



Vander Waay



PORTFOLIO

ROOF WASHERS

ROOF REPAIR

COATER SPRAYERS

ROOF MAINTENANCE

SPRAY CARTS

YOUR ROOF, OUR CARE!

www.vdwaay.nl



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.



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.

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.



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



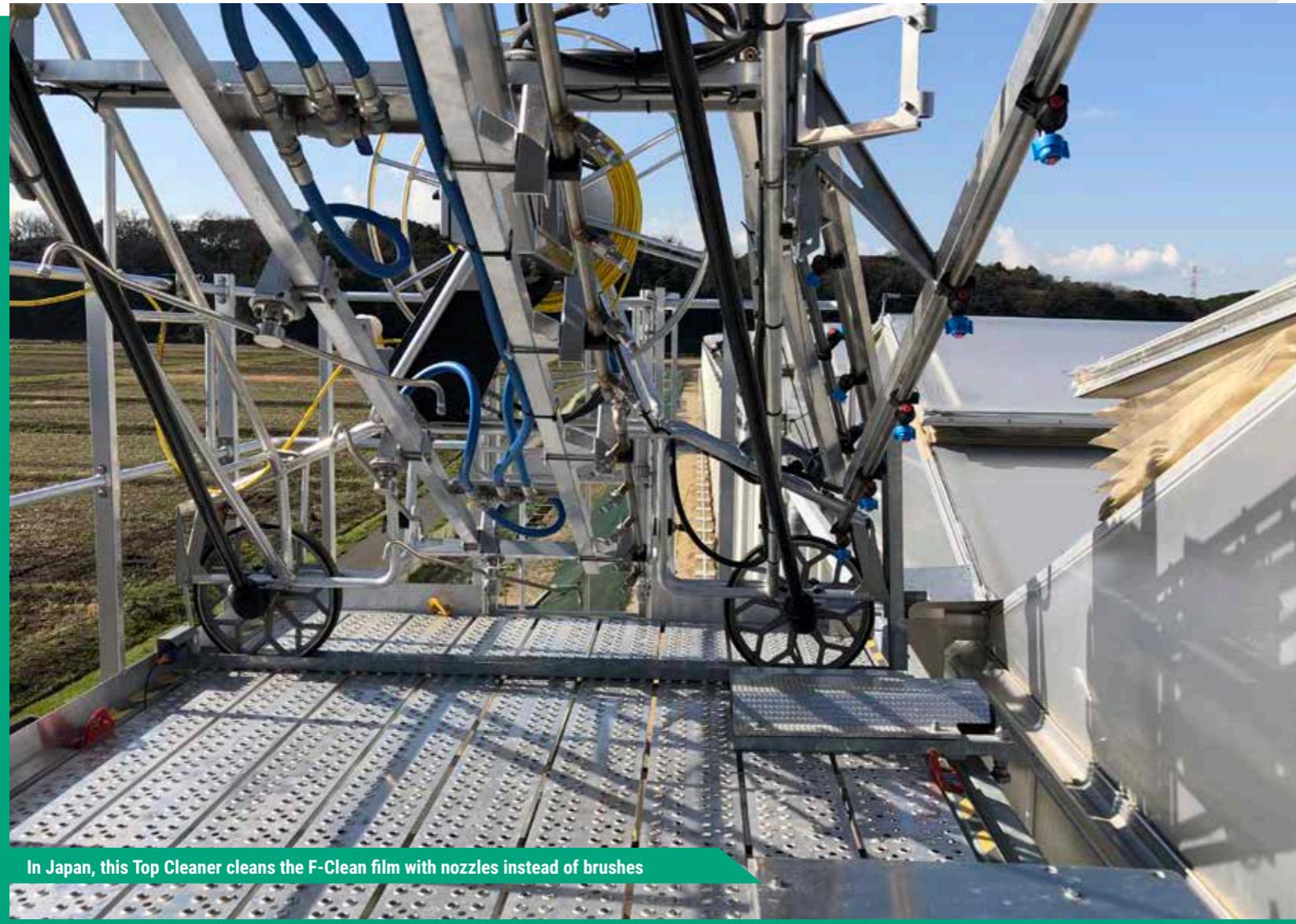
A fully automated Top Cleaner controlled by the climate computer

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

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**.

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



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 its return the gutter edges are cleared of moss growth.

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



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.



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



Spray gun cleaning of the gables



Injector and flowmeter for detergents



AquaJet with pneumatic tires

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**

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.



Unique Features

AquaJet-E & Electric Pump Unit

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



COATING SPRAYERS COATING APPLICATORS

*CONTROL THE LIGHT,
FOR OPTIMAL GROWTH*



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.



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



ROOF REPAIR GLASS REPAIR CART

THE SAFEST AND
MOST EFFICIENT WAY

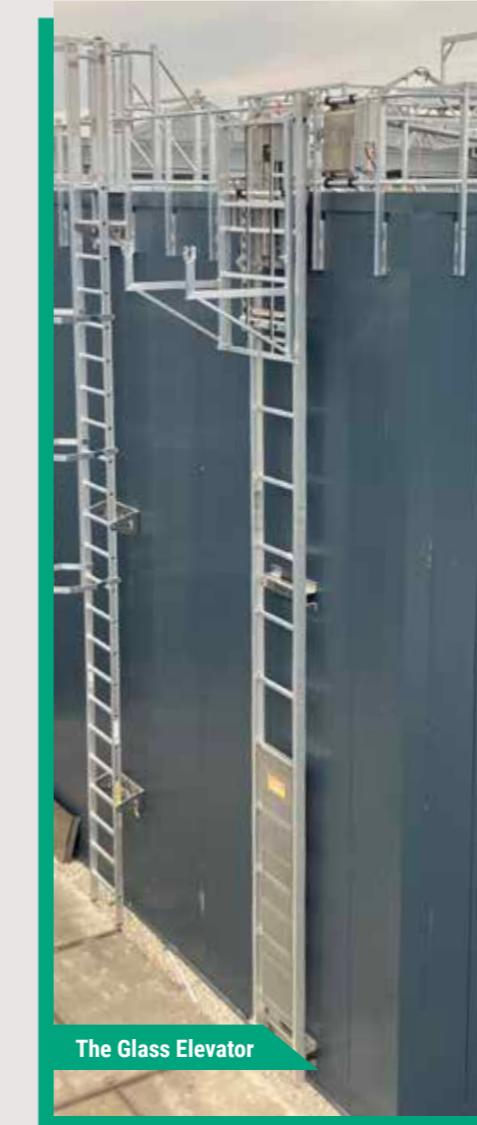
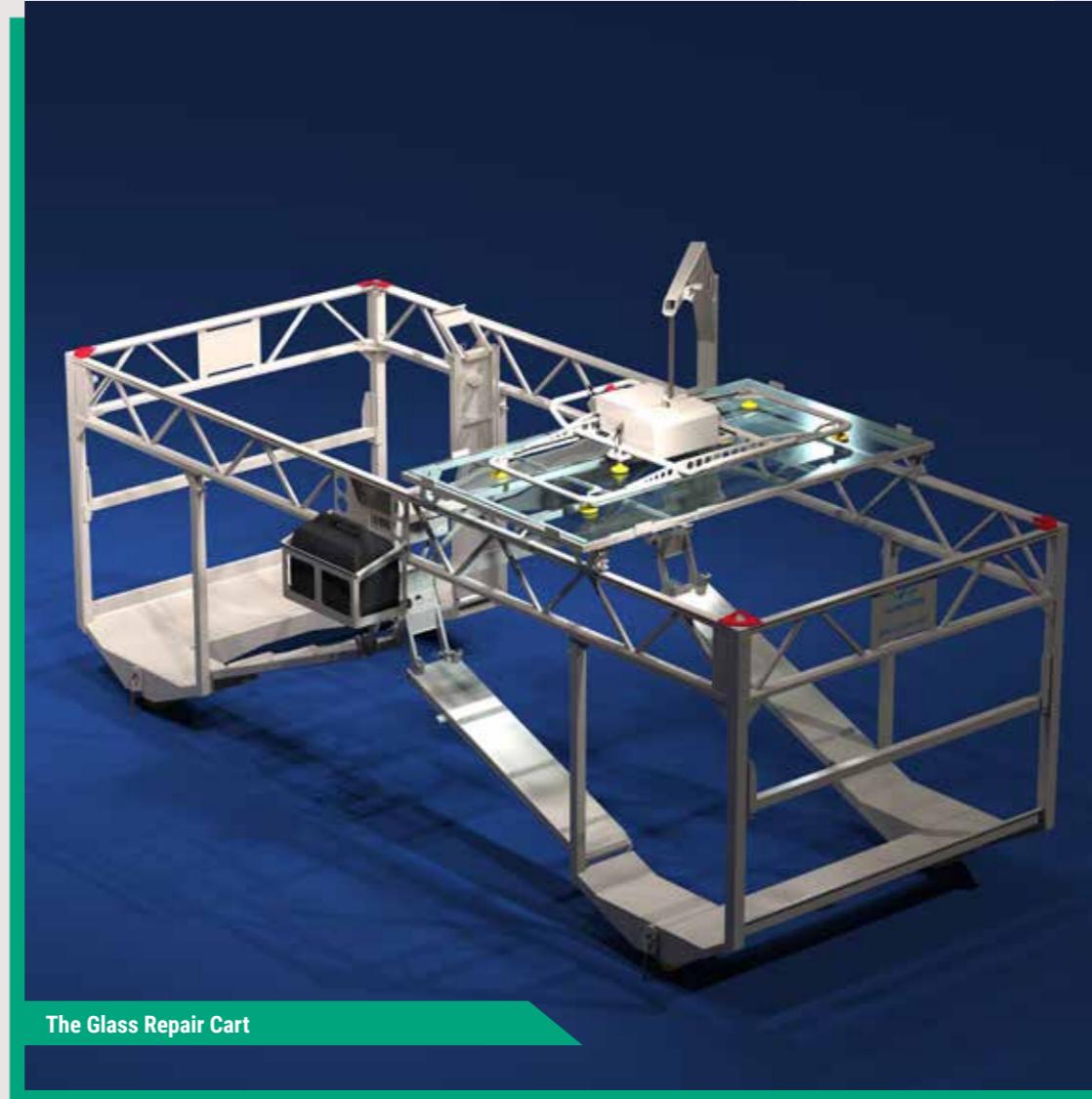
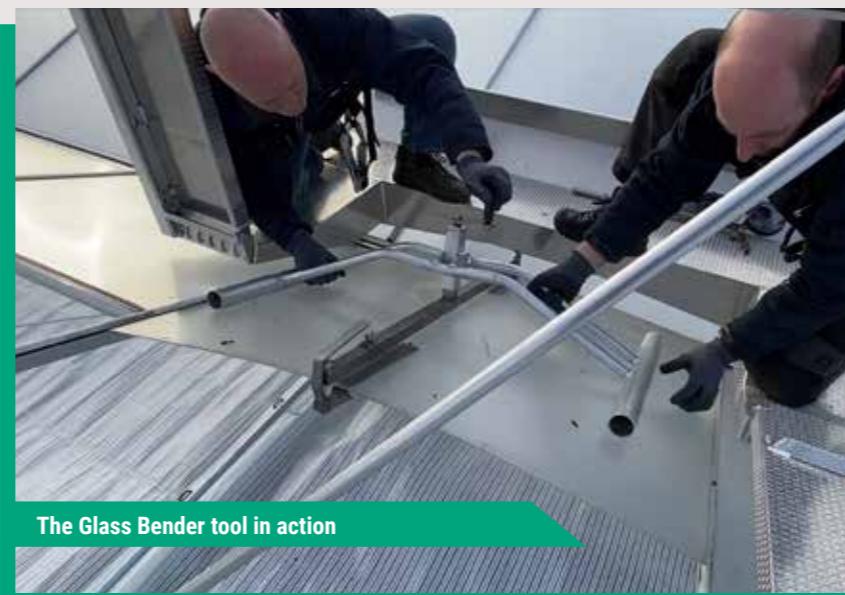
TO REPLACE GREENHOUSE
GLASS PANES

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.



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



A worker installing insect mesh from the Insect Mesh Mounting Cart

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.



The Insect Mesh Mounting Cart in action

ROOF MAINTENANCE FILM MOUNTING CART

CLEAN INSTALLS,

CLEAR RESULTS

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.



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**.

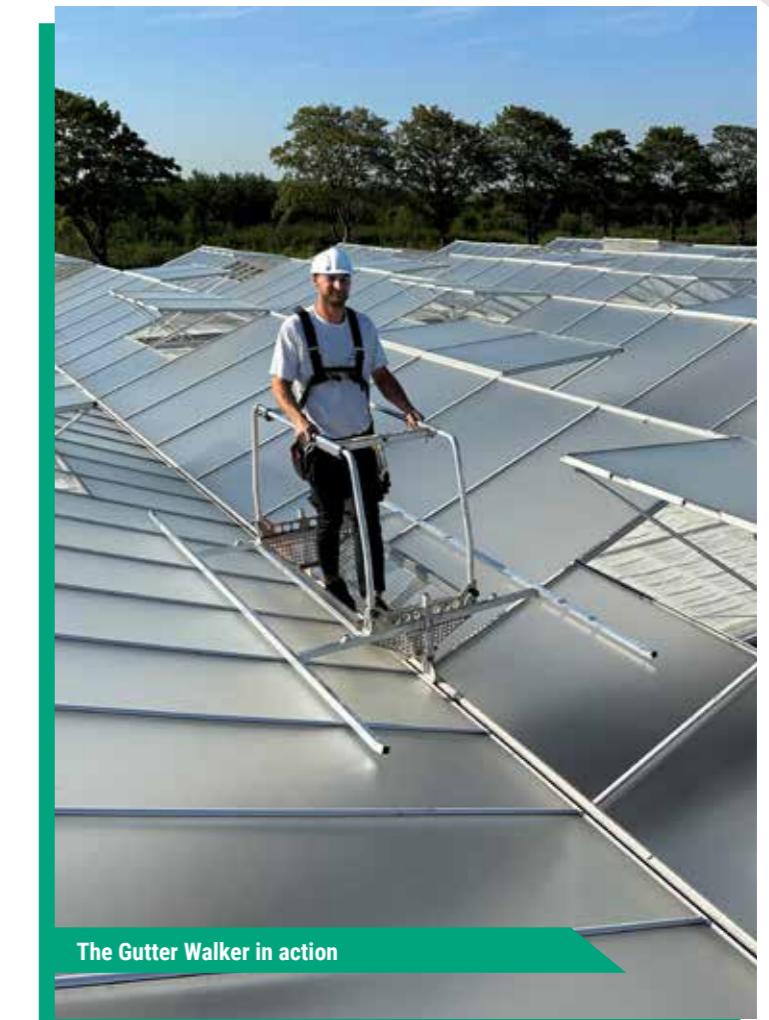


The Multi span Service Cart

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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