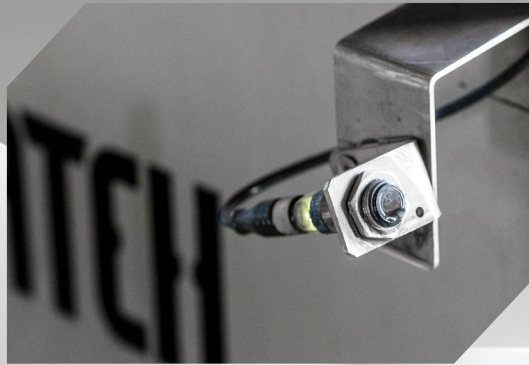
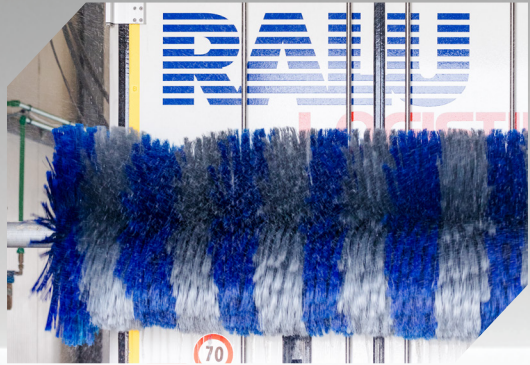
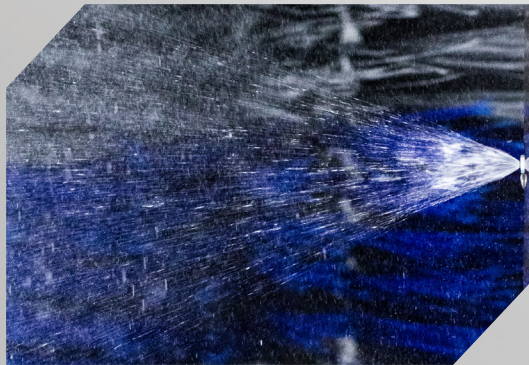




Alta Pro 42: Photocell



Alta Pro 42: Vertical brush in action



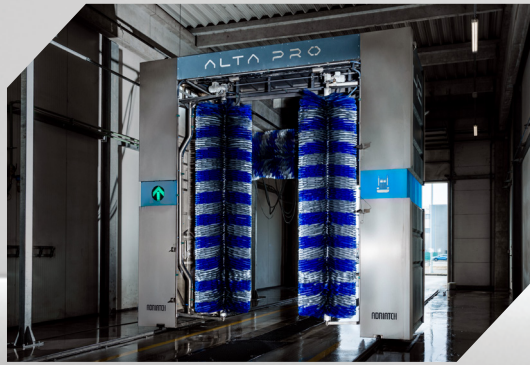
Alta Pro 42: Nozzle detail



Alta Pro 42: Rollover in action



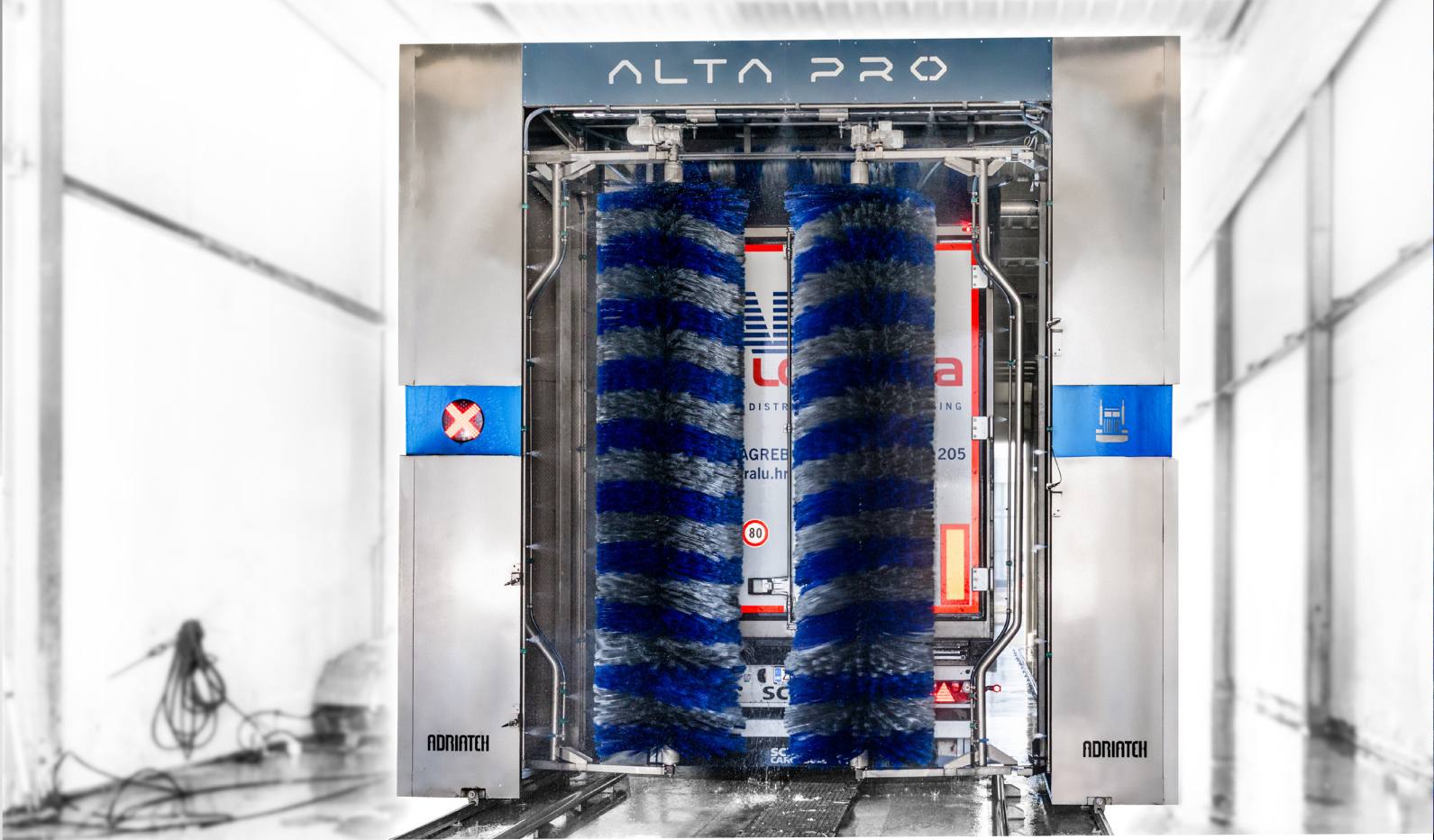
Alta Pro 42: Control panel



Alta Pro 42: Overview

Alta 42 Pro Photo Gallery

Find out more at adriateh.com/alta



Automatic truck and bus washing system.

Cutting-edge technology and materials
combined with timeless design.

2000+

2000+ completed projects in
over 40 countries worldwide.

Continuous product
enhancement enables us to
access new market
opportunities.

Throughout our 28 years of existence, we have successfully completed over **2000 projects** in 40 countries, setting trends that have become industry standards.

The Alta Pro 42 automatic wash system has been designed and manufactured with the needs of truck and bus **fleet operators** and commercial **wash facilities** in mind.

Like all our products, the Alta Pro 42 combines cutting-edge technology, resilient materials, ease of use, and avant-garde, timeless design.



IN-HOUSE
MANUFACTURING



ADVANCED
ELECTRONICS



PREMIUM
MATERIALS



INTEGRATED
ECOSYSTEM



Designed and produced in the **EU**



We reserve the right to make technical changes and updates at any time. The values, characteristics, and other information, as well as the images and drawings mentioned or contained in this technical specification, brochures, and other offer documentation, serve only as examples and are subject to continuous updating and adaptation. If we have not explicitly stated the data as binding, the corresponding information does not constitute a guarantee.

ALTA PRO 42

COMMERCIAL VEHICLE WASH SYSTEM

ADRIATECH

AUTOMATIC ROLLOVER

Alta Pro 42

Outstanding features,
outside and inside.

Distinctive fusion of advanced technologies,
premium materials, and avant-garde design.

The qualities that have placed us at the forefront of Europe's
vehicle washing industry, becoming an integral part of our
DNA, are also embedded in our automatic wash system for
commercial vehicles.

The Alta Pro 42 is equipped with advanced technologies,
quality materials, and features Adriatech's signature design -
ensuring clean vehicles with time savings and low
operational costs.

High-quality
components

Fast and efficient
washing

Distinctive
design

Technology
& features

Vehicle optimal positioning
system

The LED traffic light and
entry guides assist the driver in
optimally positioning the
vehicle for automatic
washing.

Built-in frequency
inverter

Quick, precise, and
controlled movements
reduce washing time and
extend the lifespan of
internal components.

Fast PLC in a waterproof
housing

The compact and fast PLC,
preloaded with washing
programs, is installed in a
secure waterproof
enclosure.

Stainless steel,
timeless aesthetics

Distribution arcs made of
resilient stainless steel,
boasting an impressive yet
minimalistic 4.2-meter
silhouette.

Schneider Electric

SIEMENS

High-end electronic
components

We believe in quality and use only the proven
components from leading manufacturers, labelled with
original branding indicating their origin and
specifications.

Options
& mask colors

High-pressure side
washing

The nozzles, with a water
flow of 120 liters per minute
(70 bar), remove stubborn
dirt from the vehicle's side
panels.

Vehicle underbody
wash

A series of vertically
spraying nozzles
thoroughly washes the
underbody dirt of
commercial vehicles.

Customized aluminium
masks

The appearance of the
Alta Pro 42 can be
customized with painted
aluminium panels. Four
colors are available.

RAL 5010

RAL 7016

RAL 3003

RAL 1028



Polyethylene brushes
with pressure sensors

The combination of
polyethylene brushes
and electronic pressure
monitoring, with 300
checks per second,
ensures controlled
adherence to the
vehicle surface.

ALTA PRO 42

Features
& specifications

Distribution arches &
pumps

- Stainless steel
- Long-life cycle nozzles

Horizontal Brush

- Motorized vertical
movements
- Electronic pressure control

Lateral brushes

- Aluminium shafts
- Electronic positioning
- Overlap function for front
and rear washing
- Brush stabilization with top
and bottom bearings
- Electronic pressure control

Washing programs

- Truck
- Lorry
- Trailer
- Bus
- Semi-trailer
- Mirrors bypass (option)
- Special vehicles (option)

Cleaning agents
application

- Optimally calculated distance
for applying detergent and
water

Construction

- Stainless steel
- Movement regulated by the
frequency inverter
- High-quality manufacturing
and quality control
- Aluminium mask aesthetic
cladding

Maintenance

- 25-meter galvanized rails
- Lubricated wheel bearings
and internal components
- Automatic anti-freeze
protection with air bleeding

Control panel

- Touchscreen display
- Easy operation
- Manual functions
- Notifications and statistics
- Waterproof enclosure

Washing movements

- Motion modulation via
frequency inverter
- Quick and precise
movements on all vehicle
surfaces
- High-quality sensors and
photocells by Schneider

PLC

- Fast and compact PLC
- Pre-installed programs
- Modular configuration
- Rapid data processing by the
controller

Options

- Side high-pressure washing
- Underbody high pressure
washing
- Rainfall cover
- Floor guides

Aluminium masks

- RAL 5010
- RAL 7016
- RAL 3003
- RAL 1028

Dimensions
& technical data

Dimensions (mm/kg)	
Operational height	4.200
Height	4.850
Operational width	2.900
Width	4.900
Depth	3.300
Weight	1.930
Rails width	4.000
Rails length	25.000

Performances

Movement speed	4-16 m/min
Water pressure	3-5 Bar
Air pressure (option)	8 Bar
Voltage	400 3/N/PE 50 V/Hz
Power	6-16 kW
Voltage control	24 V/Hz

High-pressure (option)

Water pressure	80 Bar
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