

# HeatWork®

industrial heating solutions

## HW 103 HH

**Specially developed for building heating, drying, concrete works, damage restoration, heat treatment, pest control...**



- ✓ 103 kW
- ✓ Mobile
- ✓ Low weight - 1600 kg
- ✓ Large pump capacity
- ✓ Remote control for start and stop
- ✓ Generator

# Building heating, drying, concrete works, damage restoration, heat treatment, pest control...



## HW 103 HH - hydronic heating - a specially developed machine

HW 103 HH is a specially developed machine with high capacity, low weight and many good adaptations to run small and large heat tasks for several industries. It is built to add large amounts of energy through CliWi products into buildings which has temporary heating requirements.

HW 103 HH is self-driven and mobile machines. It delivers up to 105°C of hydronic heat with an efficiency of 94%.

The machine with extra equipment is meant for work in construction, drying, damage restoration,

concrete, and pest control. The extra equipment includes heat exchangers, fans, hoses, insulation mats, wagons, etc.

HeatWorks machines use diesel or 2nd generation biodiesel to heat up the fluid circulating, and electricity for operation of the pump and control system.

Stepless regulation of flow temperature provides economical and flexible use. Easy transport, connection and wireless control make this machine unique.

### Examples of applications

- Building heating/drying
- Heat treatment of buildings, halls, apartments, objects
- Pest control
- Concrete Work
- Damage restoration



- ✓ The liquid circulates in a closed system
- ✓ Automatic stop function on the circulation pump
- ✓ Low weight - from 1150 kg
- ✓ Wireless start / stop
- ✓ Digital display flow temperature
- ✓ Drip-free couplings
- ✓ Large pump capacity
- ✓ Lifting height max 60 m

## Technical specifications HW 103 HH



Weight including diesel and generator	1600 kg
Weight excluding diesel and generator	1150 kg
Pump capacity, option 1	6000 v/3,2 bar
Pump capacity, option 2	9600 v/3,2 bar
System pressure normal operation	At start-up: 2-6 bar. During operation: 2-6 bar
Max. heating effect	103 kW
Type of burner	Singel stage
Technical heating efficiency factor	94%
Fluid temperature	Adjustable 0-105°C (Flow temperature)
Fuel consumption	Max. 9.0 l/h at constant burner operation.
Diesel	Winter diesel, Arctic Class 2 / EN 15940/Biodiesel BFO2G
Run time (up to)	Up to 90 hours
Capacity, fuel tank	320 liter
VTV fluid	HW VTV fluid
VTV-tank volum	Approx. 50 litres
Industrial HW hose	Reinforced heater hose. Max. temperature 120°C. Max. pressure 30 bar
El. connection/energy consumption	230V/ 16A
External fuel connection	Included
Service hatches	4 hatches for easier service access

### 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
- Isolation transformer..... For secure network operation
- Automatic airing ..... Automatic airing of burner
- Extra power outlet..... 16A outlet on power supply
- LED lights on mast..... LED floodlight. Practical and robust floodlight. Attaches to the machine.



HeatWorks headquarters and factory in Narvik with 3300 m<sup>2</sup> of modern production facilities.

# 15 years of development and production in Norway

HeatWork will contribute to a future for upcoming generations

HeatWork is a family owned company in Narvik, which through years of experience in the construction industry has acquired unique competence in its area.

Today, the company is well-known to be the market's most effective machine for hydronic ground thawing. At the same time, Heatwork is a significant supplier of industries such as concrete work, providing hot water for district heating, pest control, and many other uses - based on hydronic heating technology.

HeatWork is manufactured in northern Norway, with genuine focus on quality, performance and design. Technology and development are important prerequisites for good quality products, which both satisfy the customer's needs and today's environmental requirements.

After many years of development, the innovation, CliWi was launched in 2015. Now HeatWork offers even a further product range based on CliWi technology. Using hydronic heat is a sustainable solution in the GREEN SHIFT!



## Practical hose wagons

CliWi W90  
There is room for 2 hose wagons in the machine.

92 meter 5/8 hose,  
or 40 meter 1" hose.



## CliWi

CliWi is short for "Climate Winner" and is an extremely environmentally friendly, smart and efficient way of exchanging energy.

