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Hydronic surface heater HSH700

5000620243

[Home](#) >> [Catalog](#) >> [Products](#) >> [Heating](#) >> [Hydronic Heaters](#) >> [Hydronic Surface Heaters](#) >> [Hydronic surface heater HSH700](#)



Hydronic surface heater HSH700

Material number 5000620243

Hydronic surface heater for thawing frozen ground, preventing frost and curing concrete in sub-zero temperatures

Product details

- Large extended run time fuel tank
- Positive displacements pump provides maximum flow and assures even heat delivery.
- Digital temperature controller for easy adjustment of Heat Transfer Fluid (HTF) output temperature for concrete curing applications.
- Reliable on-board diesel generator for all electrical components
- Sturdy lifting bar allows for easy crane lifting to load/unload unit for jobsite placement.

Comes with

- Heater
- Trailer
- Operator's Manual

Technical specifications

Hydronic surface heater HSH700

OPERATING FLUIDS

Fuel specification	Winter Blend Diesel No. 2
Run Time (75 %)	83,0 std
Utilizable tank capacity	520,0 l
Fuel Tank capacity	539,0 l
Fuel Consumption with genset	8,4 L/Std
Fuel Consumption no genset	6,8 L/Std
Run Time (100 %)	62,0 std

MECHANICAL DETAILS

Length	5.502 mm
Gross Axle Weight Rating	3.000 kg
Width	2.046 mm
Height	2.316 mm
Operating weight	3.000,0 kg
Lift Bail - quantity	1
gross vehicular weight	3.346,0 kg

THERMAL - OUTPUT DETAILS

Capacity Thaw (Std)	204 m2
Capacity Thaw max. (w/acc)	816 m2
Quantity Circulation Loops, up	2
Capacity Thaw max. (Std)	408 m2
Capacity in concrete curing	409 m2
Capacity in concrete curing(A)	816 m2
Heat transfer fluid (HTF)	462 l
Hose pressure (normal operatio	6,2 bar
Throughput per loop	829 L/Std
Heat efficiency (H.Heat Value)	85,0 %
Heater, Net Output (H.HeatVa.)	63,00 kW

Heater, Gross Input(L.HeatVa.)	69,30 kW
Heat efficiency (L.Heat Value)	90,9 %
Heater, Gross Input(H.HeatVa.)	74,10 kW
Frost prevention (Standard)	1.228 m2
Number of Hose Reels	1

ELECTRICAL - OUTPUT DETAILS

Nominal current	10,00 A
Nominal voltage	230 V

ELECTRICAL SYSTEM

Main Circuit Breaker Rating	25 A
Temperature monitor	digital
Display Equipment	Performance monitoring light

ENGINE

Cooling	water-cooling
Engine type	Diesel engine
Cylinder capacity	479 cm3
Cylinder	2
Oil filling max.	1,90 l
Operating power	8,3 kW
Operating Engine speed	3.000 1/min
Engine Manufacturer	Kubota

CHASSIS

Brake	Surge brake
Hitch Type	Ball
Tires	195 R 14 C

ENVIRONMENT DATA

Operating temperature range	83 °C
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GENERATOR

Output frequency	50 Hz
Output voltage	230 V
Output current 1~	21,0 A
Gen. Rating 1~ (Cont.) [kW]	5,0 kW
Generator Manufacturer	Cummins Onan
Generator drive	Belt
Genset	yes

Please Note

This 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 started power may vary due to specific operating conditions Subject to alterations and errors expected. Applicable also to illustrations.

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