



Weeds on pavement



Weeds on pavement
2 - 5 days after treatment



Lichen before treatment



Lichen 2 - 5 days
after treatment

Accessories



Sprayer head



Spray beam 50cm

WeedPLUS®

+ invented by meclean

This technique is available optionally and can simply be switched on/off by the press of a button. WeedPLUS® uses pure (drinking) water. By overheating the weed plant it can be exterminated in a environmental-friendly way, without any use of chemicals.

The best alternative

Controlling weeds with WeedPLUS® is possible anywhere. With the sprayer head and spray beam on wheels you can work extremely selectively, with no collateral damage. Because the working speed is up to 30% higher than with other alternative weed control methods and because up to 60% less applications are necessary (see schedule below this page) WeedPLUS® is also the best alternative from an economic perspective.

It only needs water

With a maximum water tank capacity of 1200 liters it is possible in practice to work for up to 4 hours, and with a surface water intake module (pump / filter / suction hose) the water tank can easily be refilled anywhere.

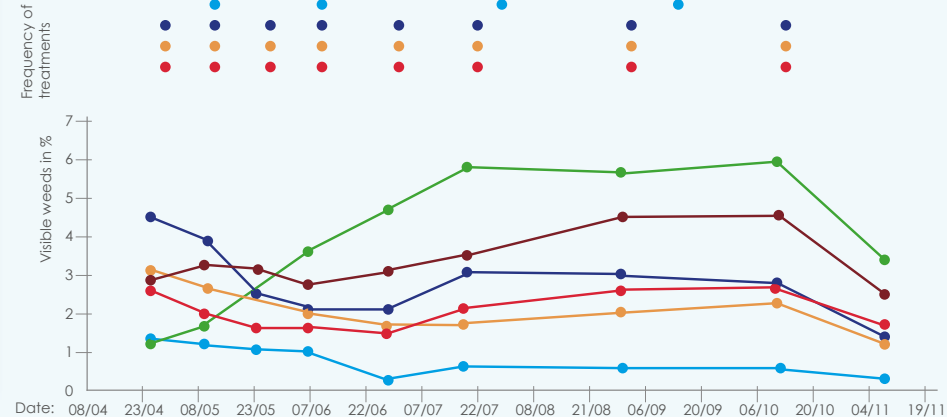
Quick and effective

With WeedPLUS® it is possible to control up to a maximum of 2000 m² of weeds per hour.

Most effective alternative weed control

Weed control with hot water has been researched by the University of Copenhagen (research by Prof. P. Kristoffersen) and it's clearly the most effective alternative weed controlling method.

- Burning
- Hot air
- Steam
- Hot water
- Brushing
- Not treated
- Burning
- Hot air
- Steam
- Hot water
- Brushing



The conclusion of this study :

- Only 4 treatments per year (compared to 8 treatments with hot air / burning)
- Substantial lower weeds percentage throughout the entire year (compared to all other alternative methods)



Specifications

	HDT 200/21	HDT 350/18	HDT 350/18 DUO	HDT 500/15	HDT 500/15 DUO	HDT 500/30
Working pressure	200 bar	350 bar	2x 350 bar	500 bar	2x 500 bar	500 bar
Flow rate	21 L/min.	18 L/min.	2x 18 L/min.	15 L/min.	2x 15 L/min.	30 L/min.
Motor rating	16 kW	16 - 19 kW	40 kW	19 kW	40 kW	40 kW
Autom. RPM adjustment	✓	✓	✓	✓	✓	✓
High-pressure pump(s)	1	1	2	1	2	1
Burner(s)	1 (12 V)	1 (12 V)	2 (12 V)	1 (12 V)	2 (12 V)	1 (12 V)
Max. burner power	110 kW	110 kW	2x 110 kW	110 kW	2x 110 kW	110 kW
Max. water temperature	102 °C	102 °C	102 °C	102 °C	102 °C	102 °C
Flow activated bypass	✓	✓	-	✓	-	✓
Capacity fuel tank	110 or 155 L*	110 or 155 L*	110 or 155 L*	110 or 155 L*	110 or 155 L*	110 or 155 L*
Capacity water tank	850 or 1.200 L*	850 or 1.200 L*	850 or 1.200 L*	850 or 1.200 L*	850 or 1.200 L*	850 or 1.200 L*
Stainless steel HP reel	45 mtr.	45 mtr.	45 mtr.	45 mtr.	45 mtr.	45 mtr.
Stainless steel LP reel	25 mtr.	25 mtr.	25 mtr.	25 mtr.	25 mtr.	25 mtr.
Dimensions	-- (L) 2 5 0 x (W) 1 3 0 x (H) 2 2 0 c m --					
Net weight (empty watertank)	1.100 kg	1.150 kg	1.250 kg	1.150 kg	1.250 kg	1.250 kg
SteamPLUS®	option**	option	option	option	option	-
WeedPLUS®	option	option	option	option	option	option
Generator 240V	option	option	option	-	-	-

* XL - upgrade : capacity fuel tank 155 L (instead of 110 L) / capacity water tank 1.200 L (instead of 850 L)

** Model HDT 200/21 gives up to 200 bar working pressure in SteamPLUS® 2.0 mode

Contact us for full list of options.



Quick and professional service...

With different service locations throughout Europe and availability of technicians worldwide we are able to guarantee a response time of max. 24 hours everywhere in the world. In most cases the service needs can be resolved within a couple of hours and often on location.

Top-notch quality

During the entire production process we pay very special attention to quality and detail. We only use first-grade materials like stainless steel parts, stainless steel nuts and bolts, carefully selected and oversized motors / pumps and no unnecessary electronics to guarantee long-lasting and worry-free deployment of the High-pressure cleaning trailer.



Warranty

- 2 years (in combination with service agreement)
- 10 years on high-pressure pump head

Lease or buy?

Leasing can be an interesting option. Please feel free to ask your dealer or meclean. You can calculate an estimated monthly term on meclean.eu/leasen Please be aware that this is just an indication and it will differ per country.

Demonstration?

Do you want to see our High-pressure cleaning trailer in full action? Contact your dealer or meclean to schedule a demonstration on location.

Sales & service:

meclean®

t: +31 (0)115 43 25 30 | e: info@meclean.eu | www.meclean.eu

SIR
STEERING INDUSTRIE REINIGING

meclean®



High-pressure
cleaning trailers

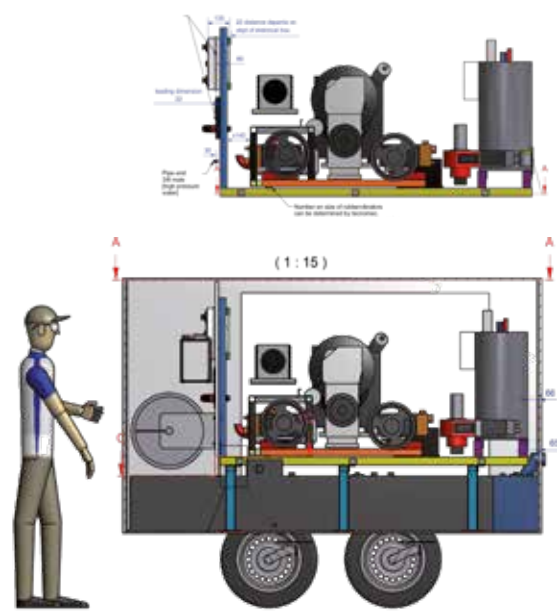


DURABLE THANKS TO SIMPLICITY

The functional, robust appearance of our High-pressure cleaning trailers characterises our approach to technology and the way in which our High-pressure cleaning trailers are constructed. Meclean's vision, that technology must be practical and that only functionality, reliability and good, fast service are important, results in a High-pressure cleaning trailer which very clearly reflects our professional and pragmatic outlook on technology. Meclean® consistently selects the best components and knows better than any other that unnecessary electronics do not add anything. **Meclean® opts for proven, mechanical technology.**

IN-HOUSE ENGINEERING

All High-pressure cleaning trailers are developed in-house: from the very first idea on the drawing board to assembly in our own assembly plant.



EXPERTS IN CUSTOM WORK

A High-pressure cleaning trailer can be fully adapted to the wishes of the user. The various versions, the extensive list of options (including, among others, SteamPLUS®, WeedPLUS®, SIR certification, integrated generator,...) together with the expertise of our technical team, make it possible for us to focus fully on the end-user's wishes. **Let our practical professionals help you put together your ideal High-pressure cleaning trailer!**

proven mechanical technique ...

High-pressure cleaning trailer

... without unnecessary electronics



meclean® is a SIR (Stichting Industriële Reiniging) member. If desired a High-pressure cleaning trailer can be delivered with SIR certification.



OUR HIGH-PRESSURE CLEANING TRAILER IN ACTION
Scan this QR-code or go directly to:
www.meclean.eu/praktijk



Facade cleaning: without chemicals and without damage



Chewing gum removal: in less than 2 seconds (2.000 - 3.000 pieces per hour)



Graffiti removal: without chemicals

Contact your dealer or meclean® to schedule a free demonstration on location!

DIFFERENT CLEANING TECHNIQUES COMPARED:

TECHNICAL COMPARISON	WATER < 90 °C	WATER > 90 °C	STEAM FUNCTION	SteamPLUS® 2.0
Water	100% water	95% water	35% water	15% water
Steam	-	5% steam	65% steam	85% steam
Working pressure	0 - 500 bar	0 - 500 bar	0 - 30 bar	0 - 250 bar

IN PRACTICE...	WATER < 90 °C	WATER > 90 °C	STEAM FUNCTION	SteamPLUS® 2.0
Effective without cleaning detergents	XX	X	X	✓
Surface damage	XX	XX	✓✓	✓
Energy consumption	X	XX	X / ✓	✓ (-25%)
Water consumption	X	X	✓	✓ (-50%)
Noise pollution	X	X	X / ✓	✓ (70 dBa)
Physical strain user	XX	XX	✓	✓

SteamPLUS® 2.0

SteamPLUS® 2.0 is a high pressure steam technology that combines the unique cleaning properties of steam with the effectiveness of high pressure cleaning. With SteamPLUS® 2.0 there are no cleaning detergents needed and the surface is not damaged. Compared to SteamPLUS® the SteamPLUS® 2.0 technique gives 25% more steam pressure and 35% more steam volume. This results in an even better cleaning result and up to 30% higher working speed.

* patent pending

HOW DOES IT WORK?

By "overheating" water under high pressure steam is created with a temperature of +/- 150 °C at the spray nozzle. The big amount of steam with a volume of +/- 17.000 liters per minute (!) is sprayed on the surface under a pressure up to 250 bar. The huge amount of energy that is generated when water turns into steam creates a "thermoshock" that removes (atmospheric) pollution, graffiti, chewing gum, layers of paint etc. without the use of cleaning detergents and without damaging the surface. The SteamPLUS® 2.0 function is easily activated by a push of the button on the control panel.

IN DE PRACTICE

SteamPLUS® 2.0 : Next Generation Cleaning

- Graffiti and paint layer removal without cleaning detergents or chemicals;
- Chewing gum removal, minimal 6x faster than other methods (2.000 - 3.000 pieces per hour) ;
- Cleaning of f.i. old (monumental) facades, art, wooden objects etc. without damage;
- Removal of (atmospheric) pollution, paint, coatings, resin, glue layers, road markings etc. ;
- Desinfection and smell elimination of machines, play equipment, sanitary facilities, parking lots etc.

Environmentally friendly and socially responsible

- Up to 25% fuel saving ;
- Up to 50% water saving ;
- No chemicals/cleaning detergents needed ;
- Very low CO² emission.

