~ developed for excellence

VESTERGAARD COMPANY PRODUCT RANGE

COMPANY
VESTERGAARD
vestergaardcompany.com

Vestergaard Company manufactures, distributes and supports state of the art Ground Support Equipment (GSE) to the aviation industry worldwide. We offer a complete line of aircraft deicers, vacuum toilet service units, water service units as well as aircraft washers.

COMPANY VESTERGAARD

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INNOVATION. PERFORMANCE. RESPONSIBILITY. THE VESTERGAARD WAY.

At Vestergaard Company, responsibility is more than a trend — it's how we operate. Since 1962, we've been dedicated to developing advanced ground support equipment that helps airports operate more efficiently while reducing environmental impact.

Our vision is simple: to lead the industry with smart, low-emission solutions that deliver high performance without compromising our commitment to a cleaner future. Whether it's fully electric deicers, towable service units, or our trusted high-capacity equipment, every product we deliver reflects our drive for quality, safety, and operational efficiency — all with a planet-conscious mindset.

And we're here for the long haul. Our global Customer Support Department stands ready to assist — from routine maintenance to rapid-response trouble-shooting. We offer tailored service agreements to keep your equipment per-forming at its best, wherever in the world it's deployed.

Whether you operate a major international hub or a regional airfield, Vester-gaard solutions are designed to meet your needs today — and grow with your ambitions tomorrow.

At Vestergaard, innovation and environmental care go hand in hand. With us, you're choosing a forward-focused partner that delivers results — built for performance, driven by responsibility, and designed with the future in mind.

Up to 14-meter long telescopic boom

Scan the QR code for more details and the latest updated technical specifications.

Electric drive

Diesel drive

ELEPHANT® BETA

The World's Most Efficient Aircraft Deicing System

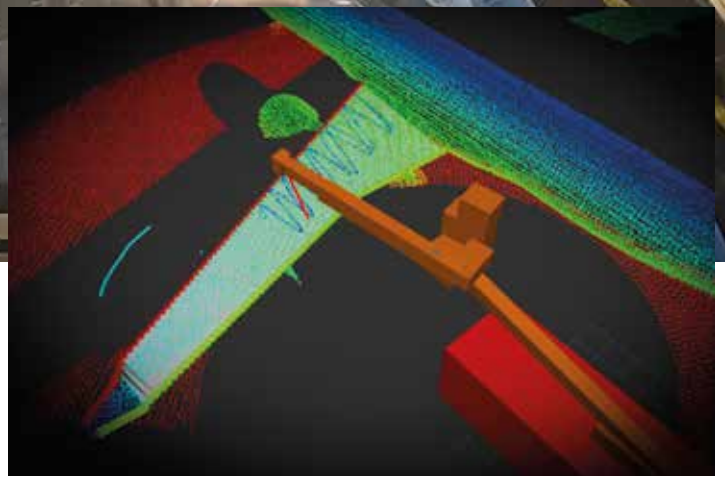
The Elephant® BETA sets the global benchmark for efficient, reliable, and environmentally responsible aircraft deicing. Featuring an extended telescopic boom and a proportional mixing system, it reduces operation time, minimizes glycol usage, and ensures the highest safety standards. The Elephant® BETA comes on a Volvo chassis, either in standard diesel or hybrid electric, and now also on a purpose-built fully electric chassis.

This advanced system provides operators with exceptional precision and control. Its 12-meter telescopic boom keeps the nozzle within one meter of the aircraft surface, optimizing de-icing speed while minimizing fluid waste. The ergonomic operator cabin, equipped with dual screens and intutitive joysticks, delivers superior visibility and a comfortable working environment. The Hot-at-Nozzle system circulates hot fluid to ensure instant efficiency, while the proportional mixing system adjusts glycol blends based on weather conditions, reducing waste and costs.

Additional optiond such as OPTIM-ICE, the semi-automatic deicing system and Data Transmission System (DTS) which collects and organizes fleet deicing data make the Elephant® BETA a sound choice.

MAJOR ADVANTAGES

- Faster deicing with minimal fluid waste
- Long reach reduces movements around the aircraft
- Electrical chassis with 145 kwh lithium-ion battery
- One-man operation for reduced manpower needs
- Proportional mixing for optimal glycol usage, reducing environmental impact



OPTIM-ICE

Semi-automatic deicing system

Scan the QR code for more details and the latest updated technical specifications.

Safety and efficiency are the highest priorities of all deicing operations. OPTIM-ICE delivers on both of these priorities. Vestergaard Company is proud to release the first version of our operator-assist deicing system. This first version is only for narrow-body wing and stabilizer surfaces and in the coming years, the software will be upgraded with increasingly more automation.
Using LIDAR radars OPTIM-ICE initiates a job by scanning the aircraft in one quick pass. The software immediately recognizes the aircraft surface and selects the appropriate deicing patterns. The software then takes over and assists the operator by moving the nozzle in pre-selected patterns across the wing and stabilizer.

The radars ensure that the nozzle or telescope cannot touch the aircraft surfaces. A software will slow down the approach and stop it completely at designated distance (typically 1 meter).

The operator is still in control, and it is his or her judgment whether the surfaces are clean, but OPTIM-ICE performs the operation semi-automatically. Training can be reduced as the software assists the operator.

OPTIM-ICE can be ordered on new Elephant® BETA deicers and be retrofitted to newer models.

MAJOR ADVANTAGES

- Minimize risk of collisions with aircraft surfaces
- Easier training regime – operational faster
- Efficient use of deicing fluids
- Reduces operator workload
- Possible retrofitting to newer existing units

Electric drive Diesel drive

Scan the QR code for more details and the latest updated technical specifications.

ELEPHANT® MY

– Smart Design. Proven Performance.

The Elephant® MY is built for airports that value efficiency, maneuverability, and dependable performance. Compact yet powerful, it brings Vestergaard's trusted deicing technology to environments where space and time are at a premium.

Its boom system rotates at the base, allowing wide, precise coverage, while the advanced suspension ensures stable operation across all working heights. The Elephant® MY delivers consistent results with low fluid consumption and can be driven from the basket. Options of Proportional Mixing, Forced Air, Hot-at-Nozzle, and telemetry are available, which makes it suitable for most airports.

The Elephant® MY can be mounted on either a standard diesel commercial truck chassis or a purpose-built electric chassis — offering the right fit for your operational needs and environmental ambitions.

Available in two versions: a fully equipped, high-spec model and a more economical option.

MAJOR ADVANTAGES

- Proportionally controlled boom movements for smooth, safe operation
- Optional one-man operation for ultimate flexibility
- Short wheelbase for excellent maneuverability
- Low maintenance costs and reliable performance
- Configurable with one, two, or three tanks

Electric drive

Scan the QR code for more details and the latest updated technical specifications.

ELEPHANT® E-MINI MY LITE

Clean Deicing for Modern Ground Operations

The Elephant® e-Mini MY Lite is Vestergaard's answer to responsible ground operations — a fully electric deicing unit tailored for small to mid-sized airports.

With zero emissions and near-silent operation, it helps reduce the airport's carbon footprint while improving working conditions for ground crews. Powered by a 40 or 60 kWh lithium-ion battery and built on a 12-ton e-chassis using tested industrial-grade components, this unit delivers dependable performance without the noise or pollution of a diesel engine. It eliminates idling emissions completely and significantly reduces particulate output.

Featuring a 4,000-liter dual-tank system for premixed Type I and Type II/IV fluids, the Elephant® e-Mini MY Lite efficiently services aircraft up to Boeing 757/767 size. Heating options include a all-electric system or a hybrid diesel heater, enabling a flexible, step-by-step transition to full electrification.

Compact, clean, and efficient — it's electric deicing built for performance and environmental responsibility.

▶ MAJOR ADVANTAGES ◀

- Fully electric for a minimal carbon footprint
- Virtually noise-free operation
- Easy operator access and usability
- Low maintenance costs and long lifespan
- Off-the-shelf availability and cost-effectiveness
- Compact design for easy aircraft maneuverability

Electric drive

Scan the QR code for more details and the latest updated technical specifications.

TOWABLE WATER & TOILET SERVICE UNITS

– Big Performance, Small Format

Designed for small airports with limited operations, Vestergaard's towable water and toilet service units deliver the same high-quality technology and reliability as our full-sized vehicles — just in a more compact and maneuverable format.

Mounted on a lightweight, short-wheelbase cart for easy handling, both units feature efficient lithium battery systems, onboard chargers, and intuitive operator panels. The toilet service unit includes an 800-liter tank setup (500L waste / 300L water), a self-cleaning, dry vacuum pump system for high-flow performance, and automatic overfill protection. The potable water unit holds 800 liters with a hygienic, dead-end-free fluid system to minimize bacteria growth.

Both models include fiberglass covers, LED working lights, low-level protection systems, and optional winterization kits — ensuring year-round readiness. Ideal for remote stands or airports with tight apron space, these compact units bring clean, quiet, and efficient service right to the aircraft.

► MAJOR ADVANTAGES ◄

- Fully electrical operation
- Compact
- Vacuum system – on toilet service unit
- Winterization option
- Economically attractive

e-WS and e-VTS

Electric Water Service and Toilet Service Trucks

Electric drive

The Vestergaard Company e-WS is a state-of-the-art electric water service truck designed to provide efficient and hygienic aircraft servicing. Equipped with food-grade stainless steel tanks and components, it ensures compliance with the highest standards for drinking water safety.

The e-WS can be configured with one or two tanks, including an optional drainage tank for removing water from aircraft. The tanks are insulated for all-weather reliability, and additional winterization options such as heated tanks, couplings, and a steam generator allowing for seamless operation in cold climates. Safety sensors on the adjustable basket optimize positioning and prevent collisions.

The Vestergaard Company e-VTS is a highly efficient and environmentally friendly vacuum toilet service unit. Powered by a robust lithium-ion battery, it can travel 50-75 km and operate continuously for approximately 12 hours, making it ideal for any airport setting, including closed hangars and zero-emission zones.

Scan the QR code for more details and the latest updated technical specifications.

The e-VTS is engineered for efficiency and reliability. Its powerful vacuum evacuation system ensures quick and safe waste removal, while self-cleaning tanks and integrated flushing systems minimize maintenance and downtime.

Enquire for diesel options.

► MAJOR ADVANTAGES ◄

- 8–10 hours of operation and 50-75 km range before recharge
- Safety features to prevent collisions
- Available with 40, 60, or 70 kWh batteries
- 3,000 liter standard, but also available in 4,000 and 5.000 liters and optional drain tank
- Optional heating and airconditioning features
- Powerful vacuum system

Electric drive Diesel drive

Scan the QR code for more details and the latest updated technical specifications.

ELEPHANT® MY LITE AIRCRAFT WASHER

When fuel efficiency and appearance matter, regular aircraft washing is essential. Dirt and debris not only affect an aircraft's aesthetics but also increase drag, leading to higher fuel consumption. A clean aircraft contributes to improved performance and reduced operating costs. Regular washing also extends paint life and helps detect surface damage early.

Vestergaard Company offers an open-basket Aircraft Washer based on the proven Elephant® MY Lite deicer trusted by operators worldwide, with 700–800 units in service. The washer features a specially designed basket with soft safeguards and optional protection systems, ensuring safe operation and maneuverability.

For added flexibility, it can be equipped with a separate detergent tank and mixing system, as well as an optional heater. One-man operation capability enhances efficiency and ease of use.

The Elephant® MY Lite Aircraft Washer is available on either a Volvo diesel chassis or Vestergaard's low-emission electric chassis — reducing environmental impact while maintaining top-tier performance.

► MAJOR ADVANTAGES ◄

- High-reach for easy access to aircraft surfaces
- Highly maneuverable – optionally One-man operated
- Short training needed
- Based on proven technology

Each QR code on this page gives you direct access to detailed product information, technical specifications, and descriptions of key features. Simply scan the code with your smartphone to quickly and easily learn more about each product or feature.

SCAN THE CODE

Glycol Recovery Vehicle (GRV)

Collects slush and water containing spent deicing fluid

ELEPHANT® BETA-15

The highest truly mobile aircraft deicer in the world

SIMULATOR

A state-of-the-art PC-based training tool

Data Transmission System (DTS)

Records and documents information on deicing operations

PREMIXER

Collects slush and water containing spent deicing fluid

Your Gateway to Effortless Service

Scan the QR code for more details and the latest updated news

CUSTOMER SUPPORT

– Your Operations, Our Priority

At Vestergaard Company, our equipment is built to perform reliably even in the most demanding conditions. With our comprehensive customer support, we ensure it continues to do just that.

Our global service team is always ready to keep your operations running smoothly whether you need rapid assistance or preventive maintenance. As part of our PLUS-Partner agreements, we offer complete preventive maintenance solutions. These include annual servicing of both the VCAS unit and the chassis, along with various types of safety checks all thoroughly documented in audit-ready service reports.

In addition, we provide spare parts within 24 hours, and our expert technicians can be on-site quickly when needed. We offer hotline support, during peak seasons extended warranty options, and hands-on training for your team, all designed to reduce downtime and maximize the lifespan of your equipment.

With decades of experience and a strong global reputation, Vestergaard is more than just a supplier we are your long-term service partner. Whether you need routine maintenance or urgent repair, one call connects you to a team that knows your equipment inside and out.

▶ MAJOR ADVANTAGES ◀

- Preventive Maintenance
- Fast Spare Parts Delivery
- On-Site Technical Support
- Hotline & Peak Season Support
- PLUS-Partner Service Agreements

Caution: Specifications are advisory only, and will vary.

Scan the QR-code to contact our departments.

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