



# PORTFOLIO

**ROOF WASHERS**

**ROOF REPAIR**

**COATER SPRAYERS**

**ROOF MAINTENANCE**

**SPRAY CARTS**

***YOUR ROOF, OUR CARE!***

[www.vdwaay.nl](http://www.vdwaay.nl)





# Innovation and Quality

**We design and build** high-quality greenhouse roof washers, chalking machines, and roof repair systems, tools that reflect decades of field-tested expertise and a deep understanding of our customers' needs.

**Our strength** lies in uncompromising quality, innovation-driven strategy and dedicated service: a foundation for a reliable and long-term partnership. It's the true value we offer and the foundation for our continued growth, now and in the future.

**What drives us** is a shared passion across our team: creating smart, affordable solutions that support clean, safe, and efficient greenhouse environments worldwide. We work closely with growers, suppliers, and greenhouse builders to help them achieve optimal results.

In addition to manufacturing advanced machinery, we also provide **outstanding after-sales service**, ensuring long-term performance and peace of mind long after delivery.

**What we can do for you?** As an end user, greenhouse builder or supplier, we are your reliable partner for delivering a complete solution for cleaning, applying coatings, and repairing the greenhouse roof of almost any type of commercial greenhouse, anywhere in the world.

**Contractors** are also in good hands with us, thanks to our many years of experience in greenhouse cleaning ourselves, we understand exactly what's needed in the field. This practical knowledge is reflected in every machine we build.



  
**Van der Waay**

**Since 1989**

In 1989, Van der Waay built his first greenhouse roof washer and started out as a contractor. Over the years, Van der Waay cleaned many greenhouse roofs across Europe, gaining valuable hands-on experience. Gradually, the company shifted its focus toward machine manufacturing. This practical background still shapes our approach today, creating reliable, user-friendly machines that meet the real needs of our customers.



# ROOF WASHERS

# TOP CLEANER

*MAXIMUM LIGHT,  
MAXIMUM GROWTH  
AND QUALITY*

Top Cleaner, the roof washer for **Venlo greenhouses**.

If you are considering a greenhouse roof cleaner, then you obviously want to make the right choice. After all, it is an investment you should be able to rely on for at least 15 years.

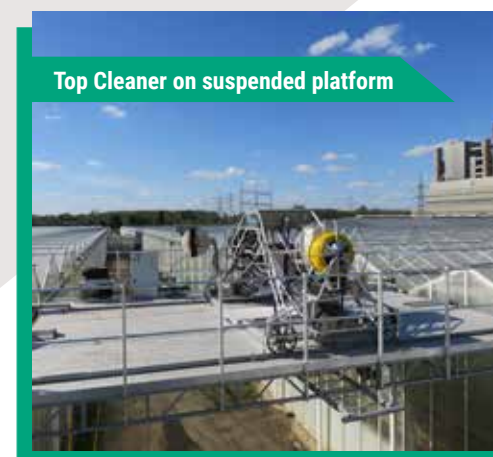
Together with you, we will be happy to determine the right configuration of the **Top Cleaner** to enable you to work safely and pleasantly, and of course with the shortest possible ROI.



Washing your greenhouse to maximize crop yield



Top Cleaner in France



Top Cleaner on suspended platform



Top Cleaner in Italy



Top Cleaner spraying a coating

## Unique Features

### Top Cleaner roof washer

- » UV proof brushes
- » Height adjustment for brushes
- » Waterproof LED lights
- » Steps
- » Anchor points [NEN-EN795]

### Top Cleaner platform

- » Waterproof fluorescent work lights
- » Anchor points [NEN-EN795]
- » Lifting points [NEN-EN-ISO 3266]
- » Hand Rail [NEN-EN-ISO 14122]
- » Cage ladder [EN 14122-4 | NEN 2484]
- » Water pump

## Options

### Top Cleaner roof washer

- » Guides for hose and cable
- » Gutter brushes
- » Open window detection
- » Dosing pump for cleaning agents
- » Brush shielding
- » Set of spray booms for coatings

### Top Cleaner Platform

- » Electric folding undercarriage
- » Hose and cable reel
- » Remote control by cell phone





A fully automated Top Cleaner controlled by the climate computer



## ROOF WASHERS

# TOP CLEANER

### CUSTOM EDITIONS

In addition to the **standard Top Cleaner models**, Van der Waay also builds **custom editions**, fully tailored to your specific needs.



In Japan, this Top Cleaner cleans the F-Clean film with nozzles instead of brushes



A custom edition specially designed for riding below the roof top screen



## ROOF WASHERS

# TOP CLEANER V

### Unique Features

- » Suitable for all greenhouse roof sizes, between 3.20 and 4.00 meters
- » Cleans the glass and the gutters

### Options

- » Spray boom set for applying coatings
- » Moving Platform to transport the roof washer along the greenhouse facade

*MAXIMUM LIGHT,*

*MAXIMUM FLEXIBILITY*

This roof washer for the Venlo greenhouse is the latest development within the Top Cleaner family.

Because this roof washer runs through **one greenhouse gutter**, it is possible to apply it to greenhouses with **different roof sizes**.



The Top Cleaner V washes any roof size, riding through one gutter at the time



# ROOF WASHERS

# MOSS BLASTER

## EFFECTIVE CLEANING

## OF MOSS POLLUTED ROOFS

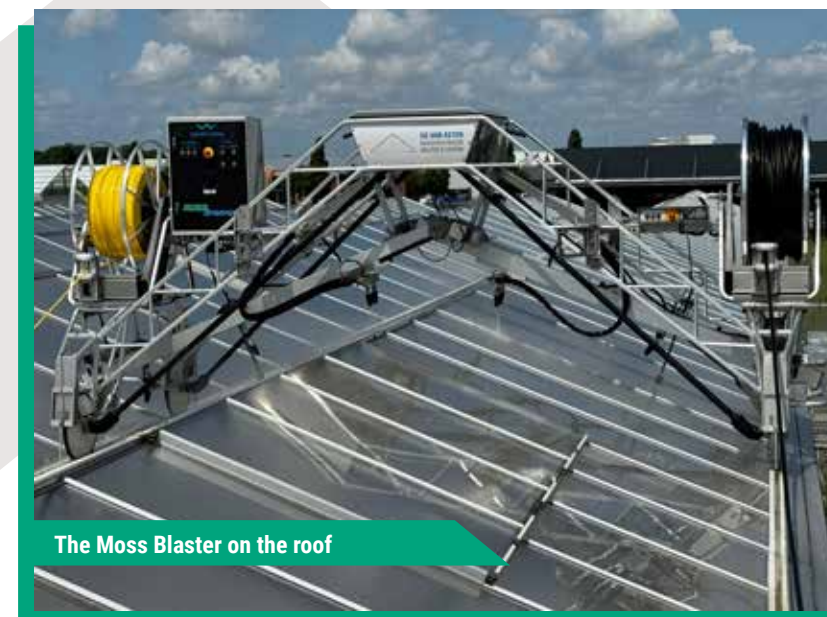
This machine effectively **removes moss** from greenhouse roofs. When moss has grown deep between the glass rods and along the gutter edge, the Moss Blaster is the machine for the job.

It locates the glass rods, stops, and sprays them clean from the ridge to the gutter edge. On it's return the gutter edges are cleared of moss growth.

The Moss Blaster seamlessly **integrates with the Top Cleaner** roof washer moving platform.



The Moss Blaster in action



The Moss Blaster on the roof



The Moss Blaster on the roof



# ROOF WASHERS

## TOP CLEANER POLY

### MAXIMUM LIGHT, IN PLASTIC COVERED MULTI-SPAN GREENHOUSES

Regular cleaning of the greenhouse cover film can bring tens of percent **more light** into the greenhouse at those times when the crop needs it. More light leads to **higher production**, so the investment is quickly recouped, even when the plastic film is replaced every three or five years.

This Roof Washer drives through one greenhouse gutter, with on the left and right a long arm fitted with brush discs. The arms are demountable and available in different lengths. This makes it possible to use one machine on greenhouses with **different roof widths**. For example, on a 12.80 and 9.60 meter bay.

The Top Cleaner Poly drags a water hose behind it. This water hose is connected to a high pressure water pump, which is on the ground.



The Top Cleaner Poly spraying a coating



The Top Cleaner Poly washes any roof size of plastic covered multi-span greenhouses



The Top Cleaner Poly in action

### Options

- » Honda generator [230V – 3Kw]
- » Transport and storage frame
- » Pump sets with hose reel
- » Spray booms
- » Radio remote control



# ROOF WASHERS

# AQUAJET

## ENDS THE SEASON CLEAN, TO START FRESH

The growing season is over, the crop is cleared, and the greenhouse is made ready for the new plants. Time for a thorough cleaning of the **glass and cultivation gutters**. Not the nicest of jobs, cleaning the greenhouse is very labor intensive and time consuming.

Van der Waay has the AquaJet in its portfolio especially for this purpose. A robust plug & play pipe rail trolley with a hose reel, a height-adjustable mast with two powerful nozzles on it, and a high volume **high pressure pump** that is driven by a petrol engine.

After the greenhouse roof and facades have been cleaned to a high standard, the cultivation gutters can be sprayed clean and disinfected.



The AquaJet in action inside the greenhouse



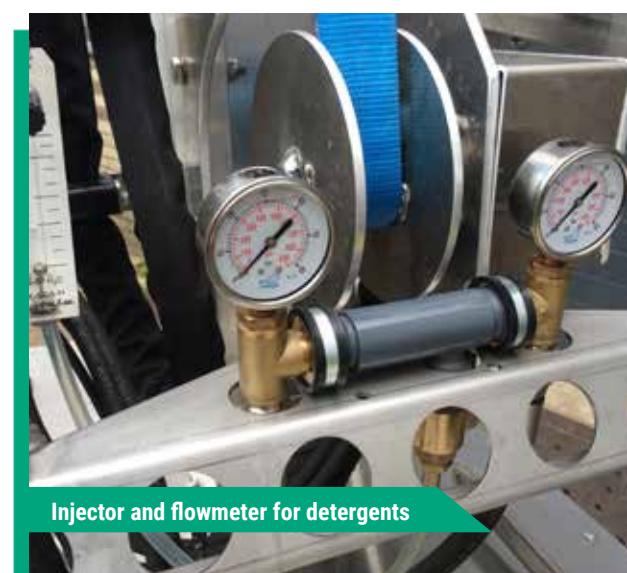
Two powerful water jets remove all dirt



AquaJet with pneumatic tires



Spray gun cleaning of the gables



Injector and flowmeter for detergents

## Unique Features

- » Adjustable track width [425 - 600mm]
- » Spraying mast [up to 6.50 m leg height]
- » Supply hose on reel [150 m]
- » Pressure booster pump

## Options

- » Extended spray mast
- » Dosage unit for detergents
- » Growing gutter cleaner
- » Detergent nozzle set for the growing gutter cleaner
- » LED work light
- » Custom track width
- » Chassis with steerable wheels, suitable for driving on concrete floors
- » Spare parts kit
- » Maintenance kit



# ROOF WASHERS

# AQUAJET-E

*FOR GROWERS WHO  
EXPECT PERFORMANCE*

*AND CARE ABOUT  
SUSTAINABILITY*

## Unique Features

### AquaJet-E & Electric Pump Unit

- » Zero exhaust emissions
- » Quiet Operation
- » Low Maintenance
- » Greenhouse-Ready Power
- » Consistent Performance

While greenhouse cleaning remains one of the most labor intensive tasks, Van der Waay now makes it **cleaner, quieter**, and more efficient than ever.

Introducing the AquaJet-E, the **all-electric** evolution of our trusted AquaJet cleaning solution. Powered by durable lead-acid batteries, widely used and well-supported in greenhouse operations.

Clean your greenhouse without polluting it. Ideal for enclosed spaces and environmentally conscious growers.

The AquaJet-E is accompanied by an high-pressure **all-electric pump unit** and it offers a reliable and sustainable alternative to petrol-driven systems.





# COATING SPRAYERS

# COATING APPLICATORS

*CONTROL THE LIGHT,  
FOR OPTIMAL GROWTH*



The Top Cleaner Poly spraying a coating



The Top Sprayer in action

Light is important for optimal growth, but **too much light** can be harmful to the crop. With the help of a coating, you can control the light in the greenhouse.

For even light distribution it is essential to apply the coating evenly. Our coating sprayers guarantee a perfectly **even result**, whatever the circumstances.

Coatings of **all well-known brands** such as: Redusystems, Hermadix, Sudlac or White Circle can be used.



The Top Cleaner spraying a coating



# SPRAY CARTS

# PUMP TRAILERS & UNITS

*TAILORED FOR COATING*

*TRUSTED FOR MIXING*

Van der Waay offers spray carts which are fully tailored for practical use and which work perfectly together with a **coating sprayer**.

The spray carts are **suitable for all coating brands**, including Redusystems, Hermadix, Sudlac, aswell as all cleaning agents such as; GS4, Flusol-Forte, and Chlorine.

## Unique Features

- » Comet diaphragm pump
- » One or two polyester mixing tanks
- » Stainless steel stirrers
- » Flow meter
- » Hose reel



Powerful stainless steel stirrer



Easy to fill mixing tanks



Pump trailer 960E2000 in action



Pump trailer 960E1600PT



Pump unit 960E1600



PTO driven pump with large hose reel



# ROOF REPAIR

## GLASS REPAIR CART

*THE SAFEST AND  
MOST EFFICIENT WAY*

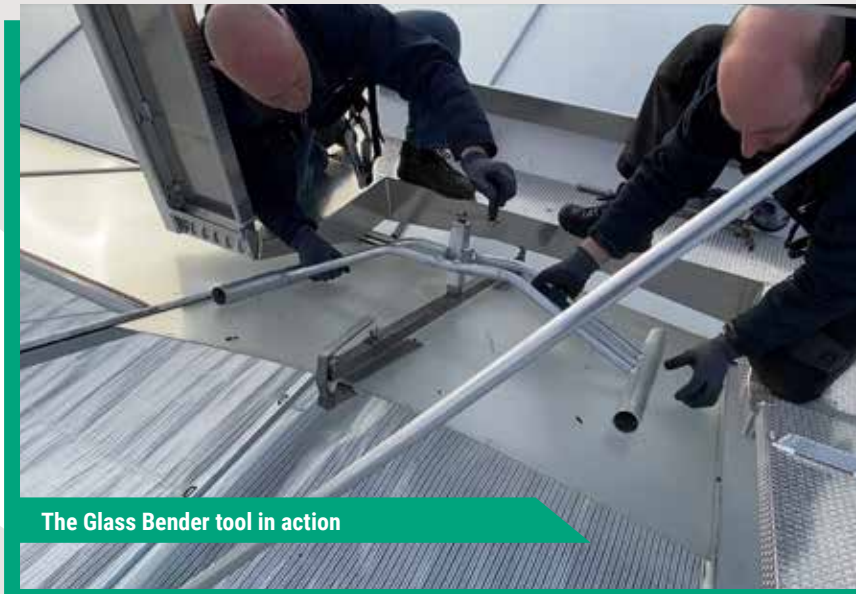
*TO REPLACE GREENHOUSE  
GLASS PANES*

With the Van der Waay Glass Repair Cart, **broken glass panes** can be replaced quickly, safely, and entirely from the outside. Thanks to the **patented Glass Bender tool**, tempered glass roofs can be repaired using the original glass dimensions, keeping the greenhouse roof in its original state without the need for special repair profiles or non-standard panes.

The Glass Repair Cart is designed for efficient mobility and can be moved from one roof section to another using a Van der Waay Top Cleaner platform or a telescopic handler.

Glass panes are safely loaded with the **Glass Elevator**, which can be easily mounted to a Van der Waay platform or directly to the greenhouse, ensuring smooth and safe handling during repairs.

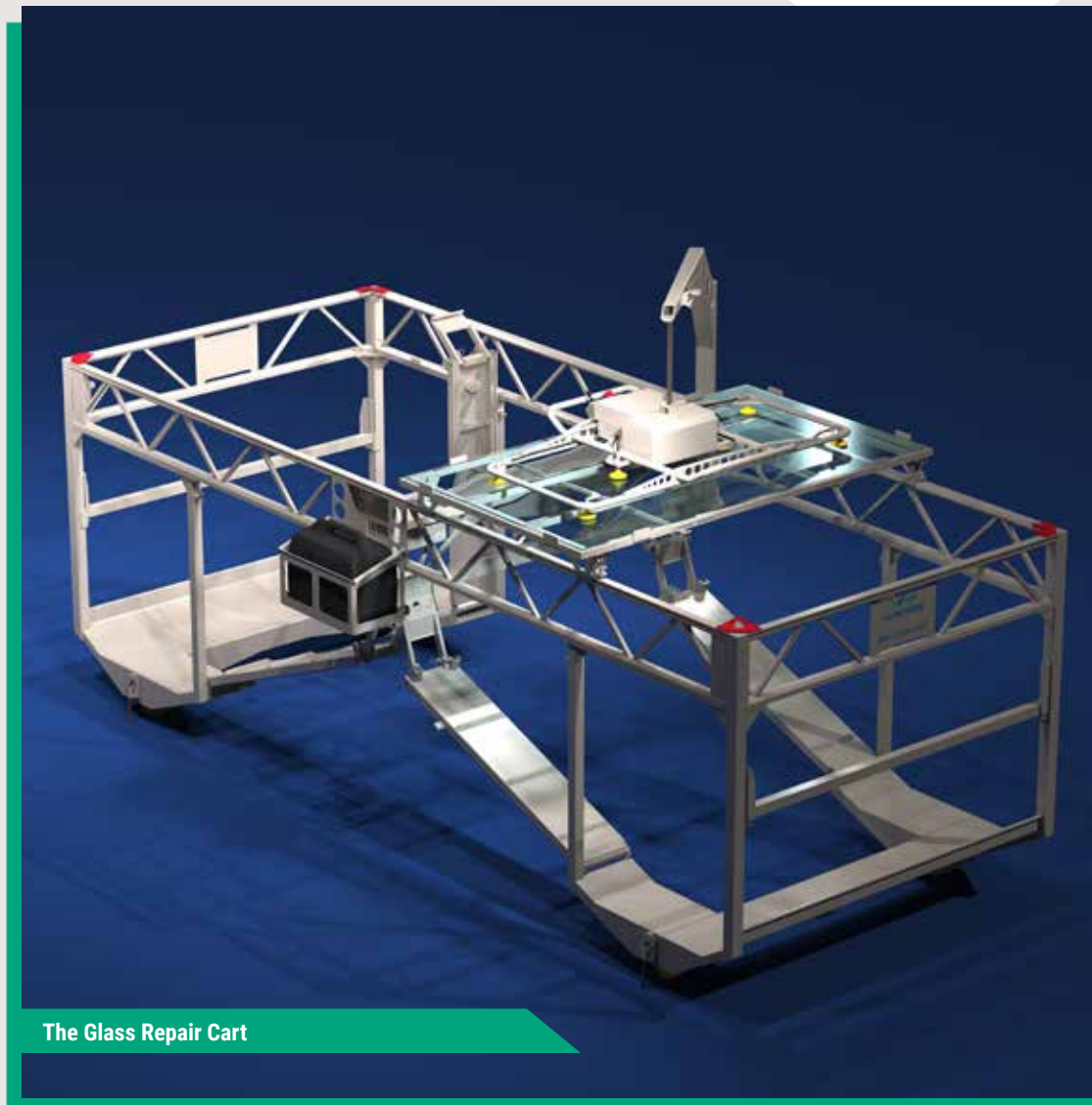
This system prevents the spread of viruses by keeping **all repair work external**, and it allows the greenhouse climate to remain stable during maintenance. The result is a fast, clean, and precise repair process that protects both the crop and the integrity of your greenhouse.



The Glass Bender tool in action



The Glass Repair Cart in action



The Glass Repair Cart



The Glass Elevator

### Unique Features

- » 4 Lifting points [NEN-EN-ISO 3266]
- » 2 Lashing points on a rail [NEN-EN795]
- » Powered by a 24V LiFePo4 battery pack
- » Electric glass winch with electric/pneumatic vacuum system
- » Automatic wheel brakes to ensure that the cart will not move during the repair



## ROOF MAINTENANCE

# INSECT MESH MOUNTING CART

*INSECT MESH INSTALLED*

*QUICKLY AND SAFELY*

The Van der Waay Insect Mesh Mounting Cart allows **insect mesh** to be installed quickly, safely, and entirely from the outside, with no disruption to greenhouse operations and no risk of damaging crops or technical systems.

**Workers are securely** positioned during installation. The mesh can be mounted just before planting, keeping it clean, intact and free of insects.

The Insect Mesh Mounting Cart ensures a **smooth, efficient installation** process every time.



A worker installing insect mesh from the Insect Mesh Mounting Cart



The Insect Mesh Mounting Cart in action



# ROOF MAINTENANCE

# FILM MOUNTING CART

*CLEAN INSTALLS,*

*CLEAR RESULTS*



The Film Mounting Cart on a greenhouse roof

The Van der Waay Film Mounting Cart is designed for the safe and efficient installation of **plastic film** entirely from the outside.

Workers remain securely positioned during mounting, **minimizing the risk of accidents** and eliminating the need to enter the greenhouse.

Whether during new construction or routine replacement, the plastic film can be installed cleanly and **precisely** without disrupting ongoing work inside the greenhouse.



The Film Mounting Cart in action



# ROOF MAINTENANCE

## MULTI SPAN SERVICE CART

The Van der Waay Multi span Service Cart is designed for performing various inspection and maintenance tasks on a **multi-span greenhouse**.



The Multi span Service Cart

## GUTTER WALKER

*FOR A SAFE WALK*

*ACROSS YOUR  
GREENHOUSE ROOF*



The Gutter Walker in action





## Dutch Quality, Globally Compliant

**We are proud to say that all our machines are fully developed and manufactured in our factory, based in the Netherlands.**

**Each machine is built in accordance with the European Machinery Directive EG 2006/42, ensuring the highest standards of safety, quality, and reliability.**

**For machines intended for the North American market, we use UL/CSA certified components and wiring to meet local regulatory requirements and ensure safe, compliant operation.**

**Interested in our solutions?  
Feel free to contact us for more information or tailored advice.**

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***YOUR ROOF, OUR CARE!***