP</b>
<b>Dimensions</b>		
L x W x H in	140 x 76 x 72	140 x 76 x 72
Operating weight lb	3,992	3,992
Shipping weight w/trailer (no fuel) lb	3,465	3,465
Heat transfer fluid Capacity US gal	54	54
Hose length ft	1,250	1,250
Quantity Hose reels	1	1
Quantity Circulation loops	1	1
Temperature monitor	Digital	Digital
<b>Operating data</b>		
Flow velocity Heat transfer US gal/h	265	265
Hose pressure Normal operating psi	110	110
Heating power Gross input BTU/h	140,000	140,000
Heat efficiency %	87	83
Operating temperature ° F	180	180
Capacity Thaw (std) ft <sup>2</sup>	2,500	2,500
Capacity Thaw (w/acc) ft <sup>2</sup>	3,750	3,750
Capacity Cure (std) ft <sup>2</sup>	2,500	2,500
Capacity Cure (w/acc) ft <sup>2</sup>	7,500	7,500
Capacity Frost Prevention (std) ft <sup>2</sup>	3,750	3,750
Capacity Frost Prevention (w/acc) ft <sup>2</sup>	11,250	11,250
Capacity Air Heat Capacity (w/acc) ft <sup>3</sup>	203,600	203,600



	<b>E 1250P, Diesel</b>	<b>E 1250P, NG/LP</b>
Current A	15	15
Rated voltage AC Voltage V	120	120
Engine / Motor manufacturer	Kubota Z602	Kubota Z602
Engine / Motor type	2-cylinder Liquid-cooled	2-cylinder Liquid-cooled
Displacement in <sup>3</sup>	36.55	36.55
Engine performance hp	16.8	16.8
Engine RPM rpm	3,600	3,600
Fuel type	#2 winter blend diesel	LP/NG
Fuel consumption Diesel US gal/h	1	0
Fuel consumption (natural gas) Burner ft <sup>3</sup> /h	0	140
Fuel consumption (liquid propane) Burner US gal/h	0	1.53
Tank capacity Useable US gal	68	68
Runtime at 100% h	68	68
Runtime at 75% h	90	90

**Please note**

that product availability can vary from country to country. It is possible that information / products may not be available in your country. More detailed information on engine power can be found in the operator's manual; the stated power may vary due to specific operating conditions.

Subject to alterations and errors excepted. Applicable also to illustrations.

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