



HSH

Hydronic Heaters



Innovative technology for radical efficiency and optimized heating performance.

Wacker Neuson's hydronic ground and surface heaters are the most efficient and cost-effective solution for keeping your job on time even in cold weather conditions. Developed by absolute heater specialists with the focus on on-site usability and efficiency, these heaters offer easy and reliable operation. Climate conditions forcing construction sites to pause between fall and spring are a thing of the past. These mobile high-performance heat sources create ideal working conditions.

- optimized and consistent capacity utilization for your business
- reliable job scheduling all year round
- significantly lowered energy costs and environmental impact
- increased productivity of your employees due to optimum working environment and conditions

Heater competence to the last detail.



Enhanced safety

Secure operation due to flame detector, overheating protection and other safety functions.



Significant saving potential

Save time, resources and operating costs due to our highly efficient technologies.



Easy to transport

With the assembled trailers, integrated wheels, lifting lugs and forklift straps attached the heater can easily be transported to your construction site.



Range of products

Find the right heater for your projects amongst the range of performance variations.



Have an eye on your equipment

The HSH380 is can be equipped with telematic - the satellite-based locating and monitoring system from Wacker Neuson.

For more info click: www.wackerneuson.com/telematic

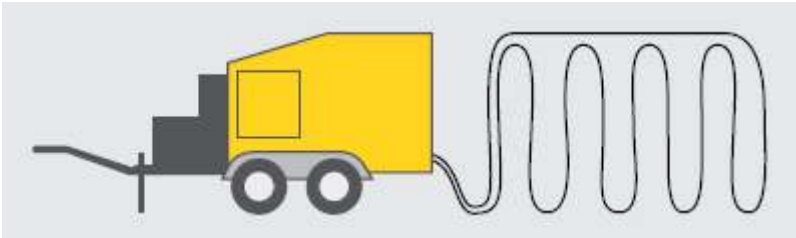


Awarded performance

Particularly economical or environmentally friendly products are labeled with the ECO seal.

Highly efficient, due to closed heating fluid circulation

Powerful burners heat up the heat transfer fluid that is being pumped through the heating circuit.



Hydraulic hose system for the circulation of heating fluid for:

- thawing of frozen ground
- curing concrete
- de-icing of pipes and machines



Technical specifications

	HSH 380 G (gas)	HSH 380 D (diesel)	HSH 650	HSH 700
Dimensions				
L x W x H mm	3,400 x 1,880 x 1,910	3,400 x 1,880 x 1,910	4,880 x 1,990 x 2,270	5,450 x 2,000 x 2,310
Weight (operating, with full tank) kg	1,799	1,799	2,950	3,346
Weight (shipping, no fuel, no trailer) kg	1,224	1,224	2,249	2,337
Weight of the generator kg	0	0	238	238
Operating data				
Heat efficiency %	0	87	91	91
Thawing capacity min. (standard) m ²	115	115	194	204
Thawing capacity max. (standard) m ²	230	230	388	409
Thawing capacity max. (with accessories) m ²	350	350	776	816
Capacity curing concrete (standard) m ²	230	230	388	409
Capacity curing concrete (with accessories) m ²	770	770	1,107	1,128
Capacity air heat (with accessories) m ³	5,765	5,765	9,684	10,194
Heat transfer fluid (HTF) l	204	204	462	462
Flow velocity per cycle l/h	836	836	829	829
Temperature monitor	digital	digital	digital	digital
Gross capacity heater kWh	37	41	69.3	69.3
Net capacity heater output kWh	0	36	63	63
Operating temperature from ° C	38	38	38	38
Operating temperature to ° C	82	82	82	82
Hose pressure from bar	0	0	4.8	4.8
Hose pressure to bar	0	0	6.2	6.2
Hose length m	380	380	650 (2x325)	700 (2 x 350)
Pump (Throughput speed per pump element) l/h	0	0	1,003	1,003
Quantity Pump elements	0	0	2	2
Electrical system				
Voltage V	230	230	230	230
Current A	10	10	2 x 10	2 x 10
Electrical prerequisites	1 x 16A x 230V 1~	1 x 16A x 230V 1~	2 x 12 A x 230 V 1~	2 x 12 A x 230 V 1~



	HSH 380 G (gas)	HSH 380 D (diesel)	HSH 650	HSH 700
Main switch			yes	yes
Burner ignition			electronic	electronic
Deactivation warning light at low fluid level			yes	yes
Fault current protective switch			yes	yes
Thermal overload protection for burner			manual resetting	manual resetting
Switch off when overheating			yes	yes
Ventilation when circulating in a closed circuit			yes	yes
Engine / Motor				
Tank capacity (fuel) l	280	280	435	568
Fuel type	Gas	Diesel	Winter blend diesel	Winter blend diesel
Fuel consumption at full load without generator l/h	5.8	4.7	6.8	6.8
Fuel consumption at full load with generator l/h	0	0	8.3	8.3
Runtime @ 100% h	68	68	50	62

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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