

**KÄRCHER**



# CONSISTENT PERFECTION

Our CW 5 Klean!Star iQ gantry car wash. [karcher.com](https://www.karcher.com)

PROFESSIONAL | GANTRY CAR WASHES



# SUSTAINABLE. CLEAN.

Why not also be on top form when it comes to resources? Our Klean!Star iQ with standard water-saving function enables you to clean in a very resource-friendly and at the same time highly efficient manner.



# YOU CAN ACHIEVE MORE

# LEVEL UP

In the vehicle cleaning sector, the decisive success factor is productivity. When you increase your productivity, the direct consequence is that you also improve your operating results.

- **Consultation** Deciding on a vehicle cleaning system is more than just a decision in favour of a machine. We support you from site analysis to the marketing and communication concept and all the way through to final installation. During this time, you can benefit from our international experience and extensive expertise.
- **A strong brand** We put the customer at the heart of all our thinking and everything we do. Cleaning tasks should become easier, more comfortable and more efficient. Our claim is that Kärcher makes a difference. In vehicle cleaning, we achieve this for you, above all through innovative technology, sustainability and future-oriented services.
- **Machines and accessories** We are pioneers when it comes to high-pressure cleaning. Our systems are robust, powerful and economical. Our technology is sophisticated, reliable and proven. With our systems and versatile accessories, you are perfectly equipped for any task at all times.
- **Digital transformation** Digital applications are essential success factors. We offer you innovative solutions with maximum cost-effectiveness and unparalleled convenience to increase customer satisfaction.
- **Detergents** Effectiveness and productivity in vehicle cleaning are inextricably linked with the use of the correct detergent. Only detergents which are perfectly suited to system and customer requirements guarantee optimal results in the long term.
- **Financing** We offer you modern financing options in cooperation with well-known leasing partners. Being highly flexible and economical, they allow you to maintain liquidity and expand the scope of your business.
- **Service** Your system is installed and runs without a hitch. To ensure your system remains this way in the long term, we offer you ongoing support. Our service packages and Kärcher customer service and factory-trained service partners guarantee problem-free operation in the long term.
- **Sustainability and the environment** For many years, Kärcher has been the driving force for sustainability and environmental protection in cleaning technology. As a leading global provider of cleaning systems, it is our responsibility to develop durable products with which our customers can clean in a way that conserves energy and resources. They ensure not only maximum cleanliness but also value preservation. Without unnecessary harm to the environment.

## DO YOU WANT TO FIND OUT MORE?

Follow this link to our website, where you will find all the relevant information about vehicle cleaning with Kärcher.



# MORE HIGH PRESSURE FROM ALL SIDES

High pressure alone is not enough. It needs to be able to access all areas.

**Wheel high pressure** The high-pressure unit for the lower area from rims, wheelhouse and sills to mirrors is the simplest type of high pressure and is included in the basic equipment of every Klean!Star iQ.

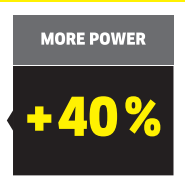
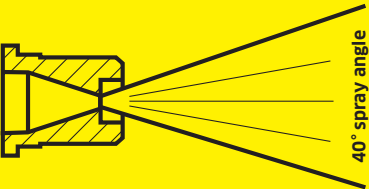
**Wheel and side high pressure** With this option, the wheel high pressure is enhanced by a high-pressure side tube to also pre-clean the upper vehicle parts effectively. Offer your customers optimal pre-cleaning of the sill and/or side area with this option.

**K!Jet iQ** With this option, 2 × 2 high-pressure nozzles per side are pivoted vertically via air cylinders. This enables the oscillating side high pressure to achieve optimal pre-cleaning of the vehicle's side area.

**Roof high pressure** This option includes the pre-cleaning of the roof, front and rear area with a high-pressure system mounted at the roof dryer. Depending on the roof dryer system selected, you can choose from the following high-pressure options for the roof:

- Roof high pressure 85° rotating, 3-stage, contour-following
- Roof high pressure 135° infinitely variable, contour-following
- K!Power iQ roof high pressure 135° infinitely variable, contour-following incl. Kärcher Power nozzles

**Kärcher Power nozzles** Full power for your vehicles. Our Power nozzles guarantee a constant, 40% higher cleaning performance thanks to their unique design. And maintenance is also reduced to a minimum.



**K!Power iQ** Do you also offer touchless washes? K!Power iQ combined with side high pressure can offer efficient and powerful vehicle cleaning with a side wash height of up to 1.80 metres.

**Roof high pressure on separate arms** The high-pressure system mounted directly on the roof brush cleans in one run together with the brush wash. Our recommendation for quick wash programmes.

**Prewash swivel mechanism\*** This option offers side high pressure with active foam that can be pivoted forwards and backwards. The controlled detergent application of VehiclePro Klear!PreWash and the effective high-pressure pre-cleaning achieve an

optimal cleaning result in the front and rear area. The angle setting of the tubes allows the simultaneous use of both spray systems for particularly fast washes.

**Under chassis wash** The option for additional revenue: there is scarcely a customer who doesn't take advantage of the thorough removal of dirt from the under chassis of their vehicle. Especially during the road gritting season.





# INDIVIDUAL BUT IN SERIES PRODUCTION

The configurable cleaning and care programmes for your individual Klean!Star iQ.

## Ex-works programmes

**Active foam** The powerful and intensive VehiclePro Klear!Foam active foam, developed especially for Klean!Star iQ, shortens washing times and increases throughput.

**Shampoo** VehiclePro Klear!Brush reliably removes stubborn dirt, and during the brush wash it prepares the water film to be broken up in the drying process.

**Wax** VehiclePro Klear!Glow provides good protection from external conditions and creates a brilliant gloss effect.

**Drying aid** VehiclePro Klear!Dry is optimally suited to the different dryers in the Klean!Star iQ and quickly breaks up the water film for faster drying and a higher throughput.

## Further programmes

**Intensive pre-cleaning** VehiclePro Klear!PreWash effectively removes insect residue and salt deposits and optimally prepares the vehicle for further cleaning.

**Foam shampoo** Foamed VehiclePro Klear!Brush reliably removes stubborn dirt and prepares the water film for being broken up whilst drying during the brush wash.

**K!Foam iQ** For effective foam application of the pre-cleaner, a foam planket is laid over the entire vehicle for the pre-cleaning.

**Rim cleaner** Removes robust dirt such as tyre wear, burnt-on brake dust and road salt gently and effectively.

**Rim foam** Highly effective rim foam for removing tyre wear, burnt-on brake dust and road salt.

**Foam wax** Provides outstanding protection from external conditions after rinsing, as well as a long-lasting gloss effect.

**Additional wax conservation** Your Klean!Star iQ can also apply a special liquid wax.

**Polish** Long-lasting, glossy protection. Protects from external conditions over several months.

**Quick wash** Enables the application of the drying aid VehiclePro Klear!Dry from the back for greater programme flexibility.





# UPSIDE DOWN IS SOMETIMES SMARTER

Shifted, askew and off the track. This is the only way that the brushes can reach every spot and clean optimally.

**K!Brush iQ\*** are intelligent side brushes, divided into segments. The individual brush segments pivot vertically and follow the vehicle contours. Equipped with CareTouch and K!Back iQ, K!Brush iQ gives you a cleaning performance that is impressive all-round.

**Gentle** CareTouch consists of a specially foamed polyethylene (PE). We chose CareTouch for the roof and side brushes

of our Klean!Star iQ to guarantee particularly gentle removal of dirt from the vehicle surface.

With the CareTouch Hybrid option, the lower side brushes are also equipped with PE. Alternatively, the gantry car wash can also be completely fitted with PE.

And we always recommend high-pressure pre-cleaning.



**Precise racks** permit a low-maintenance, highly precise positioning of the side brushes on the vehicle. And millimetres matter when it comes to gentle, perfect cleaning.

**K!Back iQ\*** For optimal cleaning of the vehicle rear, the side brushes are rotated 90° behind the vehicle and tilted 15° towards the rear of the vehicle. As a result, the brushes can better adapt to the vehicle contour and can remove the dirt with consistent pressure.

**Contour detection** When moving forwards, the side brushes are placed at an angle of up to 15° diagonal to the vehicle so that the upper area is optimally detected and cleaned. In reverse mode, the side brushes move down accordingly to optimally clean the sill area.



\* This development is a Kärcher patent.



# SPOT ON

The wheels have always been one of the finer points of vehicle wash.



**K!Planet iQ\*** With our height-adjustable wheel wash unit with planetary wheel washer and integrated high pressure, you can achieve the best rim cleaning. For this purpose, we have equipped our K!Planet iQ with integrated wheelhouse cleaning.

The wheel wash works in principle like an electric toothbrush with three rotating brush discs (two small and one larger), which rhythmically change their direction of rotation. For height adjustment to the wheel, the wheel washer follows a reverse-curve path, thus always meeting the centre. This removes the most stubborn dirt gently and effectively.

**K!Wheel iQ** Our height-adjustable wheel wash unit with disc wheel washer and integrated high pressure follows a reverse-curve path for the height adjustment to the wheel, thus always meeting the centre. As a result, you obtain more accurate wheel cleaning and perfect results for all sizes of wheel rims.

**>>** \* This development is a Kärcher patent.

## PERFECT ON THE WHEEL



VehiclePro Klear!Rim Foam RM 802 and the fast-acting VehiclePro Klear!Rim RM 896 are highly effective rim cleaners that remove brake dust, tyre wear, road salt and limescale reliably and in a way that protects the materials.

- No damage to uncoated concrete floors and steel
- Surfactants in accordance with EEC 648/2004 more than 90% biodegradable
- NTA-free





# CLEANLINESS ALONE IS NOT ENOUGH

The best washing result is nothing without perfect drying.

We have turned to physics to ensure our customers get the best results. With our 85° rotating, contour following three-stage dryer K!Dry and our 135° infinitely variable rotating, contour following dryer K!Dry iQ, you achieve optimal all-round drying with optimised air routing\* and a loss-free, flow-optimised nozzle rotary drive.



\* This development is a Kärcher patent.

## THE HIGH-END SHINE PRESERVING AGENT



**VehiclePro Klear!Shine RM 895** strengthens the drying effect with its sensational beading effect. It lends the paint a deep shine, protects it against harmful environmental conditions and makes a significant contribution to preserving the value of the vehicle.





# LET THE SHOW BEGIN

Set the scene for your Klean!Star iQ.

**K!Design iQ** The unmistakable front door design reflects the advanced level of technology: seamless and expansive high-quality acrylic backed with film including an informative washing phase display. Exclusively available in the Kärcher design or in a colour of your choice. The optional door frame lighting creates an individual ambience for your system, which is sure to attract the attention of your customers.

**LED traffic light** Modern and safe across all design lines, you have the option of a full LED traffic light: on the left, on the right or on both sides. Or none at all.

**LED lighting** This makes a show of each wash – we guarantee your customers have never experienced a vehicle wash quite like this. The changing LED lights, comprising LED lights on the inside of the door and LED lights at the rear, make quite an impression as they orchestrate the various steps of each car wash. In doing so, your site is turned into a real customer magnet!







# FASCINATING TECHNOLOGY. INSPIRING PERFORMANCE.

Raw technical data cannot reveal everything about the actual capabilities of a gantry car wash. But they indicate the potential of our Klean!Star iQ.

- Modularity, flexibility, individuality
- Efficiency, throughput, profitability
- Use of up to eight different detergents, depending on the chosen cleaning and care options
- The optional empty signal shows the availability of each detergent early on. This means you can always refill in good time
- The optional fill level monitoring works like the empty signal but also shows you the current filling level of the relevant detergent
- Future-proofed: with various connectivity solutions, you obtain location-independent access to washing statistics, error messages and parameter settings in real time
- Operator- and service-friendly touch screen for controlling the system



## CW 5 Klean!Star iQ

Wash height 2.10-2.90 m (in 10 cm increments)

## Technical data

Voltage	400 V	380 V
Frequency	50 Hz	60 Hz
Number of current phases	3 Ph	3 Ph
Drive-through width at mirror level	2.45 m / 2.60 m	2.45 m / 2.60 m



# DON'T JUST TALK



WRB Bio



WRP Car Wash



WRP 8000

Take action. Everyone's talking about environmental protection and sustainability. This is your and our contribution.

**WRB Bio** Water treatment through natural processes using microorganisms results in outstanding reclaimed water quality and saves up to 98% of fresh water. Thanks to this high process efficiency and the degradation capacity of the bacteria, almost all the water can be reused. Other benefits for you include compact design and lower service costs.

**WRP Car Wash** With this system, you save up to 85% of fresh water. It recycles oil-free waste water economically and effectively using a hydrocyclone. You can reuse the recycled water for all wash programmes. This modular and flexible system provides the optimal solution for almost every site.

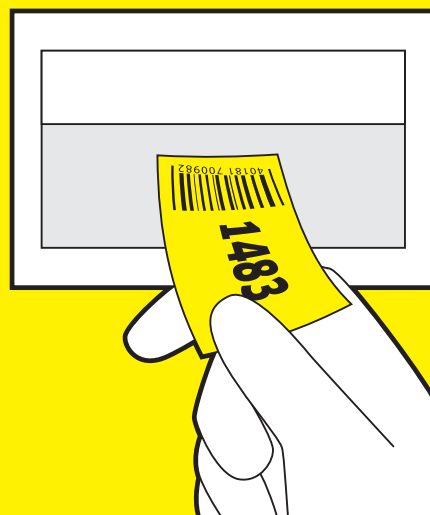
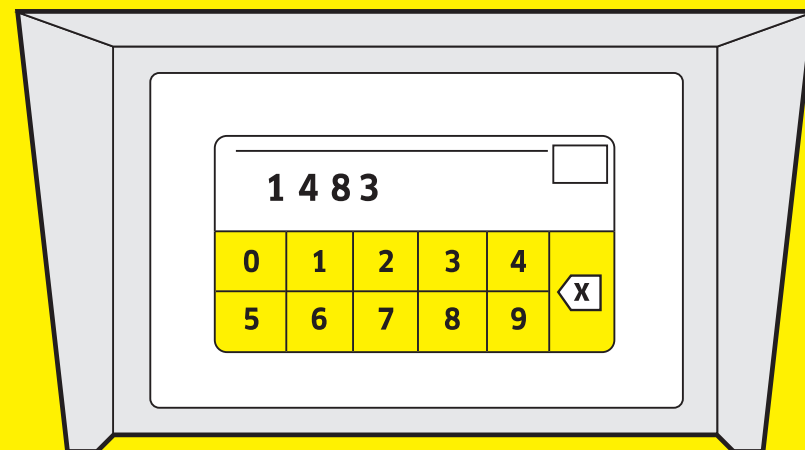
**WRP 8000** Oil-free waste water is recycled efficiently and cost-effectively thanks to tried-and-tested sand filtration. This type of water treatment allows for freshwater savings of up to 85%. The treated water is suitable for reuse in all wash programmes. Thanks to the modular concept, the system adapts to your site conditions, providing a tailored solution for your requirements.





# ADJUSTABLE CONVENIENCE

Stay in your car or get out? Drive in precisely and safely. That is our Drive-In system.



**Drive-In is a system specially designed for drive-through halls, based on the tried-and-tested starting unit CR 214.**

Your customer can decide whether to stay seated in their car or to get out. For this, they have to confirm the relevant safety information at the terminal.

**If the customer wants to stay seated,** they can drive into the gantry car wash and it will start automatically. For safety reasons, a horn sensor with rotating beacon is installed – if the customer sounds their horn, the gantry car wash stops.



**If the customer wants to get out,** they can drive into the gantry car wash, get out and push the start button in front of the wash hall. As the operator, you can decide which version you want to offer – just Drive-In or both.

This generates high throughput as it saves time. The next customer can go ahead and activate their wash programme at the terminal. It is also much more convenient for your customers.



# GET MORE DONE

Numerous options open up virtually unlimited possibilities for more success.



**Start terminal**  
You issue a PIN or barcode. Your customer starts the system by entering the PIN code or by scanning the barcode at the terminal.

**Self-service vacuum cleaner**  
Our individually configurable SB VC self-service vacuum cleaner gives you maximum suction power, convenience, innovative design and additional sales.

**Mat cleaner**  
Our mat cleaner cleans floor mats measuring up to 80 cm in width without water. This is 20 cm more than traditional mat cleaners manage.



**Air tower**  
Here, your customers can check and adjust tyre pressure precisely up to 8 bar.

**Air water tower**  
The addition of a water dispenser to the air tower allows refilling of wind-screen washer fluid or cooling water.

**Perfume tower**  
Here, your customers can neutralise unpleasant odours in the vehicle in an instant.



# RESEARCHED. TESTED. SUCCESSFUL.



Forty years of experience in chemicals development – our experts collaborate across disciplines in the research, development and testing of new detergents and application methods. For the best results and safe application, the team have state-of-the-art laboratories and top research and testing facilities at their disposal.

**Through close collaboration with industrial customers and private users, our technologies are always setting new standards. Worldwide.**

**Top-level development** The new chemical laboratory is at the centre of the research and development of innovative detergents and care agents. Our experts analyse every type of dirt on all surfaces so that they can be professionally removed, picked up and disposed of. Every product that is developed here for our industrial and private customers is created using holistic thinking from the very beginning, systematically and entirely at Kärcher.

**Sustainable right from the start** Meeting environmental standards is becoming increasingly important. This is why Kärcher places particular value on the sustainable selection of raw materials, the development and production process and the use of resource-conserving packaging solutions throughout the whole production chain.

**Made in Germany** Highest quality – Kärcher produces its own cleaning products in order to achieve consistently high quality, sustainable production and the best delivery capacity. In the highly flexible system, 0.5-litre bottles and tankers with capacities of up to 20,000 litres can be filled promptly and very economically from 25,000-litre mixing drums.

**Perfect cleaning solution** Kärcher detergents and care agents are just as versatile and powerful as the units and machines in which they are used – because they are specially developed for use with Kärcher cleaning machines. The combination of the two makes it possible, with the effective interplay between machine and detergent guaranteeing optimal cleaning.



# THE PERFECT MEANS TO AN END



VehiclePro  
Klear!PreWash  
RM 890



VehiclePro  
Klear!Rim  
RM 896



VehiclePro  
Klear!Foam  
RM 892



VehiclePro  
Klear!Brush  
RM 891



VehiclePro  
Klear!Foam Polish  
RM 837



VehiclePro  
Klear!Glow  
RM 894



VehiclePro  
Klear!Dry  
RM 893

The Klear!Line detergents  
for gantry car washes

**Tap the full potential** of your Klean!Star iQ  
with the innovative detergents from our  
VehiclePro Klear!Line:

- VehiclePro Klear!PreWash RM 890
- VehiclePro Klear!Rim RM 896
- VehiclePro Klear!Foam RM 892
- VehiclePro Klear!Brush RM 891
- VehiclePro Klear!Foam Polish RM 837
- VehiclePro Klear!Glow RM 894
- VehiclePro Klear!Dry RM 893

Put your trust in our VehiclePro Klear!Line to  
get the best for yourself and your customers.

- Latest generation of innovative detergents
- Cost-saving for perfect results in optimal  
washing time
- Ultra-high concentrates, extremely  
economical to use and maximum cost-  
effectiveness
- Modern formulas and selected quality  
raw materials
- Perfect cleanliness and care
- Innovative Kärcher fragrance concept
- Colour coding for safe use



# WHAT IF THE FUTURE OF CLEANING CHANGES TOMORROW?

No matter how radically your business changes, we can help you to keep up with the challenges ahead. Contact us to reach for the stars.  
**Nothing can stop you. With Kärcher Services.**



## cleaning consulting

**Productivity and quality in perfect harmony:** we optimise your cleaning processes and are happy to advise you with an individual, needs-based cleaning concept.



## service packages

**Regular, professional maintenance:** reduces the risk of breakdown for your machine fleet, extends the service life of your machines and increases their market value.



## financial solutions

**More freedom for your finances:** we will provide you with standardised and individually tailored financing solutions that are adapted to meet your needs and requirements.



## original spare parts

**Strong in all parts:** our spare parts represent value preservation and the strong cleaning performance that is the Kärcher standard.



## service

**At Kärcher, you can take customer proximity literally:** we provide expert help in the event of major faults or application problems – worldwide and at any time.



# KÄRCHER

makes a difference

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