



# *MaxiWash*



 **WashTec**

*The suitable system for washing  
any commercial vehicle.*



## ***MaxiWash***

WashTec has exactly the commercial vehicle washing facility to meet your requirements. For any type of vehicle, for washing companies or for washing your own vehicle fleet:

- Extreme efficiency, durability and maximum washing performance for any type of commercial vehicle
- Machine control using microprocessor technology
- Side brushes with double bearings provide excellent reliability and consistently clean washing
- Sparing: Drive motors are controlled by frequency converters
- Rapid: A clean lorry within 2 minutes with MaxiWash Express
- Top washing result

## Flexible control for any type of commercial vehicle.



↑ Machine control with modern microprocessors provides a flexible programming facility.

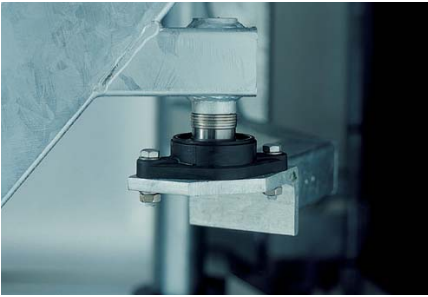


↑ Special programmes can be added for: Bus mirror washing, articulated trucks with spoilers, trucks with loading ramps and busses with ski carriers.



↑ A plain text display on the terminal makes the system easier to operate. Additional washing procedures are easy to program.

## Maintenance-free equipment saves time and money.



↑ Maintenance-free bearings in the slowly rotating units save lubricating work.



↑ Automatic safety monitoring of the roof brush prevents damage to the vehicle.



↑ Roof brush suspension with flat belts for low maintenance.

## Top quality for reliability and long service life.



↑ Self-test-capable sensors for maximum machine availability.

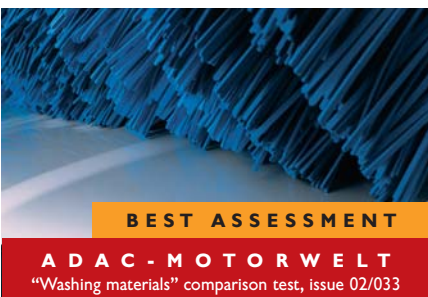


↑ Well planned frame for simple retrofitting of optional extra modules.

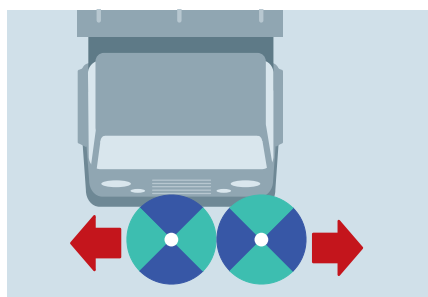


↑ Gentle, soft running is controlled by frequency converters, which also make washing speeds variable.

## Innovative solutions for excellent washing results.



↑ Ideal for washing busses: SofTecs® washes gently and without wear. This provides the shine for an appealing image.



↑ Side brushes with double bearings for even contact pressure.  
↑ Double centre overlap prevents marks.



↑ Transponder card-reader simplifies operation of the machine through the wash program stored on the card.

# MaxiWash

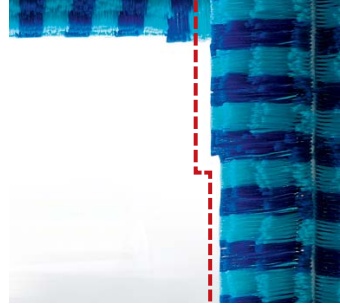
## Maintenance-friendly technology



- 1 Roof and side brush with easily replaceable brush segments



- 2 **Maintenance-free suspension** for roof brush using flat belt

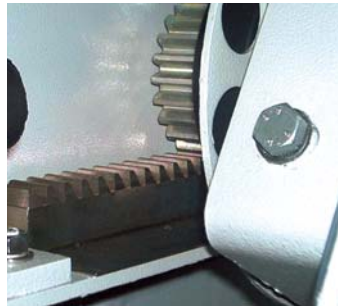


- 3 Contoured brushes for **optimal detection of vehicle contours**

## Heavy duty components



- 4 Unsusceptible motor housing of aluminium for side brush rotation



- 5 Side brush feed by heavy-duty toothed racks



- 6 Side brushes with double bearings provide excellent reliability and consistently clean washing

## Excellent Reliability



- 7 Gentle, soft running is controlled by frequency converters, which also make washing speeds variable



- 8 Contactless approach switches record data of brush position

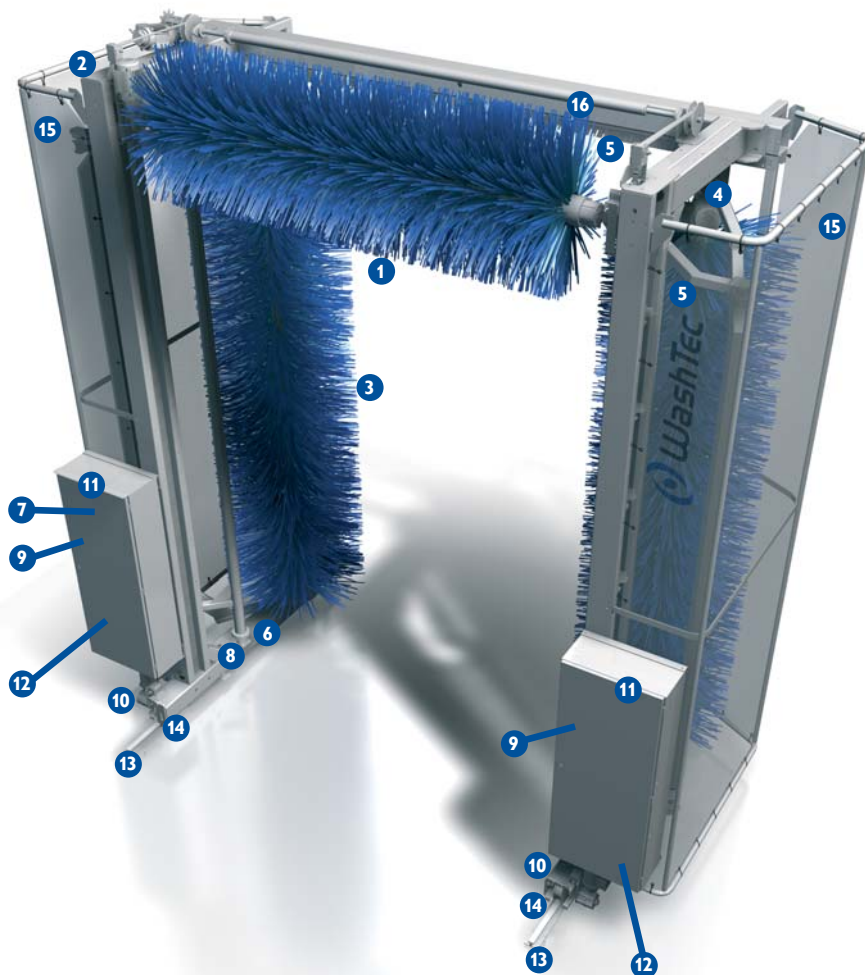


- 9 Machine control by microprocessors



- 10 Robust motors for durable drive

*Technical advantages  
from which your business  
can only profit.*



- 1 Roof brush
- 2 Roof brush suspension
- 3 Contoured side brushes
- 4 Side-brush rotation motor
- 5 Side brush feed by toothed racks
- 6 Double side-brush bearings
- 7 Frequency converters
- 8 Contact-free proximity switches
- 9 Microprocessor control
- 10 Drive motor
- 11 Stainless-steel vessel for cleaning chemicals and dosing pump
- 12 Shampoo dosing by dosing pump
- 13 Robust travel rails, welded
- 14 Tilt safeguard
- 15 Side brush splash protection
- 16 SofTecs® brush material for especially gentle wash

# MaxiWash Vario

The MaxiWash Vario lives up to its name. You can assemble your particular machine from a wide selection of options.

The variety of possible versions fulfil any wishes with regard to your wash system for commercial vehicles.



**Functional system – economical operation.**



- Moving wash gantry with side brushes (shown with optional roof brush)
- Top washing speed of 14 metres per min. 2 washes of an 18-metre truck in about 7 minutes

**Variable frame structure – easy retrofitting.**



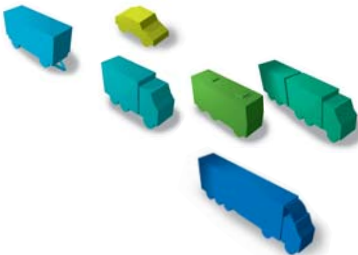
- The frame of the machine is designed for simple retrofitting of optional add-on modules as needed

**Modern electronics – flexible programming.**



- The machine controls, with their modern microprocessors, permit flexible programming
- Reliable microprocessor controls ensure optimum washing

**Wide range of services – ideal for washing companies.**



- Fully automatically controlled wash programs for automatic external cleaning of trucks, articulated trucks, trailers alone, busses, coaches, cars, station wagons, vans (optional special programs available for other types of vehicle)

**Precise controls – clean results.**



- Fully electronic regulation of the brush pressure for optimum adaptation to the contours of the vehicle and best wash results

# MaxiWashVario

## SofTecs®



- SofTecs® provides extremely gentle cleaning and polishes at the same time
- The material is particularly suitable for bus cleaning. It gives the paintwork a durable shine
- SofTecs® is extremely durable and will easily manage 50,000 washes

## Flexible design – universal use



- Flexible frame construction for a maximum vehicle width of 2.90 metres and a maximum vehicle height of 4.95 metres possible

## Underbody washing facility



- The underbody washing facility for removing soiling in chassis areas that are difficult to access
- Helps to maintain truck value and soon pays for itself with a vehicle fleet

## Chemical arch



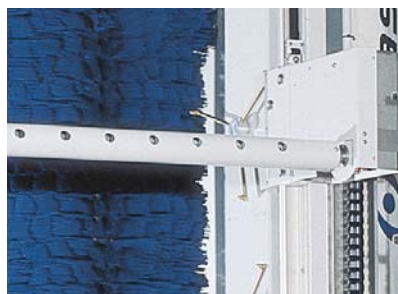
- Chemical spraying arch for even better washing results
- Available for stationary installation or fitting to the washing facility entrance with optional light barrier control
- Or installation on the roll-over unit for direct, economical use

## High-pressure arch



- High-pressure arch cleans areas that are difficult to access. For stationary use at the facility entrance or for installation on roll-over unit
- Versions: Chassis high-pressure arch, spraying height 1800 mm; Standard all-round high-pressure arch, spraying height 4200 mm; Professional divided high-pressure arch, spraying height 0-1800 mm and up to maximum washing height

## Contour-tracking high-pressure wash



- Contour-tracking high-pressure beam
- The pivoting high-pressure system follows the contours of the vehicle
- The high-pressure beam has bearings on both sides in vertical guide rails and is suspended on flat belts

## Spray rotation copes with any surface shape



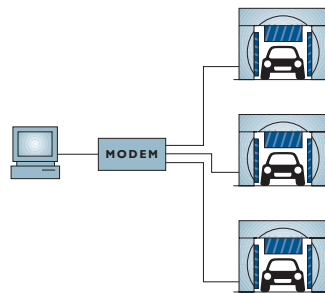
- Six rotors with full-jet nozzles are mounted above each other at each side of the arch
- The rotors have pivot bearings
- Pneumatic cylinders are used to switch over from front washing to rear washing

## Operating terminal with transponder card reader



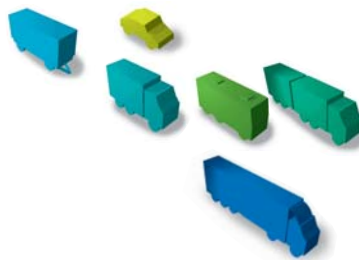
- Transponder card-reader simplifies operation of the machine through the wash program stored on the card

## Profit Manager



- Software for convenient washing data acquisition and evaluation
- Evaluations can be made simply and rapidly in the form of diagrams
- Includes convenient screen display for invoicing
- Modem data transfers allow data and washing statistics to be retrieved remotely

## Programmes



- Wide range of programmes for all vehicle types
- Special programmes for vehicles such as skip trucks and trucks with loading platforms, and programmes for spoilers and bus mirrors
- Customized programmes can also be developed in accordance with customer requirements

## Spray lance



- Spray lance for efficient vehicle precleaning
- Removes stubborn soiling using special cleaning agents

## Spray protection



- The spray protection is available in three versions; as a PE tarpaulin in self-coloured material or WashTec design, or alternatively as a transparent mesh

# MaxiWash Express

The stationary system for quick washing

→ Gain of time:  
Driver guides vehicle through the facility

→ Low space requirements thanks to stationary design

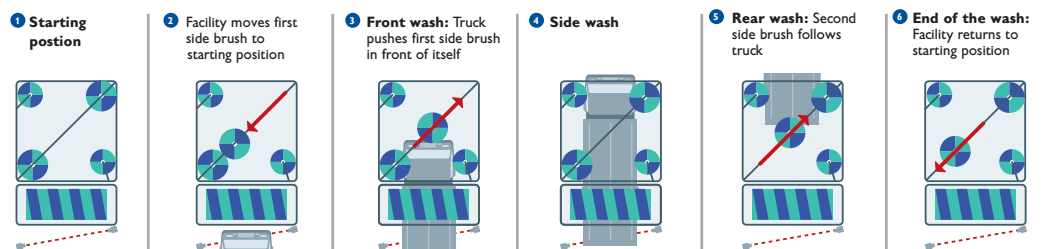
## Rapid wash in under 2 minutes.



Flexible brush position for real time reductions.



- Washing in the 4-brush station: After driving into the facility the first swinging side brush first washes the front of the vehicle, stops and then washes the right-hand side of the vehicle as the truck is moving through the facility
- When the rear of the vehicle reaches the second swinging side brush it follows the vehicle and washes the rear
- Two side brushes mounted in swivelling frames provide additional washing of the sides



### Traffic lights for a safe wash process.



- Together with light barriers at entrance and exit, traffic lights ensure safe washing

### Rapid cleaning for a permanently good image.



- Low space requirements thanks to stationary design
- Ideal for large vehicle fleets, takes little time to keep vehicles clean
- The driver drives the truck through the facility himself, and the vehicle is ready for use again immediately after washing

### Roof brush.



- Roof brush in swing technology as an optimum extra for all-round washing of your truck

### Underbody washing facility.



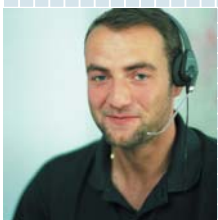
- The high pressure of the underbody washing system installed under the floor makes for clean chassis

### Contoured brushes with extra-large diameter.



- Side brushes with a specially large diameter reach even the inner areas of silo vehicles

# The “World of WashTec” has everything for your success.



- **Comprehensive range:** The right solution for your washing business can always be found.
  - **Roll-over car washes** for low, medium and high washing volumes
  - **Conveyor tunnel systems** with modular design for all sizes and all requirements
  - **Commercial vehicle washes** for washing companies and in-house requirements
  - **Self-service washing equipment** with modular design for all needs and different location sizes
  - **Water treatment** – chemical-free and environmentally friendly
- **Rapid service** 250 engineers in the field throughout Germany – **always in your neighbourhood.**
- **Tested quality** EN ISO 9001, 14001 certification – for your safety.
- **Reliable experience:** Innovative car washing technology for more than 40 years. **More than 2 million cars are cleaned in WashTec washing facilities every day.**
- **Value for money services:**
  - **Site analysis** for optimum sizing of your business
  - **Cost-effectiveness calculations** help with your planning
  - **Sales training for staff** increases revenue
- **Customized financing plans:** We will promote your business at fair conditions.