

# HeatWork®

industrial heating solutions

## HW 3600

**Hydronic heater for use all year round  
– everywhere!**



**HeatWork thaws  
twice as quick!**

.....

Ground thawing • Building heating/drying • Concrete work  
Hot water • Drying • Unblocking water channels and more



# HW 3600

**BESTSELLER!**

Hydronic heater for use all year round – everywhere!

## Mobile hydronic heater - 100°C

HeatWork's self-driven and mobile machines deliver 100°C hydronic heat, with an effectivity level of 94%. This is the most environmentally friendly and profitable thawing and heating solutions.

Easy to transport, set-up, hook-up and monitoring makes this machine one of a kind.

### Year-round operation – great potential

In the winter, its primary application is the thawing frost and snow, but HeatWork is also widely used for heating, drying and controlled setting of concrete. This is a machine with great potential.

In the summer season, HeatWork's machines have great opportunities with regards to water heating or as a heat exchanger on building sites, in events or other temporary jobs. It is also perfect for drying out or heating buildings/halls.

**HeatWork thaws twice as quick!**



*HeatWork is the leading manufacturer of ground thawers and frost prevention machinery in Europe!*



# HW 3600

Your best choice for cost-effective thawing and heating  
– the only one on the market with 100°C

## HW 3600 our bestseller, is one of a kind of thawing and heating

Three hose circuits allows for great flexibility of operation and optimizes the thawing process. The machine is great for thawing out larger areas, as well as for heating buildings, halls, etc. by attaching optional equipment.

The pump has a capacity of 3900 litres per hour and the water in the hoses holds 100°C, which allows for faster thawing.

- 103 kW
- Low weight - 1860 kg
- Automatic start, generator
- Can also run on AC power
- External reel for larger thaw area
- Produced in Norway
- High quality, long lifetime of our quality products
- Environmentally friendly, easy and reliable

- With our additional products you have great opportunities to use HeatWork all year!
- **NEW!** CliWi for use in building heating and temporary operation of water-based underfloor heating systems, among others.







**GROUND THAWING:** HeatWork the most environmentally friendly, cost-efficient and effective method for ground thawing.  
**WINTER INSULATION:** Specially developed with three layers of insulating material and a reflective aluminum coating, it provides a unique heat reflection from radiant heat. This is the ultimate winter mat for professional and private use, regardless of your needs.

**CONCRETE WORK:** HeatWork sets a new benchmark for concrete work – reduce curing times by 85%.

## Technical specifications - HW 3600

Weight	1860 kg
Pump capacity, max	3900 l/h
Number of pumps	1 x 3900
Primary system pressure	2-6 bar
Maximum heating effect	103 kW
Type of burner	Single stage
Technical heating efficiency factor	94%
Fluid temperature	0 -100°C
Fuel consumption	Average fuel consumption 3,5 l/h when thawing 200 m². Max 9,0 l/h constant burner operation
Diesel	Winter diesel, Arctic Class 2 / Biodiesel BF02G / EN 15940
Run Time (up to)	Up to 90 hours
Diesel tank capacity	320 liter
HTF-fluid	HW HTF-fluid
HTF-fluid* tank volume	About 50 liter
Fluid volume, heater hoses	0,25 liter/meter
Industrial HW-hose	Reinforced heater hose. Max. pressure 30 bar
Total length, heater hoses	630 m
Length, individual hoses per circuit	210 m
No of hoses	3
Electrical connection/energy consumption	230V/2600W
External fuel connection	Included
Service doors	4 doors for easy access when servicing

### Additional equipment:

- GSM-control monitoring ..... Receive alerts via SMS in the event of a problem
- GPS Track Unit..... GPS positioning and operating log (subscription required)
- Generator, soundproofed..... Cummins 4.8 kW, liquid-cooled 2-cylinder engine
- Automatic start, generator..... Generator starts automatically if mains power is interrupted
- Extra power outlet..... 16A outlet on power supply
- LED lights on mast..... LED floodlight. Practical and robust floodlight. Attached to the machine

\*HTF = heat transfer fluid.

## Thawing and heating capacity

Recommended thawing area, internal reel	Thawing: 0-200 m². Frost prevention up to 400 m
Rec. thawing area, incl. external reel, 2x315 m	Thawing: 200-400 m². Frost prevention up to 800 m
Max. no. of CliWi exchanger 200	6* - 12**
Max. no. of CliWi exchanger 300	4* - 9**

\* with full effect \*\* with greater heat distribution



### Compatible accessories:

CliWi heat box and CliWi heat cannon  
 CliWi 100 kW  
 Ice Guard Systems  
 Concrete Systems

# HeatWork

- the most environmentally friendly, economical and effective thawing solution on the market

Compared	Coal	Hot air	HeatWork
Thawing area	200 m <sup>2</sup>	20 m <sup>2</sup> *	200 m <sup>2</sup>
Heatloss	90%	85%	5%
Operating costs NOK pr m <sup>2</sup>	140	211	6,72
CO2 emissions per m <sup>2</sup>	60,8	70,2	2,23
Operating cost per unit, vs HW	20,8	31,5	1,0
CO2 emissions, kg/m <sup>2</sup> , vs HW	27,3	31,5	1,0

\* thawing an area of 20 m<sup>2</sup>, as it is not realistic to set up hot air machines to cover an area of 200 m<sup>2</sup>

## Premise:

Thawing time: 48 hours • Depth: 60-80 cm under normal conditions • Price of diesel: NOK 8 per litre •  
Price of coal: NOK 7 per kg • Average consumption: HeatWork: 3.5 l/h. Hot air: 11 l/h. Coal: 20 kg/m<sup>2</sup>

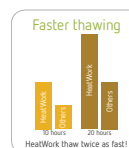
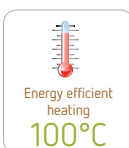
## HeatWork - best for the environment CO2 emissions per kg/m<sup>2</sup> during thawing:



**NEW!** CliWi - visit [www.heatwork.com](http://www.heatwork.com) for more information

## HeatWork - best for the environment:

- **Best for the environment!**  
93 % lower emissions than coal
- **Lowest operating costs** per m<sup>2</sup> thawed
- **The GSM unit** alerts the supervisor at home via text message if there is an anomaly
- **Closed system** – no other impacts on the environment, such as noise, smoke, etc.
- **Biodiesel** BFO2G / EN 15940
- **CliWi** - environmentally friendly heating
- **No open flame** - does not require a fire supervisor
- **Can operate unsupervised** for 3.5 days due to the integrated fuel tank
- **No clean-up** reconditioning when using Heatwork
- **Simpler set-up and disassembly** than the other methods





HeatWork headquarter and production site in Narvik, Norway – 3300 m<sup>2</sup> state of the art production facilities.

## For more than 15 years, HeatWork has produced and developed environmentally friendly solutions under the toughest conditions

HeatWork develops, manufactures and tests its machines in rough winter conditions, north of the Arctic circle in Norway. Technology and expertise are key components in the development of high-quality products and efforts to satisfy our customers' needs.

HeatWork strives to be at the forefront of technology development in our focus area. Our designs are characterized by high performance, high quality and user-friendliness.

More and more customers are finding new areas of application for HeatWork machines, year-round, all over Europe. Our developments are the result of patented technology and a strong focus on R&D. In addition, we always pay attention to the feedback we get from customers. Your opinion matters to us!

After many years of development, the patented CliWi technology was launched. HeatWork continues to offer hydronic heating solutions which is a sustainable solution in the GREEN SHIFT!

With our location in Narvik, we have one of Norway's best logistics hubs.



HeatWork provides technology that has earned EU's top score for energy efficiency.

*The new standard  
– expect only the **best!***

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