

➤ CONVEYOR TUNNEL SYSTEMS

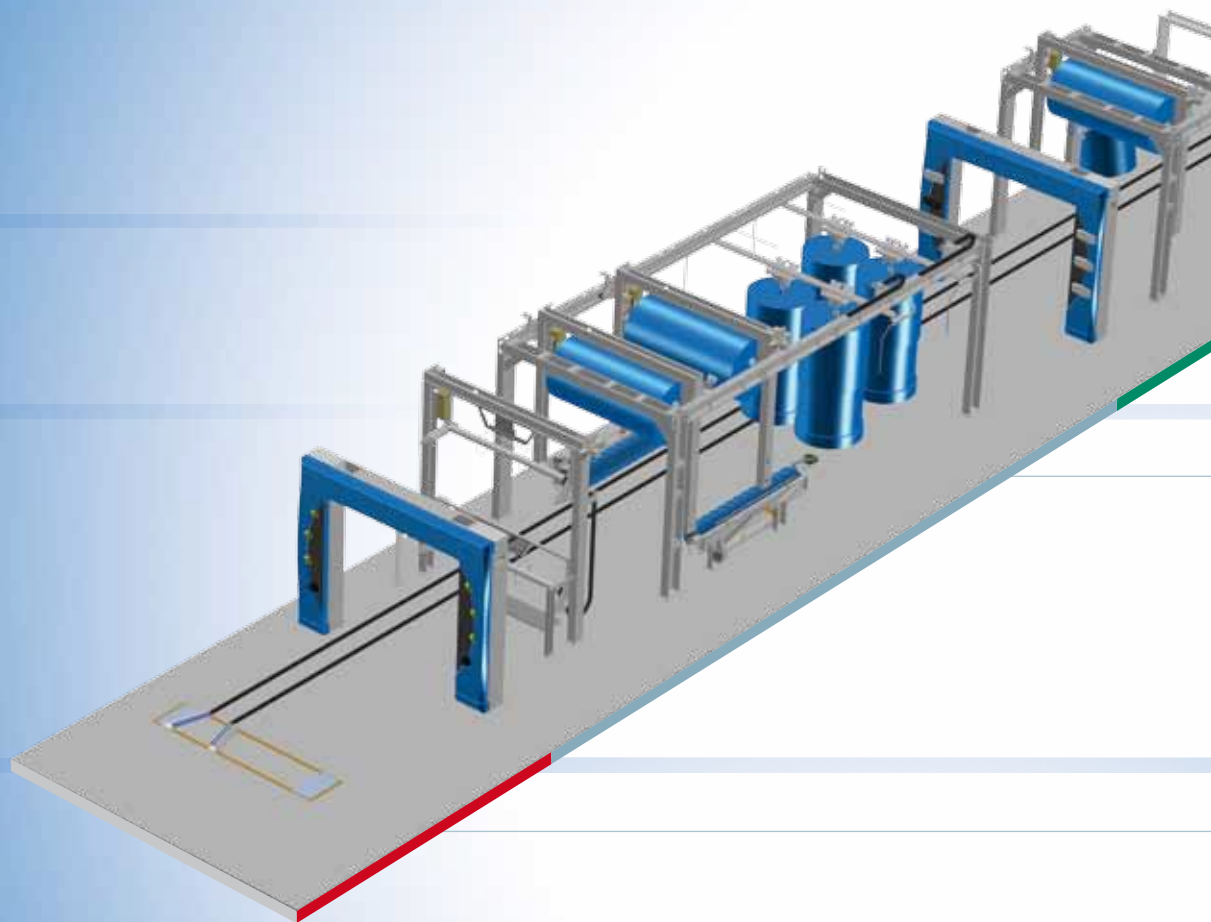
SoftLine²



 ***WashTec***

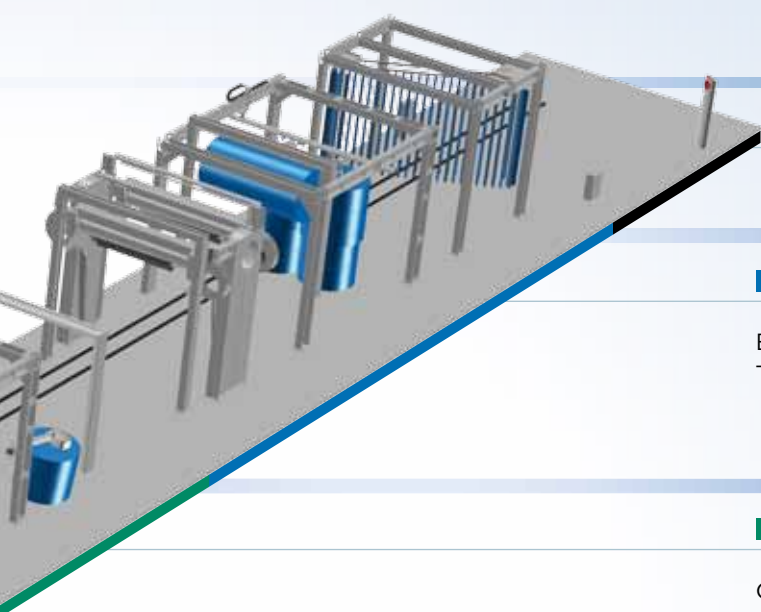
The latest technology, from project planning through to

➤ PROJECT PLANNING IN 3D



This is what your car wash could look like:
(example graphic from WashTec project planning)

operation of your car wash.



■ TECHNOLOGY OPTIONS

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■ ENTRANCE

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Entrance portal – first impressions

➤ OPTIONALLY AVAILABLE IN THREE VARIANTS



An attractive entrance portal shows selected services and striking visual effects attract attention

- **“Multi” design:** Portal with illuminated programme displays, can be individually configured with pictographs and text information
- **“Smart” design:** Portal with illuminated programme displays, customizable to any customer need in terms of labelling and colour selection. An illuminated overhead sign, price display and entrance traffic signals are optionally available

are lasting



3 Design: Star

- **“Star” design:** Portal with pictographs, flashing lights and optional LED display
- **Integrated light barriers** optimise the washing process by accurately measuring the vehicle
- **Up to 3 spraying systems can be integrated:**
 - Entrance area: Foam system, chemical pre-wash, rim cleaning
 - Care/protection area: Foam wax system/ShineTecs, cold/hot wax system, chemical drying aid

Control

➤ TOUCH CONTROL PANEL

- Intuitive graphical user navigation for increased operating convenience
- Operation and configuration of system parameters (e.g. prices, opening times, etc.) using a greatly simplified user interface
- Integrated error display and wash programme counter
- Activation options: Transponder cards, code input, barcode scanner



- Configuration of individual system modules can be specifically controlled from the menu and is easy to carry out using user-friendly input symbols/numbers
- Three-dimensional representation of the system modules



Conveyor systems

➤ ENTRANCE AID



- Roller-mounted displacement plate assists drivers to position their vehicle onto the conveyor track
- Plastic rollers ensure gentle contact with the tyres, available in several colours
- For safety reasons, the displacement plate only moves after contact with the vehicle

➤ CLOSED CONVEYOR BELT SYSTEM



- System with closed chain assembly
- Smooth-surface plastic side walls with rounded edges provide tyres and wheel rims with maximum protection
- Low-maintenance drag rollers
- Surface height of 76 mm reliably prevents the wheel from slipping off the side of the track
- Smooth running provided by infinitely adjustable conveyor speed via a frequency converter
- Suitable for tyre width up to 330 mm

➤ CONVEYOR-BELT SYSTEM MADE FROM STRONG SYNTHETIC MATERIAL



- System made from 22 mm thick plastic chain for longer service life, higher belt loads and longer chain lengths
- Accommodates tyres up to 375 mm wide
- Surface height of just 60 mm prevents conventional wheel rims from touching the belt
- Synthetic material allows conveyor belt to move smoothly and quietly

High-pressure cleaning

➤ BPS HIGH-PRESSURE ARCH

- Spot spray nozzles assist cleaning at critical points on the vehicle
- The spot spray nozzles are suspended over the vehicle, ensuring that all parts of the vehicle are cleaned effectively
- The additional swinging motion of the nozzles allows the front and the rear of the vehicle to be cleaned
- The frequency of the swinging motion is coordinated to match even high conveyor belt speeds



➤ HIGH-PRESSURE STATION

- Contour-controlled, rotating, high-pressure roof beams for effective high-pressure cleaning close to the vehicle
- Vehicle contours are detected using light barriers
- Optional electronically controlled movement path of up to 1250 mm for more intensive cleaning of the vehicle
- Can be flexibly combined with different lateral high-pressure variants
- Pressure levels up to 16/70 bar



OPTIONAL!

- Built-in high-pressure arch
 - Free-standing high-pressure arch
- More information available at washtec.de

Underbody wash and wheel wash

➤ UNDERBODY WASHER

- Removes salt residue and dirt from the chassis
- 22 flush-mounted water jets for the underbody and two inclined nozzles facing outwards for effective wheel architecture cleaning



➤ WHEEL SILL WASHER

- Optimum cleaning of wheels and sills using a single unit
- 2450 mm long longitudinal brush
- Extremely low-maintenance equipment with long service life
- Wheel sill washer is moved against vehicles using pneumatic cylinders



OPTIONAL!

- Positionable lateral high-pressure VBR on wheel sill washer
 - High-pressure unit on wheel sill washer
- More information available at washtec.de

High-performance technology for different requirements

➤ PATENTED LINEAR TECHNOLOGY



Method of operation

The top and side brushes move in the direction of travel as the front and rear of the vehicle are being washed. As a result, the radiator grille, headlamps, bumpers and registration plates are cleaned for longer and therefore more intensively.

Faster brush movement

The top and side brushes accelerate briefly while swivelling in towards the rear of the vehicle. This ensures that the brushes maintain contact with the vehicle, producing a better cleaning result.

➤ EXAMPLE SOFTLINE² SLX

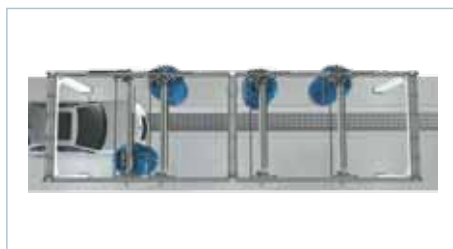
How the wash works

The first pair of side brushes wash the vehicle front and sides while the second pair wash the sides and rear.

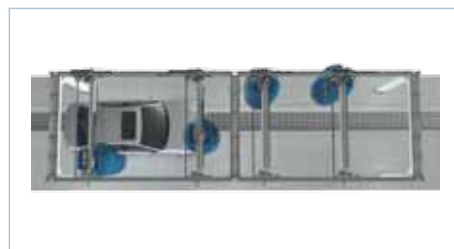
What is new is that the side brush pairs change sides and remain there until the next vehicle arrives.



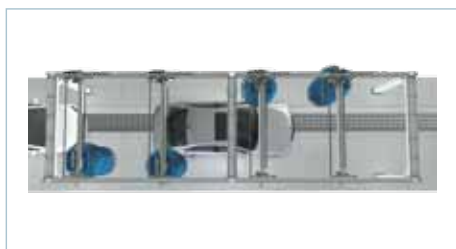
The side brushes are in their initial position on the left of the washing station.



The first side brush washes the front of the vehicle, switches to the right and washes the right side of the vehicle.



The second side brush washes the front of the vehicle, also switches to the right and also washes the right side of the vehicle.



The third side brush starts washing the left side of the vehicle.



The fourth side brush also starts washing the left side of the vehicle.



After washing the side, the brushes switch over to the right of the vehicle while washing the vehicle rear.

SoftLine² Linear – maximum flexibility

➤ SOFTLINE² LINEAR



Top washing results, even at fast conveyor belt speeds

- Thanks to the modular Vario concept, the top and side brushes can be flexibly combined with each other depending on the requirements of the particular location or customer needs
- Depending on the location, the conveyor belt speed and the brush material, wash stations can provide a washing capacity of up to 120 standard vehicles per hour
- Electronically controlled linear movement paths for the side brushes from 450 to 1250 mm, adapted to the conveyor belt speed for the best possible washing quality
- Conveyor belt speeds of 4.5 to 13 m/min.

A gentle way of car washing

➤ **SOFTECS**

- SofTecs – the absolutely gentle car wash – will increase repeat business and encourage new customers.
- No sign of any deposit even after 300 washes
- SofTecs is extremely long-lasting and easily achieves up to 50,000 washes
- SofTecs achieved the highest score in the ADAC comparative test.
- 90 % of all new WashTec machines roll out with SofTecs



➤ **PREMIUM TEXTILE – GENTLE CAR WASHING**

- The narrow strips of textile are soft and provide excellent washing results.
- Textile brushes are robust and hardwearing. Its flexibility ensures reliable cleaning of all popular vehicle models.



Conventional polyethylene materials are still available.

The perfect finish keeps customers coming back

➤ CARE STATION

More service for added revenue

Having a large number of care and preservation programs encourages customer loyalty and, at the same time, can be used to increase the average wash price



➤ CARE OPTION

ShineTecs – paint protection with the “repair effect”

ShineTecs can even obscure tiny scratches in the paintwork and reliably remove dirt from them. Each application enhances the clear topcoat, producing a brilliant shine. Applied regularly, ShineTecs care also makes cleaning the car easier, since water runs off the surface more easily and dirt is easier to remove.



Dryers

➤ BLOWER DRYERS

The new linear-travel dryer generation can hardly be beaten from a technical standpoint. Its longer period close to the vehicle and the rotating dryer technology provide a prolonged exposure time and optimum orientation to the vehicle, leading to the best possible drying results.

- Linear-travel overhead dryer prolongs the exposure time for drying, about 30% longer for critical areas like the rear, front and spoilers
- Various options thanks to the flexible combination of top and side dryers; fixed or linear-travel variants
- Contour-tracking overhead dryer with fixed or optional rotary roof nozzle for better drying results
- Rotary roof nozzle can be programmed for many different angles depending on the vehicle position
- Integral effect: optimised air flow from the roof nozzle also dries vehicle sides (flow speed are higher on the sides than in the centre)
- A dual-belt lift system with belt integrity monitoring on both sides guarantees safe operation of the car wash



OPTIONAL!

- Side blower dryer
More information available at washtec.de

Textile drying

➤ BRUSH DRYER



- Outstanding drying results at the front and rear of the vehicle thanks to proven linear technology
- Top and side brushes use all-round polish drying to provide drying results that meet any demands

Drying and exit

➤ ROTATING CLOTH DRYER

- Installed after the blower as an additional dryer
- Angled and straight variants available
- Cloth strips are suspended from sturdy mounting brackets
- Gently removes residual droplets



➤ COUNTDOWN TRAFFIC LIGHT

- Multicoloured LED traffic light in attractive stainless steel housing
- At the end of the conveyor belt, the car wash customer receives ongoing information about the time remaining in seconds until he or she should drive off the conveyor belt
- Customers are motivated to drive away more quickly, and conveyor stops due to collision protection are reduced



Optimise your wash business

➤ INFO/PROGRAMME COLUMN

- High-quality, illuminated stainless steel column
- Can be used as a fully illuminated info column or
- Programme column with individual controlled and illuminated programme names
- Display can be customized to your requirements



➤ CENTRAL VACUUM SYSTEM



The perfect addition to your car wash business. Make the best possible use of the space available and offer your customers more. After all, a clean outside is improved by a clean inside.

➤ MAT WASHER

Simple, fast cleaning for floor mats. This functional stainless steel mat washer is equipped with powerful rotary cleaning brushes and a switchable water insert. They make floor mat cleaning fast and simple.



➤ PROFITMANAGER

Take advantage of this option for more business success with ProfitManager, the software written just for car wash operators!

- Equally well-suited for gantry car washes, conveyor tunnel systems, self-serve jet washes and utility vehicle washing systems
- Simple, user-friendly and individually customizable user interface
- Individually configurable functions that match your business





WashTec has everything for your success in the washing business.



EXTENSIVE RANGE:

Providing the right solution for your washing business:

- ROLLOVER CAR WASHES for low, medium and high washing volumes
- CONVEYOR TUNNEL SYSTEMS in a modular system for all dimensions, for all requirements
- COMMERCIAL VEHICLE WASHING BAYS for paid washes and own washing needs
- SELF-SERVICE WASHING TECHNOLOGY in a modular system for all requirements and various site sizes
- WATER TREATMENT – chemical-free and environmentally friendly
- WASHTEC CHEMICALS – cleaning and care products for all car washes

RAPID SERVICE:

Widespread deployment of skilled service technicians – always close to you.

FLEXIBLE FINANCING CONCEPTS:

We promote your business on fair terms.

RELIABLE EXPERIENCE:

Innovative car wash technology for more than 50 years.

Every day, more than 2 million cars are washed in WashTec car washes.

VALUABLE SERVICES:

- SITE ANALYSIS TO DEFINE THE BEST SOLUTIONS FOR YOUR BUSINESS
- FEASIBILITY STUDIES SUPPORT THE CAREFUL PLANNING
- EMPLOYEE SALES TRAINING BOOSTS TURNOVER

CERTIFIED QUALITY:

Certifications as per EN ISO 9001, 14001 – for your safety.

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VDA conformity: WashTec car wash technology and wash chemicals are VDA-compliant



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