

Renewed SENSOR 2.0

CAPACITY: 17 000- 35 000 m²/day
Up to 420 hectares/season



Bruntink Voorst
BOS- TUIN- PARK- EN GOLFBAANMACHINES



THE MOST INNOVATIVE, HIGH-CAPACITY MACHINE ON MARKET

World-patented, easy-to-operate Sensor Technology makes the Heatweed Sensor 2.0 the most cost-effective non-chemical weed control machine there is. The advanced technology secures lowest possible water consumption – plus equally low fuel usage and exhaust emission. The Sensor can be mounted onto different brands of tool carriers, and is operated by digital display from the cabin.

All Sensor drivers will be trained and certified by Heatweed Academy. For large contractors and local authorities with 20,000 or more inhabitants, we can document that the Sensor 2.0 offers the cheapest way of controlling weeds (per m² of treated area) compared to similar methods. Heatweed is happy to assist with key figures and tender calculations.

IDEAL FOR

- Areas with uneven weed coverage and paving stones
- Parks, cemeteries and green spaces
- Airports and industrial zones
- Along kerbs and on walkways
- Along highways and motorways
- Shopping streets and city centres
- Drinking water protection areas

Hot Water Weed Control - no chemicals

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The lowest cost
per m² treated area



Standard water tank 800 l



Patented sensor secure
minimum use of water and fuel



Active Temperature Regulation



Diesel/Aspen D Biodiesel



All weather all season



WHY SENSOR 2.0?

- 100% water with no additives apart from anti-scaling liquid (natural product)
- Sensor-based technology equals less water consumption per m², which means topping up less frequently, leaving more time for actual weed control
- Less water usage results in lower energy consumption and lower emission
- Heatweed Active Temperature Regulation ensures highly accurate water temperature (+/- 0.6 °C) and consistent weeding results
- Inaccessible areas can be treated with hand lances
- Sturdy, reliable and weatherproof
- No damage to road surfaces and sidewalks
- Can be used throughout the season in any weather
- Comfortable, safe and simple operation from cabin
- Optional integrated filter system for use with surface water
- Can be mounted on/removed from tool carrier in 60 minutes
- Personal advice and training program by The 
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EQUIPPED WITH

- 160 cm front unit with patented sensor technology and High Capacity side nozzles
- Lateral displacement 60 cm to right
- Rear view camera
- Hand-held weed lance with 4 m hose
- Support legs for dismantling
- 800 liter water tank

OPTIONAL

- Replace standard with 120 cm dosing unit
- 500- or 1150-litre water tank
- Surface water pump (incl. hose and basket)
- Hand-held weed lance with 15 m hose on reel
- Mounting for standpipe for hydrants
- Mounted on tool carrier, i.e. Holder, Multihog, Wille.



The sensor sprays water only where it detects chlorophyll. This keeps water usage, emission and fuel consumption to a minimum, resulting in the lowest cost pr. treated m² compared to any other non-chemical weed control machine on market.

SPECIFICATIONS

Daily capacity: 17 000-35 000 m²/day*

Annual capacity (3 times/season):
420 hectares/season**

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

Weed control water pressure: 0.2 bar

Weed control water temperature on plant:
98-99,6°C

Cleaning mode water pressure:
No cleaning mode

Cleaning mode water temperature:
No cleaning mode

Operation/burner: Hydraulic/Diesel or
Aspen D Biodiesel

Number of burners: 2 units

Capacity of burner tank: 105 litres

Capacity of water tank: 800 litres

Working width: 160 cm

Application system: 2 rows of 20 valves in
4 independent sections

Side nozzles: On both sides

Transport speed: 25-40 km/h depending on
implemented tool carrier

Operating speed 100% weed cover (min):
0.5 km/h

Average treatment speed: 3-5 km/h

Operating speed low weed cover: Max 5 km/h

Emissions class: < EURO6

Colour: RAL 9006

Weight heating unit (net): 580 kg
(ex. water and fuel)

Weight dosing unit: 295/340 kg

* Real empirical figures for customers

** Treatment frequency 3 times/season

