



**CENTUS**  
Roll-Over Wash Unit

**Christ**  
WASH SYSTEMS

# CENTUS

## Target group

Car dealerships  
Auto repair workshops  
Fleet operations  
Petrol stations

## Design

High-grade plastic panelling and individual color selection.



## Future

Fulfills requirements for future seal awarded by German Association of the Automotive Industry.

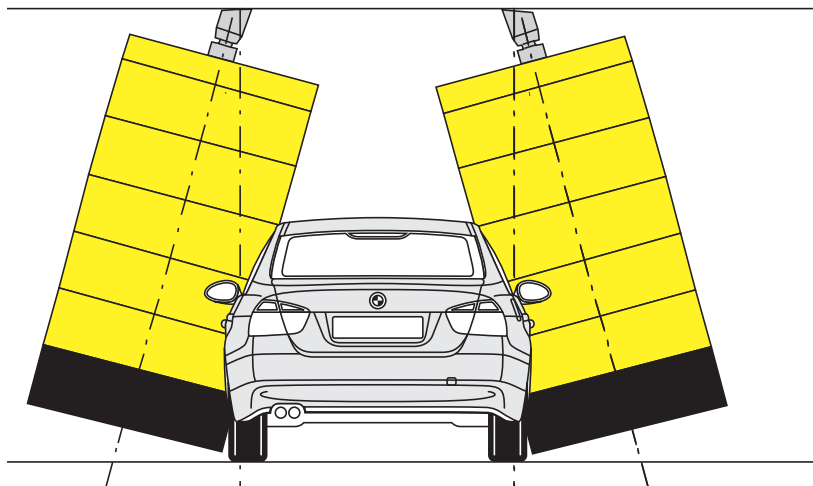
The right to make changes to construction and design are reserved. Pictures may contain equipment only obtainable at a surcharge.



# Convincing performance



# Washing



## OptiFlex

Pneumatically controlled wash cylinder diagonal positioning guarantees even and gentle adaption to every auto body form.

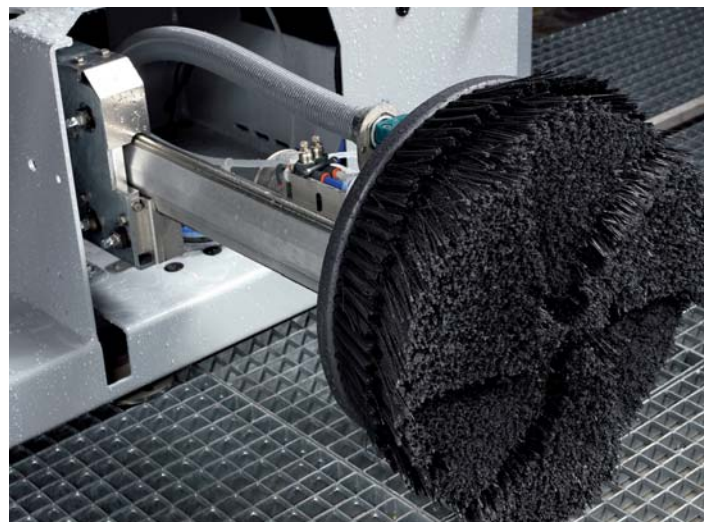


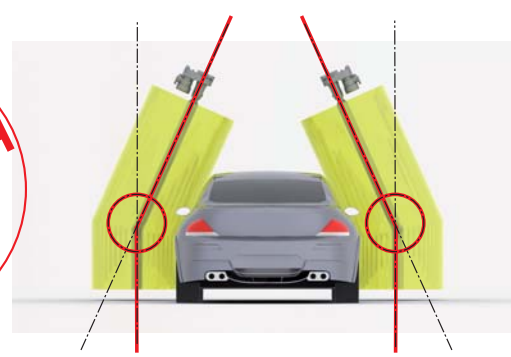
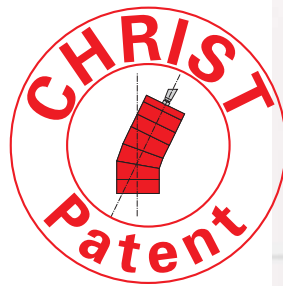
## Centre cross-over wash

The side cylinders perform a complete centre cross-over wash, guaranteeing an immaculate front and rear wash.

## Wheel wash device

Robust stainless steel design. Linear guidance of the inner irrigated wheel wash brushes. Large disc diameter for 21" wheel rims. Increased cleaning performance through pulsating brush application and rotation direction change. Wheel identification via photo cells.





#### Jointed side cylinder device

The tried and true jointed brush device only available at Christ AG awards vehicles with the best wash results during the forward and return cycle. Evenly applied pressure and optimum identification of the vehicle's contours guarantee gentle cleaning. In addition to the technical advantages, the angled form wins over customers with its appearances and is positively perceived as a special feature by the wash customer.



#### SENSOTEX+

Exclusive wash material made from textile. For increased cleaning performance and maximum vehicle gloss effect.



#### SENSOFIL +

Optimized wash material made from foamed polyethylene.



#### Rim spraying device

The wheels are sprayed with special chemicals during the pre-wash program. Clinging brake dust is effectively loosened before the brush wheel wash.

# Supply regulation systems



## Adjustment panel

Modern water and air technology are located behind this device. A controller and a manometer for the air-pressure, pneumatic oiler and water pressure monitor prevent washing without water. The unit switches to emergency switch-off should the water level drop too low.



## Dosing device

Electrically controlled metering pumps ensure that the chemical concentrates in each container are dosed precisely. In addition to the standard lifting setting, Christ's dosing pumps additionally feature a frequency control for fine setting. Settings can be performed from the control console.



## Wash agent containers

The unit can be equipped with up to 6 containers according to the program constellations. The plastic containers are scaled and thereby simplify consumption monitoring.



## User-friendly

Comfortable access from the front side where the water maintenance and control cabinet are housed.

High-grade door elements guard splashing water from reaching the inside components.

# Switchgear unit

## Unit control

The clearly laid out switchboard is located behind an additional, transparent access doors. Compact, industrial SPC-control with a modern bus system forms the heart of the wash unit computer. The multisided functions are precisely controlled and guarantee that the sequence of operations is carried out safely.



## Diagnosis system

The electronics monitor the most important components of the wash unit. Error notices and breakdowns are indicated in clear text on the display. Fast self-help is enabled by the acknowledgement system.



## Brush control

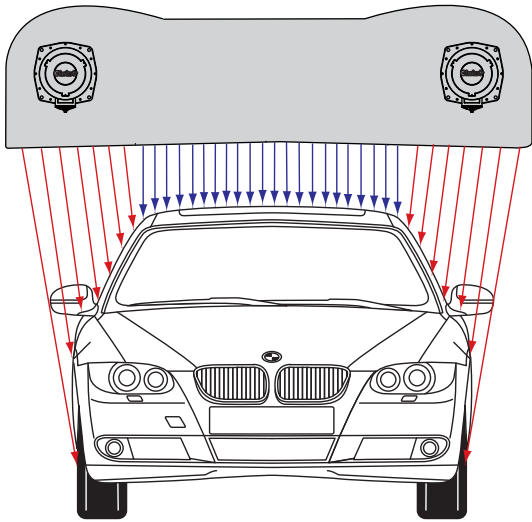
Using the current consumption, power and control modules measure the wash cylinder's applied pressure. Moderate application of the cylinders service for a gentle vehicle washes.

## Variable and smooth

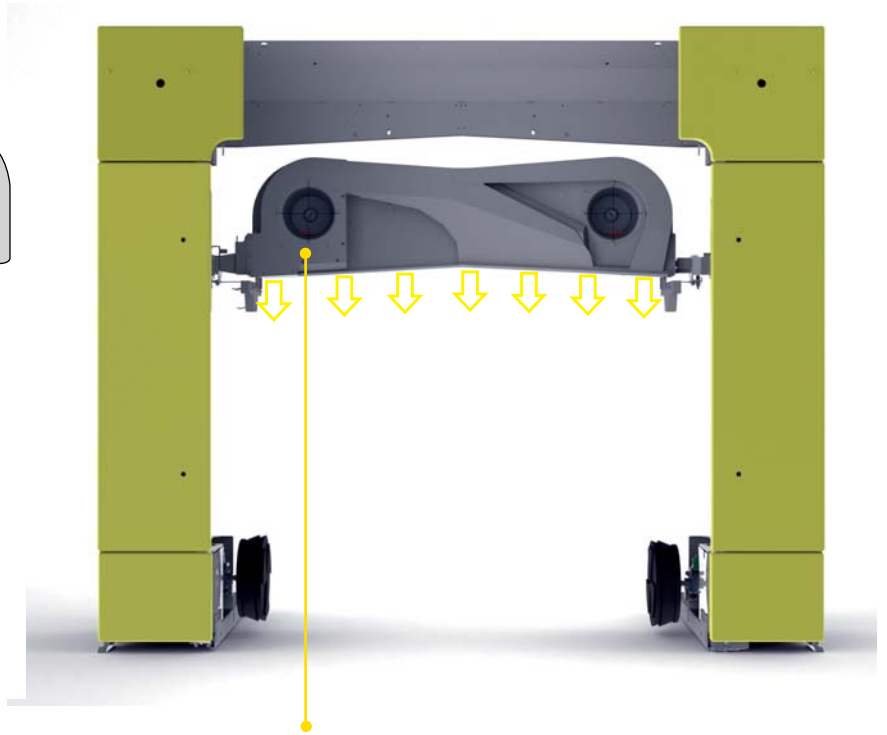
Frequency converters control the electromotor's traction and lifting drives. Variable and smooth movement sequences optimize the operating cycles.



# Basic model dryer system



The roof jet of the novel DIVO blower is also able to dry the vehicle's side surfaces.

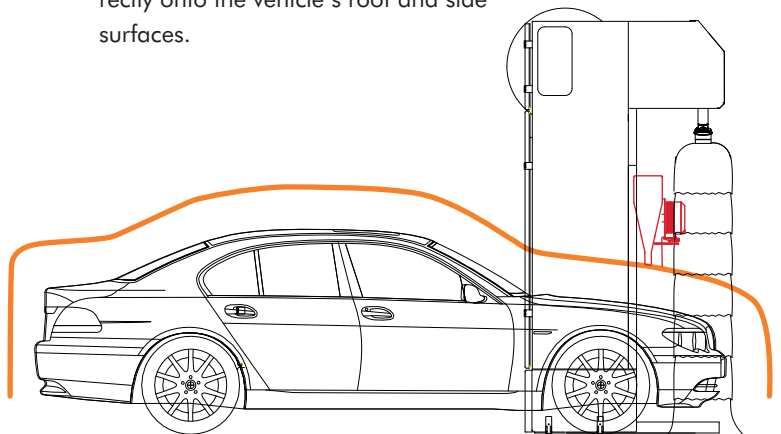


## Christ DIVO blower

Novel air-flow technology! Minimized power consumption despite high air volume – features you profit from with the extraordinary Christ DIVO roof blower. A two meter wide air nozzle outlet ensures concentrated and highly efficient air flow directly onto the vehicle's roof and side surfaces.

## Drying through memory function

During the wash cycle, the vehicle's contour is scanned and intermediately saved electronically. The roof jet drying operation follows the contour of each vehicle's surface.



## Green-Line

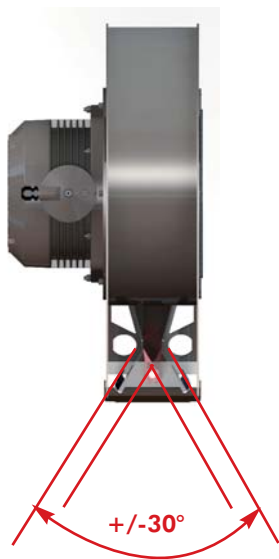
Less energy required through air-flow optimised blower body. Energy efficiency included!



## additional drying options

### Pivoting roof jet +/-30°

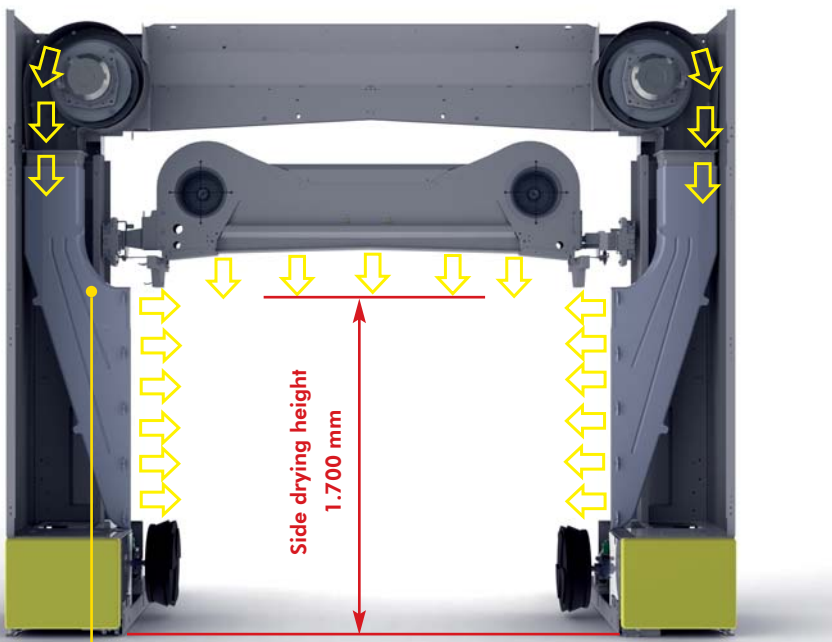
Front and rear vehicle areas are better reached and dried with this optional equipment for the roof blower.



### Extended drying device

This concept is recommended if using higher drive through height, and in forced drying speed to achieve higher throughputs.

The adapted roof drying and two additional side blowers optimize the whole vehicle drying.



### Drying height

The lateral drying height is by all frame sizes up to 1.70 m



# Extras make a good thing even better... ...and your customers value that!



### Active foam device

Clinging dirt is effectively loosened before the vehicle wash:  
The foundation for gentle vehicle cleaning.

### Indication system for front panel configuration

The decorative design increases unit appeal. Five white LED lights show the corresponding program steps.



### Side high-pressure 85 bar

Vehicle sides are cleaned, soaked and freed of coarse dirt particles before the main wash with three high-pressure jets on each side of the unit, laying the foundation for a gentle wash.



### Wax device

Wax is applied to the vehicle's surface in an extra operating cycle to achieve a high gloss effect. Large surface water sheeting for catalyzing the drying process and permanent paint surface protection. This care program helps to preserve the vehicle's value and increases the amount of programs that can be offered.

An additional special wax device is also available.

# Service devices



## Program selection device C-CAT

A wash ticket can be generated for the customer at the cash point using the C-CAT device.

The printed code is used to start the program on the wash unit. Further functions are possible in connection with a data line connecting the service device to the wash unit.



## Service terminal Wall mounted device

For starting the wash unit via program or code input. Protected clear overlaid keypad with illuminated control panel.



## Service terminal Standing device

This upgrade enables free-standing allocation. The support column can be used to house accessory equipment such as the: magnet card reader, coin acceptor, barcode reader and intercom unit.



# Everything from one source from Christ's wash factory



## Our assortment:

- Roll-over wash units
- Wash tunnels
- Water recycling units
- DIY wash systems
- Truck wash units
- Special units
- Self-service vacuum cleaners
- Advertising material and accessories for car washing
- Car wash and care products



## Our services:

- Limited site analysis
- Profitability calculation
- Projection assistance
- Operator trainings
- Financing concepts
- Marketing assistance

- Our area-wide service network guarantees fast help
- Service headquarters with hotline
- Fast supply of wear and tear and replacement parts

**Christ**  
WASH SYSTEMS



## Otto Christ AG

Wash Systems  
P. O. Box 1254  
87682 Memmingen  
GERMANY  
Tel. +49 83 31 857-0  
Fax +49 83 31 857-249  
www.christ-ag.com  
export@christ-ag.com