



“How do I wash large articulated trucks, quickly and thoroughly?”

Easy: with our advanced commercial vehicle wash systems.



Equipment details and accessories.

For vehicles with complex shapes and designs.

Discover a new approach to a flexible and fast vehicle wash with the MaxiWash Combi. Combining a contour tracking high-pressure wash with the option of a gentle brush clean, it is perfect for every commercial vehicle, from buses and coaches to truck fleets, including American prime, skels, concrete trucks, garbage trucks, tractors and mining vehicles.



Even cleaning.

The double mounting of the side brushes at the top and bottom provide a constant, firm surface pressure and allow for an even brush guidance. Washing results are thereby considerably improved. The central overlapping function at the front and rear ensures best cleanliness without stripes.



Variable frame structure – easy retrofitting.

The machine's strong yet versatile frame is designed for simple retrofitting of optional add-on modules as needed.



Gentle operation.

The use of frequency converters guarantee a smooth and gentle operation as well as a variety of washing speeds. Thanks to the latest microprocessor technology, you can choose from a wide range of programs and be sure to always receive best results.



Robust components.

Wherever mechanical forces are at work, there's a danger that malfunctions might occur. That's the reason we only use materials of the highest quality. The encapsulated motors made from resistant aluminium are proof of precise workmanship and stand for a long service life.



Safe handling.

The guide rails are equipped with a tilt protector which makes them less vulnerable to mechanical strain.



Spray rotation copes with any surface shape.

Six pivot bearing rotors with full-jet nozzles are mounted above each other at each side of the arch, giving a powerful clean. The pneumatic cylinders are used to switch over from front washing to rear washing.



Chemical arch.

For best results, we offer a stainless steel chemical arch and a foam arch that can be mounted either at the entrance of the washing bay or directly on the gantry. A regulation via a light barrier, for a targeted and economical use, is optionally available too. An optional osmosis arch delivers better drying results with an extra sheen.



Contour-tracking programs.

A diverse range of programming options are available that use the pivoting high pressure beam to follow the contours of even the most complex vehicles.



Effective cleaning of complex contours.

For vehicles that are difficult to access, we provide the following high-pressure arches that can be mounted either stationary or directly on the gantry:

- High-pressure arch Chassis, spray height 1800mm
- High-pressure arch Standard all around, spray height up to 4950mm
- High-pressure arch Expert, divided, spray height from 0–1800mm and up to the maximum washing height.

Best performance technology for optimal cleaning.



Underbody washing facility.

WashTec's underbody wash is one of the most powerful on the market. Run by a 45kw pump and with the option of an automatic start, it is an additional item to optimise your vehicle wash system.

- Great for HVI and HTI's.
- Provides a clean environment for mechanical maintenance.
- Enhances the longevity of your vehicle asset.
- Less road drop (e.g. weed & seed, coal, oil, concrete, fertilizers, etc.) means an Environmentally conscious fleet.



Contour-tracking high-pressure wash.

The roof beam is 360° rotatable, meaning it can follow each and every contour of the vehicle. It is able to clean rugged surfaces and removes even the toughest grime. The high-pressure beam is mounted on vertical guide rails and fixed by a flat belt. Optional TurboNozzles can be fitted to the contour tracking high-pressure wash for an even more effective clean.

TurboNozzle technology.

With the TurboNozzles, water is formed into a point jet and as it rotates it forms a distinct cone of high-pressure water. Dirt is removed from the vehicle sides and in the sill area during the first pass of the high-pressure wash and the second pass cleans the front, roof and rear.



For perfection and speed it has to be WashTec.



Quick washes = low consumption = low operating costs.

The MaxiWash Vario offers squeaky clean results in a short amount of time. With a top washing speed of 14m per minute, It has the ability to complete 2 washes of an 18m commercial vehicle in about 7 minutes, making it one of the fastest utility vehicle wash of its kind.

- Over 42 B-Doubles washed in an 8 hour day
- Over 60 buses washed in an 8 hour day



7 minutes



For an especially simple and gentle wash.



Low-maintenance.

The bearings of the rotational drive and the drives for the brush infeed, hardly need any maintenance – so there's no need to lubricate. The suspension for the ceiling brush also needs little maintenance thanks to its flat belt. The robust gear rack that activates the side brushes is low-maintenance too. Frequency converters allow for continuously adjustable washing speeds, putting less strain on bearings and motor. This translates into low maintenance costs for you.



Clear and easy handling.

Allow your system to be regulated in a clear and simple manner – with terminals with clear text displays and specific service-buttons. An optional transponder card reader, allows the washing programs of each vehicle to be read easily and quickly.



Simple dosage.

The pumps that dose the shampoo are easily accessible and allow for a precise adjustment of the amount of chemicals needed.

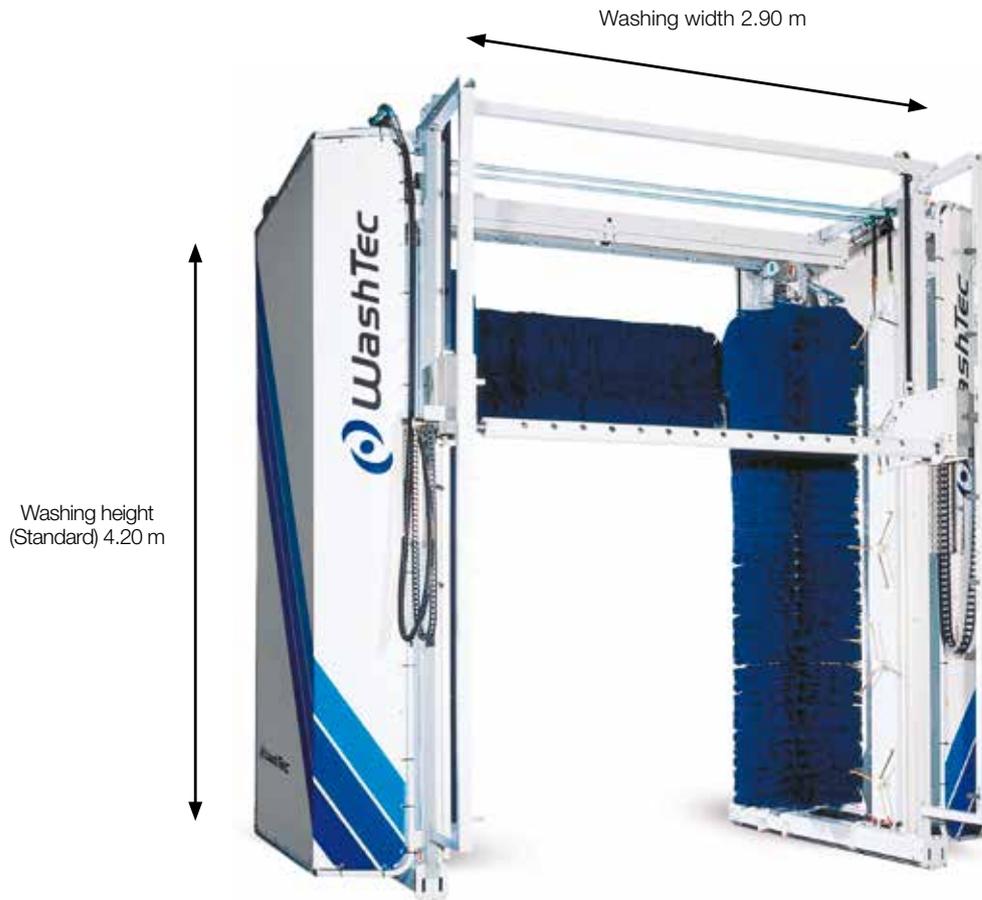


Easy-to-exchange brushes.

Parts of the roof and side brushes are especially easy to replace.



Intelligent design and robust looks.



Flexible construction.

A flexible frame construction of up to a maximum width of 2.90 m and heights of 3.30 m to 4.95 m is easily possible.



Splash guard.

The splash guard consists of a dense PE-cover available in a single-colour design (see left), a WashTec design, an art collection design or as a netting for the outdoor area and can be individually manufactured upon your request.

Brushes.

Optionally, you can also choose from a variety of brush colours from the WashTec colour catalogue.



For a pure, touch free,
high-pressure clean.



MaxiWash Vario Touchless.

The MaxiWash Vario Touchless allows you to take the powerful washing features from the Combi machine without the need for brushes. The contour tracking, high pressure arch and rotating spray nozzles, makes it perfectly suited for all types of truck fleets, including articulated trucks, transporters, tankers, tractors and mining vehicles.



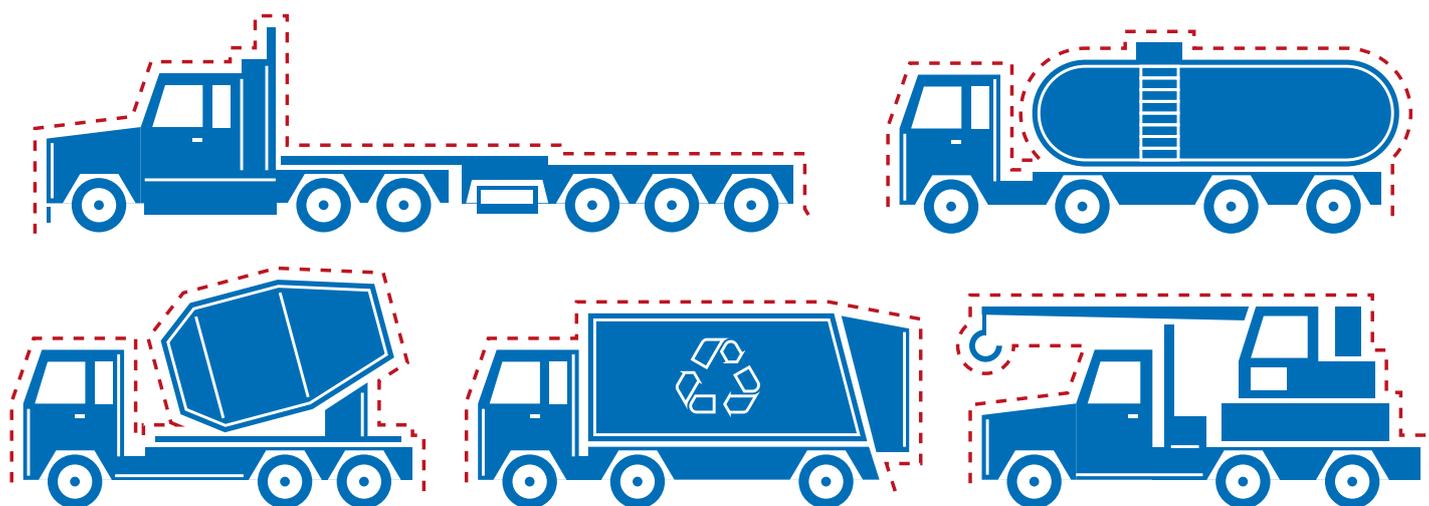
Touch-free technology.

The MaxiWash Vario Touchless' high-pressure contouring wash now allows you to wash the most complex commercial vehicles available, quickly and thoroughly, without the need for contact with brushes.



Pure turbo washing.

The power of the spot jet nozzles even reaches into the difficult to access areas of the vehicle. Windscreen wipers, wing mirrors, number plates and hard-to-reach-areas are no match for the new TurboNozzle technology. The difficulty of cleaning problem zones is now a thing of the past.



Contour-tracking high-pressure wash.

The chemicals for dissolving dirt are applied effectively and precisely via the pivoting high-pressure beam, easily following the vehicles contours, making even the most complex vehicles easy to deal with.

Car wash means WashTec all over the world.



More than **35,000** installed machines.

WashTec is used in car washes around the world – **and washes 2.75 million vehicles** a day!

Represented in over **70** countries.

More than **1,700 employees** help us shape the future of the car wash business, including over **600 service technicians**.

Over **50** years of leadership in innovation.

We set the standards in the **car wash business** – and actively push the market forward.

Quality wash chemicals for all applications.

Perfectly tailored to our systems and the requirements of businesses and their customers.

www.washtec.com.au

