

CHH 8000 OptiWash

The Smartest
Car Wash
on the Market

Opti
wash
8000!

True Contouring High Pressure





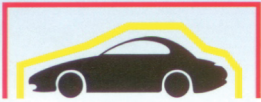
To touch or not to touch...?



Why car washes have to meet ever-growing demands...

Today's modern vehicle washes have to meet high performance requirements. While the most important is to do a perfect cleaning job, it is also important to be gentle on the vehicle's paint and sensitive finish. Additionally today's vehicle washes must be environmentally efficient, operate automatically and provide intelligence and information.

Exact contour guidance

 KÄRCHER contour guided spraying jet systems
 Ordinary spraying jet systems



 KÄRCHER contour control from above
 Ordinary side beam without contour control



▲ Automatic 3-D contour control

Optimal safety with optimal contour control

CHH brings high-pressure water and drying air close to the vehicle. Perfect contour control at top, front, side and rear is the key to the CHH 8000 OptiWash's unrivaled washing results. It is also more economical on energy, water and cleaning agents.

Operating safety is ensured by optical sensors and touch lips that recognize both side mirrors and features such as antennas.

SAFELY WASHES:

**CARS, CONVERSION VANS,
DUAL WHEELED PICK-UPS,
SUV'S, EVEN LIMOUSINES.**

Shining results with CHH 8000 OptiWash basic program



▲ 2-step high-pressure foam

▲ Touchless high-pressure wash (roof)

▲ Touchless high-pressure wash (side, front and rear)

A brilliant outlook:

The future of car washing begins today.

No single factor, water pressure, detergent or temperature is responsible for the quality of touch-free car washing. The KÄRCHER CHH 8000 OptiWash has optimized all of these critical factors in its design and performance.

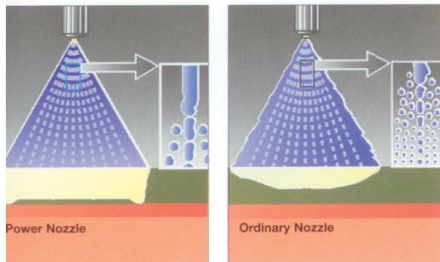
(High pressure + cleaning agent) x contour control = clean + gleaming cars.



▲ High-pressure power nozzle

▲ Contour control

▲ Spot-free rinse



Power nozzle + cleaning agents
Kärcher's patented power nozzles with high impact, a combination of two high-pressure foam detergents and tri-foam conditioner ensure optimum cleaning results on the heavily soiled lower parts of vehicles.

Contour control ensures an optimum impact angle and nozzle clearance for effective cleaning pressure from above and from the sides, even adjusting to side mirrors creates a consistently clean vehicle, irregardless of shape or size.

The world's most energy efficient and quiet contouring "air-knife" dryer system combined with an optional **spot free rinse** system guarantee environmental efficiency as well as glossy finished vehicles.

Additional programs for vehicle-hugging,



▲ Rinse

▲ Contoured drying

▲ Underbody wash

Open control system



It's the wash result that counts:

Your customers will smile.

Modern paints are more resilient and more resistant to chipping, but tend to be much more sensitive to scratching. So you need to offer your customers a wash that preserves their vehicle's paint work – and its value.

Further advantages of the CHH 8000 OptiWash:

- Frost-protection system provides additional protection in cold climates
- Effective, thorough rocker-panel wash with 50 gpm with Kärcher rotary nozzles.
- Suitable for vans and dual wheel pick-ups thanks to the greatest washing height and width on the market (7' 6"H x 9' 10"W).
- Power nozzles ensure optimal impact angle of high-pressure water jets (two different overhead angles, three different overlapping side nozzle fans).
- Revenue generating Tri-Color Foam, Under Carriage Wash, High Pressure Wheel & Rocker Panel Blasters.
- On-board dryer.



▲ The CHH 8000 OptiWash result: delighted customers and thorough streak-free cleanliness.

ISO 9001

Certified
Quality Assurance System



No. FM 12810
Since July 22, 1991

DIN EN
ISO 14001
Certification for
environmental
management
system



Nr. RM 9611 1008272

superior washing results



▲ Wheel rocker-panel wash

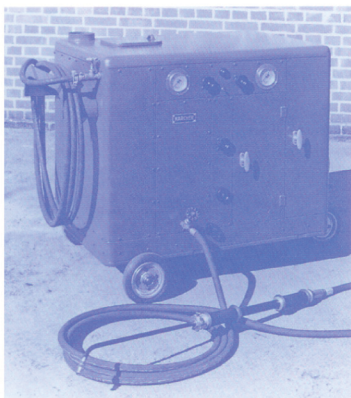
▲ Clear coat conditioner

▲ Rinse with optional spot free water

Experience and innovative ability:

...and why the optimum solution comes from Kärcher.

A logical development: Combining the company's competence in high-pressure cleaning with its know-how in commercial vehicle washing opened the way for optimization of the touchless car wash.

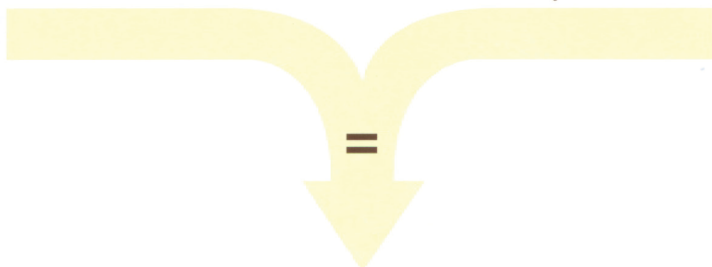


1950

Alfred Kärcher launches the "DS 350 steam jet cleaner", Europe's first hot water high-pressure cleaner.

1982

Kärcher acquires Rapp & Sievert, which has been manufacturing conventional brush-type commercial vehicle washes for more than 20 years.



1994

Kärcher presents the first vehicle wash with a genuine high-pressure main wash, the CWP 7000. Scratches caused by dust and dirt particles are greatly reduced. In the meantime there are hundreds of the CWP 7000 on the market worldwide.

Opti wash



2000

The CHH 8000 OptiWash is the first touch-free car wash to achieve a finish that is acceptable on the demanding European market, too. The new millennium step towards excellence has been achieved.

CHH 8000 OptiWash

The optimum car wash.

Four features which convince customers and car wash operators alike:

Opti_{wash} 1 **Optical detection system** – absolutely essential for contour-controlled wash.

Opti_{wash} 3 **Optimum washing result** – dirt removed by Kärcher power nozzle, and contour-guided wash.

Opti_{wash} 2 **Optimum clearance from surface** – important for uniform and streak-free cleanliness.

Opti_{wash} 4 **Optimized power consumption** – substantial savings in electrical operating costs.

▼ Main data and dimensions of CHH 8000 OptiWash:

Washing height	7' 6" inches
Washing width	9' 0" inches
Washing length	24' 0" inches
Plant width	13' 5" inches
Min. building height	14' 0" inches
Min. building width / Max. building width	15' 1" / 16' 3" inches
Min. building length	36' 10" inches
Connected load of machine:	
Water supply	50 gpm at 80 psi
Compressed air	90–120 psi, continuous
Electrical Requirements	208 3 phase, 200 amp
PATENT PENDING	



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