

CADIS

Roll Over Wash Unit



The Real Car Wash Factory

Christ
WASH SYSTEMS





CADIS

The Sparkling One

CADIS is a powerful, modern roll over wash unit of the next generation with a wide range of equipment options and two design lines. This model was specially developed for particular requirements of gas stations, wash centres and the basic equipment version for small maintenance operations.

An essential feature is that the CADIS meets the new Christ standard (low emission, high performance) and convinces with very small outer dimensions and maximum wash width/height. The variable drying concept and a modular system enable the machine to be precisely adapted to the requirements of the location. Low investment costs, consumption and maintenance costs guarantee maximum revenue for the operator.

Vitesse programme sequence:

- active foam, lateral high-pressure and brush wash in only one portal pass
- new wash experience
- 20 % more turnover / revenue

Highlights:

- SILENT-drying system
- 15% more drying performance
 - optimized blower body
 - less flow losses
- horizontal high-pressure contour following
- vitesse programme sequences
- XL-wheel wash device
- enlarged brush diameter
- VISUS display | traffic light function | wash programme steps
- compact outer dimensions
- OPTIFLEX-inclined position of the lateral brushes



Design line STRIPE:

- attractive design even in the basic version
- individual choice of the STRIPES colour according to the Christ colour palette
- optional:
 - positioning light left and/or right
(arrow forwards, stop, arrow backwards)
 - pictogram display with 5, 6 or 8 fields
 - splash protection for horizontal and lateral brushes



Design line BLADE:

- PREMIUM design line
- individual choice of the BLADES colour according to the Christ colour palette
- optional: splash protection for horizontal and lateral brushes
- coloured VISUS display for an attractive customer communication
 - traffic light function: (arrow forwards, stop, arrow backwards)
 - wash programme steps are displayed
 - indicates system failure
 - displays max. vehicle height/width



Trimming for the wash highlights:

- enlarged diameter of side and horizontal brush
- optimized immersion depth for better wash result
- increased velocity of circulation
- faster lifting drive of horizontal brush
- 1/3 greater density of trimming
- higher wash performance

Specially co-ordinated wash materials:

POWERBRUSH+ | SENSOFIL+ | MICROMIX+

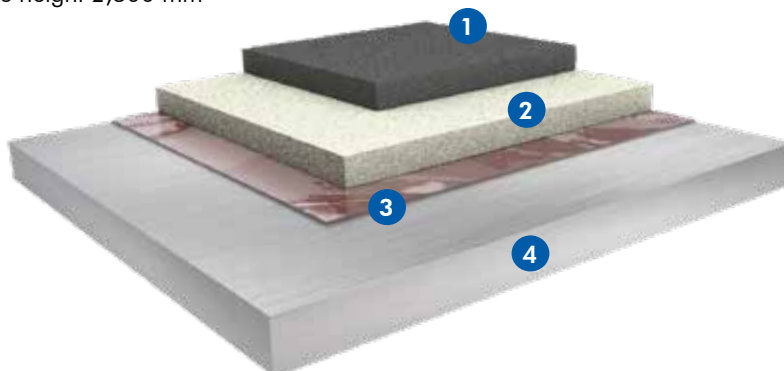
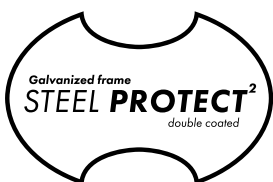
Available colours:

- | RAL 9007 grey aluminium
- | RAL 9005 deep black
- | RAL 5015 sky blue
- | RAL 6024 traffic green
- | RAL 6018 yellow green
- | RAL 3000 flame red
- | RAL 2009 traffic orange

Optimum functional dimensions

Domain	Values	Pointers
Machine height	3,040 mm*	
Machine width	3,500 mm*	3,650 mm with vehicle width 2,700 mm
Vehicle width	2,550 mm*	in mirror zone, optional: 2,700 mm
Vehicle height	2,100 - 3,100 mm	in 100 mm steps
Track wheel guiding pipes	2,100 mm	with / without interruption to get out
Track motion rails (optionally in stainless steel)	2,700 mm 2,800 mm 2,900 mm 3,120 mm	vehicle width 2,550 mm vehicle width 2,550 2,700 mm vehicle width 2,550 2,700 mm vehicle width 2,550 2,700 mm
Diameter horizontal brush	950 mm	SENSOFIL+ MICROMIX+
Diameter lateral brushes	1,040 mm	SENSOFIL+ MICROMIX+
Diameter wheel wash brushes	550 mm	linear system trimming with contour cutting

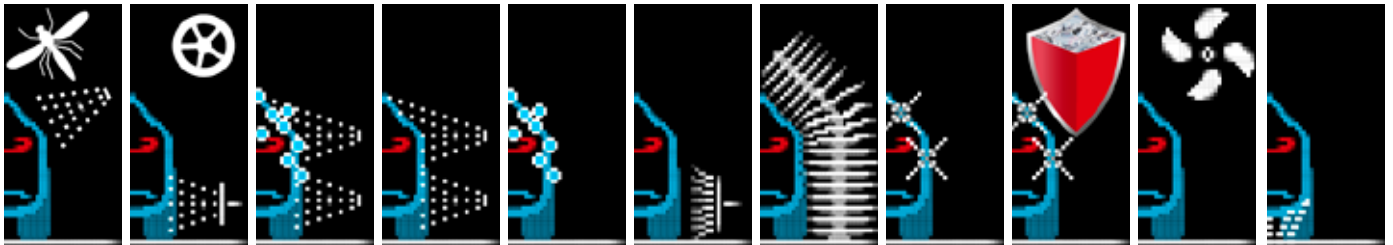
* Design STRIPE with vehicle height 2,300 mm



1. Powder coating 2
2. Powder coating 1
3. Hot-dip galvanising
4. Steel plate

BLADE

VISUS display



Possible coatings for STRIPE and BLADE

- | RAL 7021 black grey
- | RAL 9006 white aluminium
- | RAL 650-M Christ standard
- | RAL 5015 sky blue
- | RAL 5002 ultramarine blue

- | RAL 6024 traffic green
- | RAL 6018 yellow green
- | RAL 3000 flame red
- | RAL 2009 traffic orange
- | RAL 1023 traffic yellow



Power from All Sides

High-pressure pre-wash

- Wheel high-pressure with two or four rotating nozzles
- Lateral high-pressure with four or six rigid nozzles

Optionally selectable:

- contour following horizontal high-pressure with eight nozzles (additional portal pass)





15% More Power

Flow-optimized drying system

- SILENT-drying system
- Four-motor blower system
- Widened XL horizontal blower (+150 mm) with 2 x 3 kW
- Specially designed for light commercial vehicles and SUVs
- 100 mm deeper lowering of the horizontal blower
- Lateral blower 2 x 4 kW/drying height 1,750 mm
- Anodised horizontal/lateral blower

Optionally selectable:

- Fly-In drying
- pneumatic swivelling of 40° in the rear area



Better Wash Result

Our recommended options



Season chemistry

Optimal dissolving of insects before main wash



HP wheel, sill wash device

Main soiling is removed before mechanical vehicle wash



Spray system rim-chemistry

Brake dust is dissolved in a controlled manner and guarantees an optimum rim result



Underbody wash device, swivelling

Swivelling underbody wash device
Optional: extendable via segments



Mobile underbody wash device

With length measurement and lower water consumption



1 Rear facing PREMIUM

Modern and high-quality machine optics for locations that can be seen at the exit

2 Rapid wash equipment

Optimal extension for the programme sequence: forward cycle wash, backward cycle drying

3 OPTIFLEX

Optimum contour scanning of the lateral vehicle surfaces due to pneumatically controlled inclined position of the lateral brushes

Operation Terminal

TOUCH POS & TOUCH START



Wall installation

TOUCH POS:

- modern user interface
- touch user interface 10.1 inch

Self-service variants:

- transponder card reader
- PIN Code system
- barcode scanner
- integrated bank card terminal



TOUCH START:

- modern user interface
- touch user interface 10.1 inch
- wall installation

Self-service variants:

- PIN Code system



Foot installation



1. BLADE as preferred style element

Brand characteristic of Christ wash systems, high recognition value

2. Double-sided VISUS displays

Easy light positioning for the wash customer

3. Enlarged diameter of horizontal brush 950 mm

Improved wash result. Vehicle contour is fully captured.

4. Enlarged diameter of lateral brush 1,040 mm

Improved wash result. Vehicle contour is fully captured.

5. Enlarged diameter of wheel wash brush 550 mm

Improved wheel wash result

6. Traction drives and drives for brushes with worm gear

Quiet operation of traction drives and drives for brushes

7. Lateral blower 2 x 4 kW / drying height 1,750 mm

Very good drying of the side surfaces, low noise emission

8. Up to 6 chemical types / wax with foam cartridge

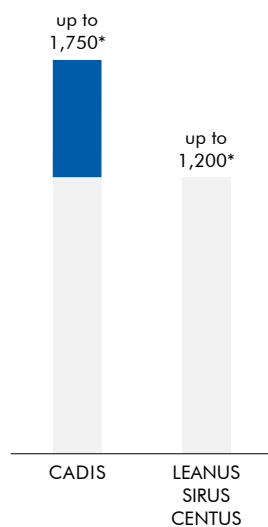
Capacity 11 litres each, many programme options



Higher Throughput

+45,8 % machine capacity

Thanks to optimized programme sequences and the Vitesse option, CADIS offers up to 550 washes more machine capacity.



Wash programmes

Christ recommendation: programme package SPEED

Programme	1. Forward cycle →	1. Backward cycle ←	2. Forward cycle →	2. Backward cycle ←	3. Forward cycle →	3. Backward cycle ←	4. Forward cycle →	4. Backward cycle ←	Time**
PREMIUM	Insect re-mover Rim chemistry	Active foam	Wash Wheel wash HP side	Wash	Polish	Massage in Preservative	Dry (Fly-In)	Dry	09:06
POLISH	Active foam HP side Wash Wheel wash	Wash	Polish	Massage in Preservative	Dry (Fly-In)	Dry			07:48
WAX	Active foam HP side Wash Wheel wash	Wash Foam wax*	Dry (Fly-In)	Dry					05:48
INTENSIVE	Active foam HP side Wash Wheel wash	Wash Preservative	Dry (Fly-In)	Dry					05:48
COMFORT	Active foam Wash Wheel wash	Wash Preservative	Dry (Fly-In)	Dry					05:48
BASIC	Wash Wheel wash	Wash Preservative	Dry (Fly-In)	Dry					05:48
QUICK	Wash	Wash Preservative	Dry (Fly-In)	Dry					05:36
OPTION	Underbody wash can be selected as an additional option for all wash programmes.								

* Combined wax application liquid / foamed ** Reference vehicle: BMW 320D Touring. Wash times might vary depending on the different measurements of the vehicle's length. Times for vehicle change are not taken into consideration.



Recommended products of Christ CAR CARE:

Pre-wash products:

- FOAM REX - Insect remover
- RIM REX - Rim chemistry
- TWIN FOAM - Active foam

Main wash and preservation:

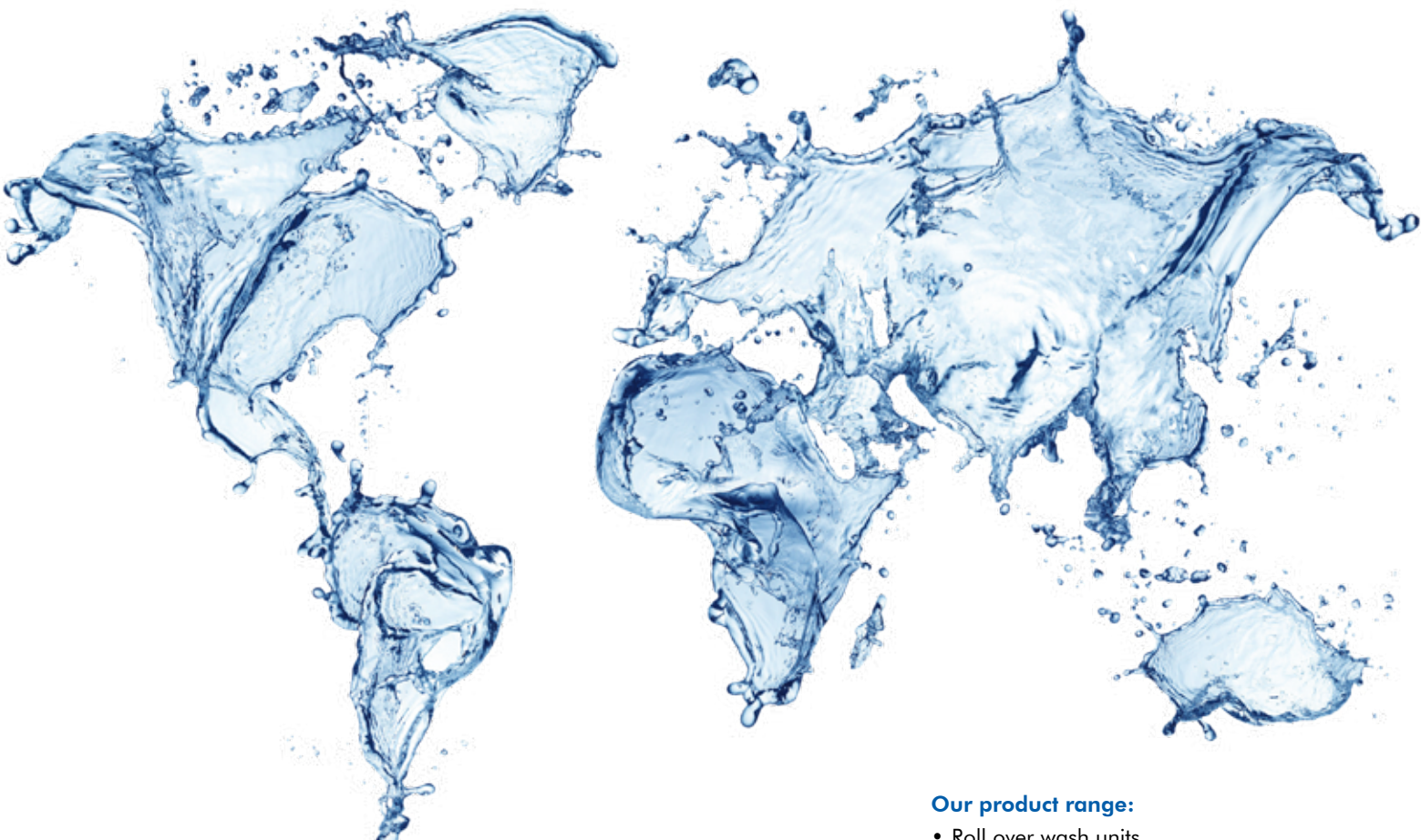
- BLASTER - Shampoo
- PROTECT SHINE - Polish
- NANO FINISH - Preservation

The Real Car Wash Factory

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WASH SYSTEMS

Everything from a single source

...from Christ Wash Systems



Our nation-wide customer service guarantees fast help.

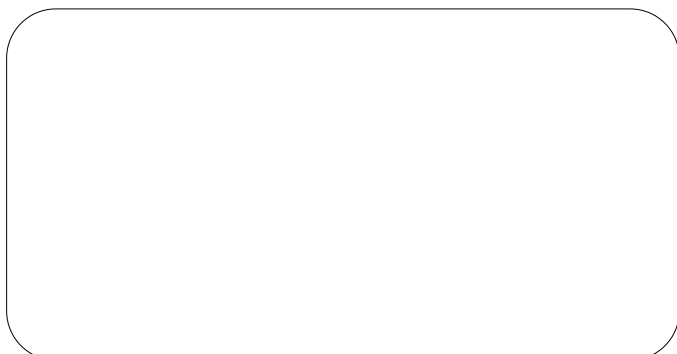
- Nation-wide on-site service
- Service central with hotline
- Quick supply with expendable and spare parts already in the service vehicle

Our services:

- Location analysis
- Profitability calculations
- Project planning
- Operator workshops
- Financing concepts
- Marketing help

Our product range:

- Roll over wash units
- Wash tunnels
- Water preparation units
- Self-service wash systems
- Commercial vehicle wash units
- Self-service vacuum cleaners
- Advertising material and accessories regarding car wash
- Car wash and care products
- Customer retention system and video surveillance



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