



# For Clean Vehicles

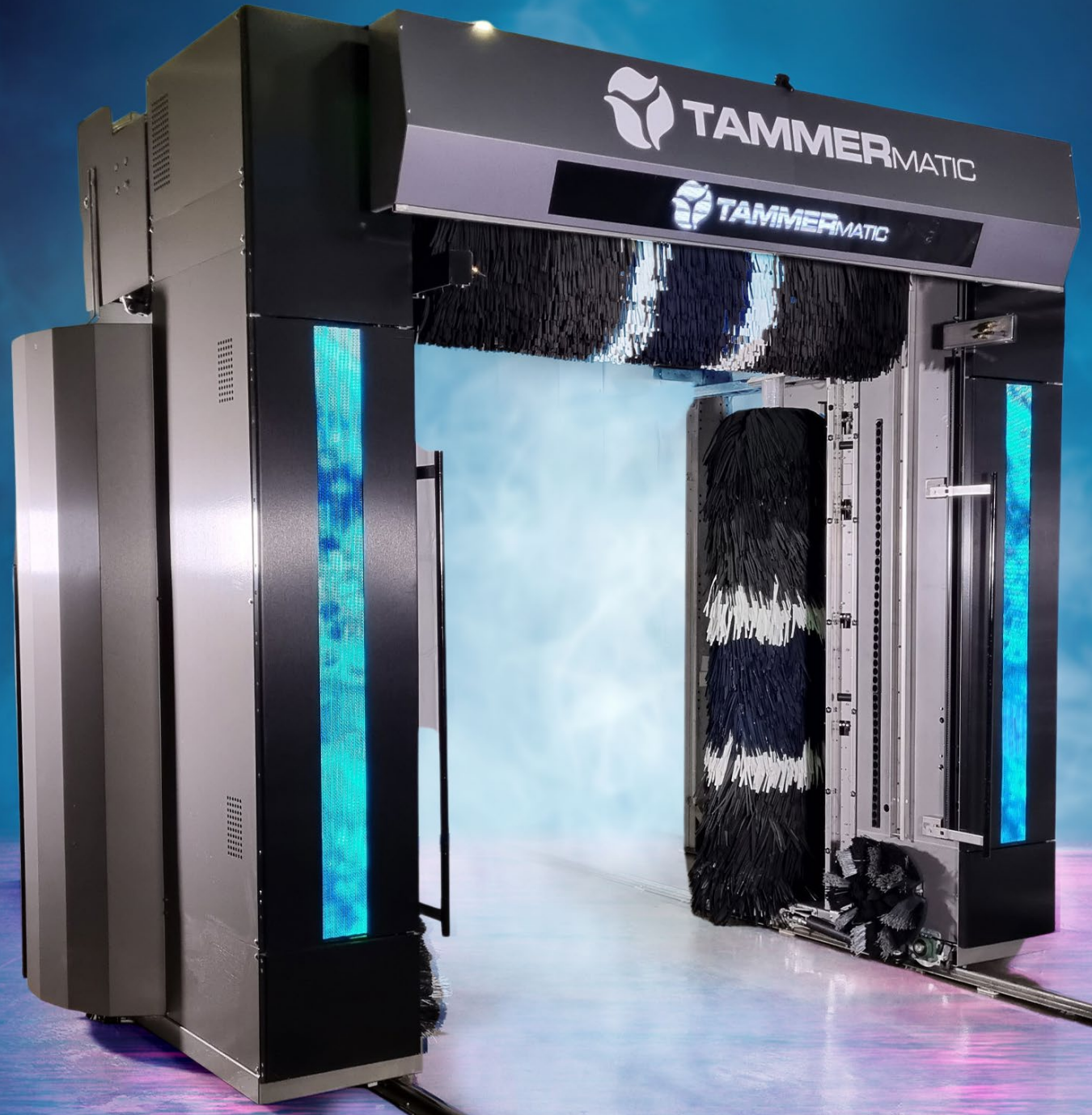
**Tammermatic FENiX**





# TAMMERMATIC FENIX

- Outstanding
- Intelligent
- Stable
- User-Friendly
- Greener Choice







FENiX is Outstanding

# FENiX is Outstanding

**Customer-specific machine colors and displays can be tailored to match your company's color palette and graphic style**

**—FENiX transforms to reflect the identity of your car wash business!**

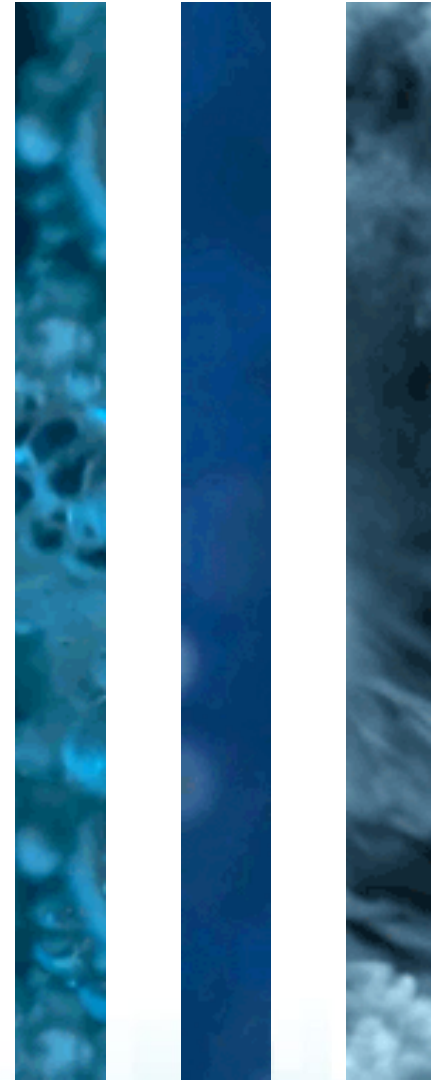
The modern exterior has been completely redesigned: Tammermatic FENiX's customizable facade blends visual appeal with informativeness for a stunning overall presentation. Individual customization through wrapping films and displays allows for a unique appearance, meeting even the most demanding preferences.

Unprecedented cleanliness with feather-soft washing: Soft brushes have been further developed, and the new brush construction enables even more efficient wash results while maintaining the familiar gentle washing experience. Thanks to the new technology, the brushes are quieter, adjustable, and bend more easily to reach challenging areas.

# FENiX is Outstanding

## DESIGN ELEMENTS:

- Wrapping film for doors
- Wrapping film for front panel
- Front panel logo decal
- Front panel display
- Door displays
- Soft Brushes







# FENiX is Intelligent


# FENiX is Intelligent

**Smart technology provides precise information about the car wash machine's status, enabling anticipation of disturbances and remote diagnosis of components —FENiX reduces interruptions in the wash process!**

FENiX's revamped control system is designed to meet growing demands: all measurable and adjustable motor controls have been converted to frequency converter drives to increase energy efficiency, adjustability and to reduce wash times. The control system is simpler, without overlapping systems. The computer operating system do not require updates or third-party software. UPS verification for the computer helps to take the system down controllably in time of power failure.

The new control system withstands disturbances better since the wash machine's control unit is located in a permanently installed control housing. Fault tolerance has also been improved, and versatile diagnostics are utilized. Measurements and reporting of wash chemicals are now even more accurate. Connected to TammerCloud, the system provides extensive reporting on the wash machine's operation.



A red SUV is shown from a rear three-quarter view, positioned inside a car wash. Large, dark, rotating brushes are visible above the car, and water is spraying onto its surface. The car's rear window, taillights, and bumper are covered in white soap suds. The car wash structure is made of grey metal panels with blue vertical accents. The text "FENiX is Stable" is overlaid in white on the car's rear window area.

**FENiX is Stable**



# FENiX is Stable

**Mechanical solutions bring reliability and efficiency, reducing disturbances in the wash machine. Maintenance is easier—FENiX produces more but requires less!**

FENiX has undergone extensive mechanical development. Examples of mechanical improvements that reduce wash machine disturbances and susceptibility to faults:

- Moving car wash machines contain only remote I/O modules, and the actual intelligence is placed in a stable environment.
- Airflow for drying has been increased, and the drying air column has been optimized to match the car profile.
- Component diagnostics have been improved so that faults can be located without replacing parts.
- More efficient motors extend their lifespan.
- Special attention has been paid to the protection of components.
- The carriage mechanism has been redesigned for durability and ease of maintenance.
- Maintenance points have been reduced.
- The soft brush construction has been updated.

A close-up photograph of a person's hands holding a tablet. The tablet screen displays a user interface with a prominent green color scheme, including a grid of buttons and a list of items. The person is wearing a dark long-sleeved shirt. The background is dark and out of focus, with some blurred lights.

**FENiX is User-Friendly**



# FENiX is User-Friendly

**The fully revamped and real-time user interface makes program adjustments easier and is freely movable – FENiX is user-friendly!**

Tammermatic FENiX's completely redesigned operating system is a tailor-made solution for wash machine use from the ground up. It is more user-friendly, real-time, withstands disturbances better, and meets the growing need for data collection with TammerCloud service integration.

The interface is designed for use with mobile devices, allowing operators to control the machine regardless of location. Wash machine control can be done from the wash hall next to the machine, from a service point outside the wash hall, or even remotely from our service center.

The interface is simplified and guides the user. This lowers the threshold for using the machine and improves the smoothness and efficiency of daily operations.

The interface provides real-time information about the machine and the washing process, reminds of upcoming maintenance needs, and, in case of a disturbance, offers the possibility of deactivating the faulty feature, allowing wash operation to continue.

**FENiX is a Greener Choice**





# FENiX is a Greener Choice

**Faster washes are possible due to technical improvements, water consumption can be monitored even per wash, material choices are based on lightness and recyclability, and more actions can be performed remotely—FENiX is a more sustainable choice!**

In the procurement of components and subcontract assemblies, we aim for local production whenever possible.

Tammermatic FENiX's water consumption can be measured per wash (option), making it easier to optimize wash programs.

Almost all materials are recyclable at the end of the washing machine's life cycle.

# Tammermatic FENiX line

- LUX, TURBO and PRO models
- JET brushless wash machine
- TAKT with washing and polishing/drying machine

# Tammermatic philosophy remains

- Custom-made to order
  - Customer choice of options
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