

# MULTI<sup>S</sup> HEATWEED

CAPACITY: 2000-2800 m<sup>2</sup>/day  
Up to 34 hectares/season



## THE ULTRA COMPACT ALL-IN-ONE MACHINE

Heatweed Multi S is a multifunctional and easy-to-use solution recommended for small municipalities, contractors, housing cooperatives and cemeteries. The trailer hood is made of double-walled, shock resistant, UV-resistant polyethylene - a highly soundproofing material that allows operation in sensitive areas, such as hospitals and schools. This innovative machine has intuitive digital operation with joystick and its own power source for use in places where power supply is not available. The intercooling heat-exchanger keeps the fuel usage and exhaust emission to a minimum. Heatweed Multi S works perfectly as a high-pressure washer as well as an environmentally-friendly weed control machine. With pressure up to 200 bar and temperature up to 100 °C it quickly dissolves dirt and algae - without the need of chemicals.

### IDEAL FOR

- Kindergardens and playgrounds
- Parks and small green spaces
- Hedges with bark chips and flower beds
- Flowerbeds and gardens
- Stadiums and on artificial turf pitches
- Squares, bust stops and streets
- For cleaning



Integrated water tank 200 l



Professional high-pressure cleaner



Easy to operate, transport and store



Diesel, 12 V



Automatic Temperature Regulation



Low noise level (< 85 dB)



## WHY MULTI S?

- 100% water with no additives apart from anti-scaling liquid (natural product)
- Heatweed Automatic Temperature Regulation ensures highly accurate water temperature (+/- 0.2 °C) and consistent weeding results
- Quick and easy to start, informative display and level indicators
- High-precision operation with lightweight, ergonomic hand lances
- Inaccessible areas can also be treated - reaches up to 40 metres
- Low noise level and low emissions, can be used in crowded areas
- A safe machine - no fire risk and P-Zero Valve (the machine will switch to a pressure less circuit when closing the safety gun/no pressure on the HP hose)
- Built storage space for lances under the hood
- Aerodynamic design for less air resistance and lower fuel consumption
- No damage to surfaces, street furniture or private property
- Can be used throughout the season in any weather
- Optional Track&Trace system that tracks location, work hours and more
- 12 V operating voltage for electronic control unit and burner boiler unit
- Simple to transport, prepared axle for up to 100 km/h
- Automatic speed control (30 s shutdown delay to idle speed)
- The fuel-saving 70 kW GreenBoiler and 20 kW intercooling heat-exchanger increases the efficiency
- A highly professional cleaning solution
- 2 years Heatweed Warranty

### OPTIONAL

- 40 meter hose
- Work lamp
- Rotating beacon/warning light
- Track & Trace system which tracks location history and work hours
- Tarpaulin /protective cap
- Custom color housing upon request

### EQUIPPED WITH

- Stainless steel hose reels with 25 HP hose with heat protection
- 20 cm weed lance with wheels, high-pressure cleaning lance
- Operation console with digital display and joystick
- Integrated suction pump for water supply from another tank
- Overrun brake on trailer
- Kohler/Lomabdi Engine 12.5 kW

## SPECIFICATIONS

Daily capacity: 2000-2800 m<sup>2</sup>/day\*

Annual capacity: Up to 34 hectares/season\*\*

Capacity number: 34/10

Weed control water consumption (max): 10 litres/minute

Weed control water pressure: 0.2 bar

Weed control water temperature on plant: 99 °C

Cleaning mode water consumption (max): 18 litres/minute

Cleaning mode water pressure: Up to 200 bar

Cleaning mode water temperature: Adjustable

Capacity of water tank: 200 litres, integrated

Operation engine: Diesel

Operation burner: Diesel

Number of burners: 1 unit with 90 kW heating capacity (70 kW GreenBoiler + 20 kW Intercooling)

Capacity fuel tank for burner: 50 litres

Noise level 1 m from machine: <85 dB

Emissions class: < EURO6

Colour: White and grey housing

Measurements machine (l x w x h): 2665 x 1559 x 1354 mm

Weight (net): 740 kg

\* Real empirical figures for customers  
\*\*Treatment frequency 3 times/season

# THE HEATWEED® METHOD

The most efficient and cost-effective non-chemical weed control solution



## WHY HOT WATER?

Because it takes a lot of energy (provided by heat) and correct transferral of the energy to achieve systemic effect on the plant's roots.

Research done at the University of Gent document that hot water transfers 23-27 times more energy than hot air or steam. This makes hot water the best thermal alternative to get the desired result on the weeds.

	SPESIFIKK VARME KL/KG·K	THERMAL CONDUCTIVITY W/M·K	ENERGY DENSITY KI/KG
SSS VARM LUFT (100°C, 1 BAR)	1.01	0.030	101
WANN (100°C, 1 BAR)	4.18	0.682	418
DAMP (100°C, 1 BAR)	2.08	0.025	2674

Conclusion of study done by C. de Cauwer (Universitetet i Gent)



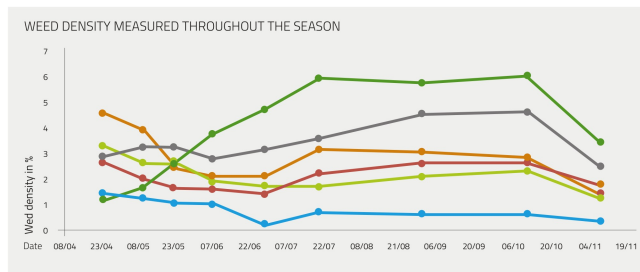
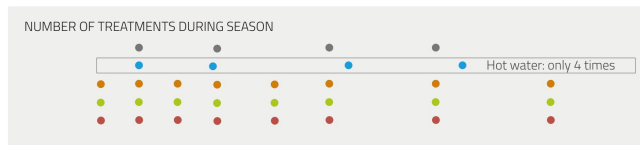
## DOES IT KILL THE SEEDS?

Seeds are more vulnerable to heat when they are about to sprout. Some seeds die easy, others are almost impossible to kill. Annual weeds and first year perennials (plants who live several years) are killed by one Heatweed treatment alone.

To destruct the root system of a perennial like a second year Dandelion it will always take more than one treatment.

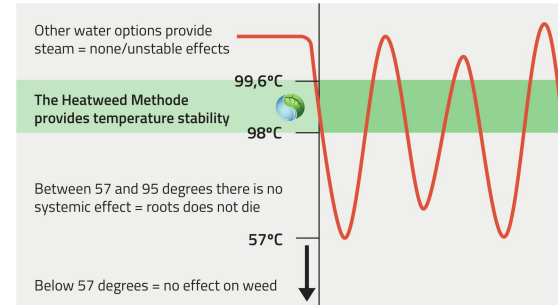
## HOW OFTEN DO I NEED TO REPEAT THE TREATMENT?

Study conducted in the University of Copenhagen shows that treatment with hot water gives the lowest weed coverage - even with the lowest frequency of treatment.



Graph by P. Kristoffersen, A. M. Rask & S.U. Larsen (University of Copenhagen)

## WHY IS ACCURATE TEMPERATURE SO IMPORTANT?



The systemic effect on the roots is achieved with liquid water at a temperature of exactly 106°C, at 98-99°C when it hits the plants. If the temperature is varying or not high enough the effect will be uneven or non-existent. With the Heatweed® Method you will experience the longest regrowth time and the best weeding results, at the lowest total cost per per square meter treated area.\*

\*Compared to other non-chemical methods.



## WHY CHOOSE HEATWEED®?

Heatweed has more than 35 years experience in weed control and strive to lead the innovation on our field. The design and functionality of our machines and lances is the result of our knowledge and hands-on experiences.

We are committed to documenting the result and to gain the best value for our customer. That is why spend a lot of resources and time on product development and research.

## HIGHLY PROFESSIONAL HIGH-PRESSURE CLEANING

The Heatweed® machines has been specifically developed as weed machines, but is also an excellent solution for cleaning of such as façades, benches, signs and gravestones. The high and stable water temperature ensures gentle and efficient cleaning, short drying time and lower water consumption compared to other hot-water solutions. (This does not apply to the Sensor)

Environmentally friendly  
No chemicals



Lowest m2-cost  
Lowest total cost of ownership



100% Hot water  
Power and flow optimized



Low fuel consumption  
Lowest CO2 emission class



Active Temperature Regulation  
Highly accurate temperature



High capacity  
Consistent, great results on weeds



Low water consumption  
Can use surface water



Easy intuitive operation  
High HSE standard



Low noise level  
Never above 85 dB



All weather - all season  
All surfaces



MORE INFO ONLINE! Check out [heatweed.com](http://heatweed.com) to learn more, find your local dealer or browse our machines