

# KÄRCHER

makes a difference



## POWERFUL AGAINST DIRT, GENTLE ON VEHICLES

Gantry car washes for fast, flexible and economical washing



# TOP IN FORM AND FUNCTION



Welcome to washing heaven. This is how your customers feel when they stand in front of your Kärcher gantry car wash. They can see at a glance the high quality and advanced technology, and look forward to perfect cleaning results.





## YOUR ADVANTAGES:

### 1 Gentle wash

Frequency-controlled drive and lifting motors for the roof brush and roof dryer ensure a gentle wash process.

### 2 Optimum consumption

The intelligent water distributor sprays water and cleaning agents only where they are needed. This saves both resources and money.

### 3 Maximum safety

Light barriers, inductive switches and various safety devices ensure maximum safety for people and vehicles.

### 4 Low-maintenance technology

The direct drives for side brush inclination and lifting motions, as well as all bearings and guides, are designed to sustain very long maintenance intervals.

### 5 From the front

All components in the gantry can be reached easily from the front.

### 6 Identical basic construction

All gantries of the CB line are based on the same platform, and therefore on advanced, high-quality technology. The robust frame construction is hot-dip galvanised, primed and powder-coated.

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# **CLEAN VEHICLE, SATISFIED CUSTOMERS**





When your customers smile because they see their car polished to a shine, you know you have done a perfect job. You have chosen our perfectly matched wash programmes and cleaning agents for gentle vehicle cleaning and care.

#### **Targeted prewash**

During prewashing, specific cleaning agents are applied depending on the programme and equipment on the gantry, for example VehiclePro Prewash RM 803 for removing insects, or VehiclePro Rim Foam RM 802 for effective rim cleaning. High-pressure prewashing is a deep cleaning procedure that removes coarse dirt in particular.

#### **Gentle brush wash**

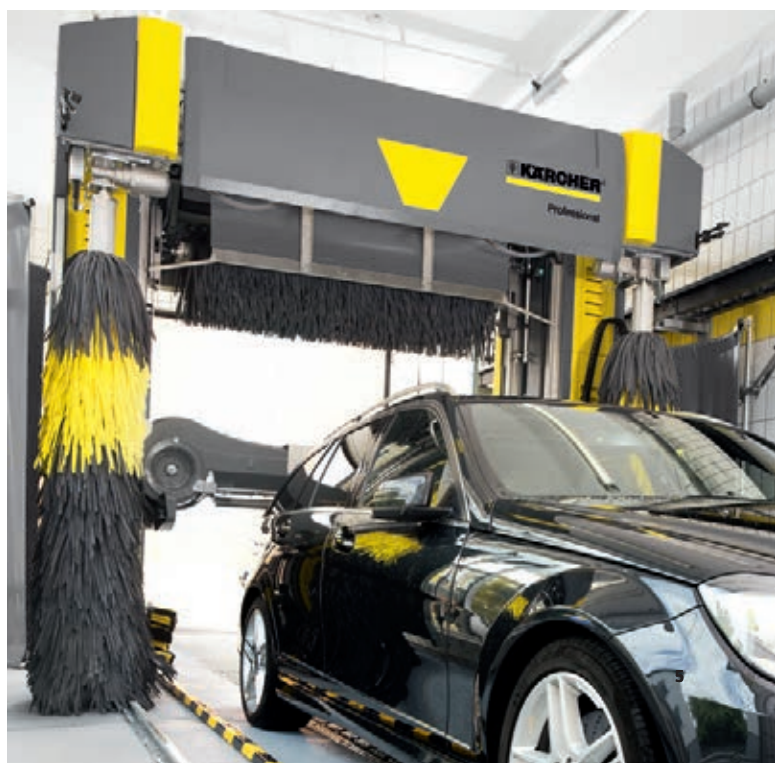
The brush wash removes stubborn dirt gently and effectively with VehiclePro Brush Shampoo RM 811. The optional paintwork conservation procedure following this returns the vehicle to a perfect shine and provides long-term protection for the vehicle surface, thereby also ensuring value retention.

#### **Lasting conservation**

For paintwork conservation, use VehiclePro Foam Polish RM 837 followed by VehiclePro Hot Wax RM 820 or VehiclePro Super Pearl Wax RM 824 for best results.

#### **Streak-free drying**

Rinsing with VehiclePro Drying Aid RM 829 and then drying with powerful dryers achieves perfect drying results.



# READY FOR EVERY TASK

Petrol stations, car dealerships, car wash centres – every site and its customers present different challenges. That is why it is best to be equipped for every requirement.

Our CB line gantry car washes meet every individual demand, as they are quickly ready to use, as well as efficient, reliable, durable, low-maintenance and configurable according to customer requirements.





### **CB 3: a universal solution**

If you are looking for a robust, reliable gantry for more than 300 washes per month which offers a high level of availability over the entire service life, then our CB 3 is the right solution.



### **CB 5: for more in a shorter time**

For over 1,200 washes per month, you will benefit from the express wash, which takes just two runs, and the increased vehicle throughput. And your customers enjoy considerably shorter wash times. Especially during busy periods.



### **CB Takt: wash faster with two**

At facilities where more than 1,200 washes are carried out per month, it may be that one gantry car wash does not provide sufficient capacity, or that a tunnel is not economical enough. In this case, our CB Takt is the ideal solution: two gantries in succession allow two vehicles to be washed and dried at the same time, thereby providing the capacity you need.



# CB 3: FAST, FLEXIBLE AND EFFICIENT

Whether you run a petrol station, car dealership or car wash centre: when it comes to vehicle cleaning, perfect results are what matter.



We go one step further. For us, providing sparkling clean vehicles for your customers goes hand in hand with generating profits for you as the operator. With gantry car washes like the CB 3, you get customised system solutions from us that meet all of your requirements.

### Save water, save money

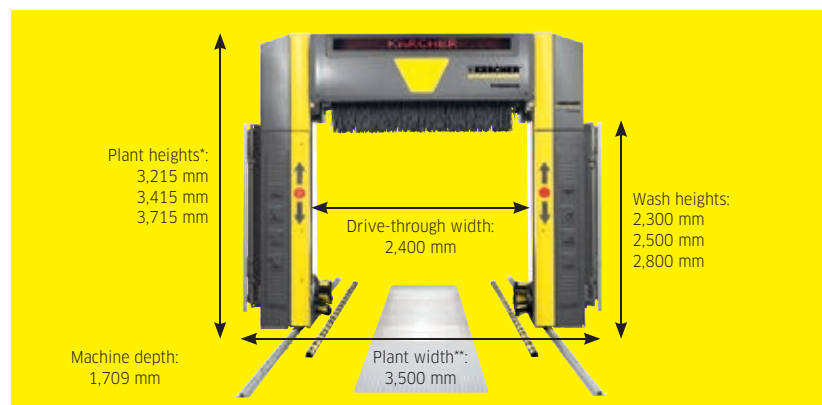
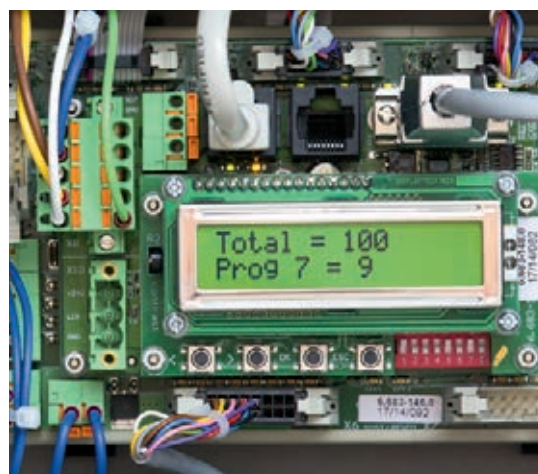
With the water saving function, you can reduce fresh water consumption by around 60% per wash. As a result, you also reduce your operating costs and save natural resources.

### Built-in high-pressure pump

The powerful high-pressure unit (1,300 l/h, 70 bar) is mounted on the gantry. This means that you do not need an additional technical room, and you also save space and costs for installation.

### Ready for Kärcher Fleet

Thanks to the high-quality control system, the CB 3 is enabled for connection to Kärcher Fleet, the unique cloud-based data management system.



CB 3	
Wash heights:	2,300 / 2,500 / 2,800 mm
Plant heights*:	3,215 / 3,415 / 3,715 mm
Plant width**:	3,500 mm
Fresh water connection:	50 l/min / 4-6 bar
Rated input power***:	8 kW / 16 kW
Electrical connection:	3~ / 400 V / 50 Hz, 3~ / 380 V / 60 Hz
Number of brushes:	3
* For gantries with covering package Basic without front cover, the plant height decreases by 65 mm	
** Exterior frame width, without side brush splash guard, with rotating side brushes: 4,035 mm, with side brush splash guard: 4,140 mm, with safety switch front: 3,780 mm, with safety switch side: 4,000 mm	
*** Without/with side blower	



## CB 5: MAXIMUM PERFORMANCE, COMPACT INSTALLED

Do you need higher throughput with the same level of quality? For more than 1,200 vehicle washes per month, the CB 5 is the best solution.



The CB 5 delivers the same outstanding wash results as the CB 3, there is no difference in this respect. The main distinguishing feature is that for facilities where more than 1,200 washes are carried out per month, everything is faster and bigger.

### High vehicle throughput

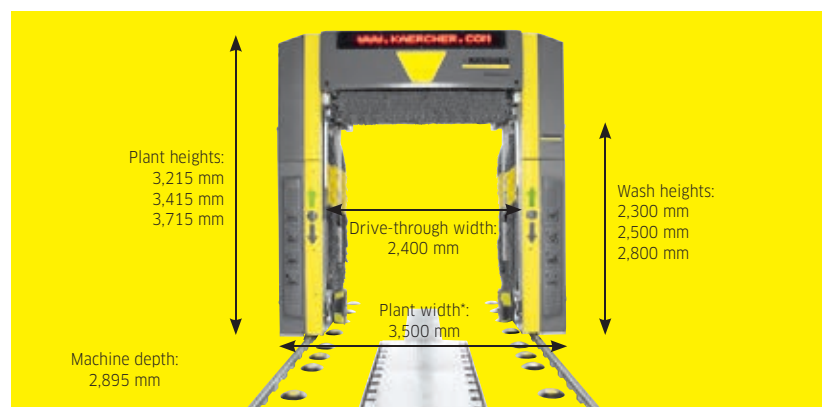
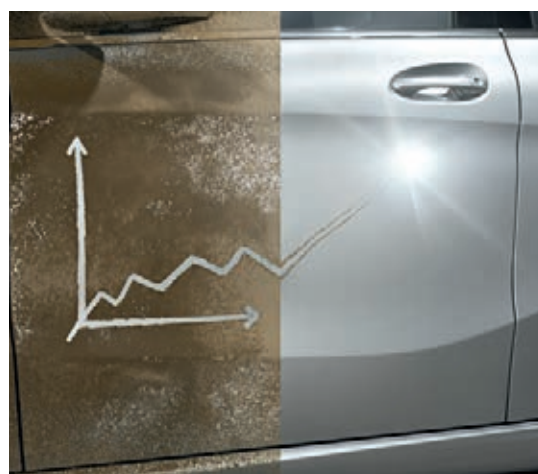
When there are not enough hours in the day to wash more vehicles, the CB 5 reduces the washing time. From the standard wash programme to the express wash, which takes just two runs, the CB 5 is designed for higher vehicle throughput with significantly shorter washing times. Your customers are sure to benefit from the time they save.

### Compact dimensions

The CB 5 fits easily into a wash hall with standard dimensions (10 m wash hall length). This saves you investing in a costly new building and offers a real alternative to a short tunnel.

### Super express wash

Most vehicles that go for washing are only slightly dirty. Washed and dried in just two runs, the CB 5 cleans vehicles to a high gloss shine. This is the best way to increase vehicle throughput, and therefore profits, significantly reduce waiting times and overall to ensure customer satisfaction.



CB 5	
Wash heights:	2,300 / 2,500 / 2,800 mm
Plant heights:	3,215 / 3,415 / 3,715 mm
Plant width*:	3,500 mm
Fresh water connection:	100 l/min / 4-6 bar
Rated input power:	22 kW
Electrical connection:	3~ / 400 V / 50 Hz
Number of brushes:	5
* Exterior frame width, without side brush splash guard, with rotating side brushes: 4,035 mm, with side brush splash guard: 4,140 mm, with safety switch front: 3,780 mm, with safety switch side: 4,000 mm	



# CB TAKT: WASH FASTER WITH TWO

When a gantry car wash is not sufficient to meet your needs, but a tunnel is too much for your site, then this is the perfect solution for you.



At sites where more than 1,200 washes are carried out per month, it may be that one gantry car wash does not provide sufficient capacity, or that a tunnel is not economical enough. In this case, our CB Takt is the ideal solution: two gantries in succession allow two vehicles to be washed and dried at the same time, thereby providing the capacity you need.

#### Maximum vehicle throughput

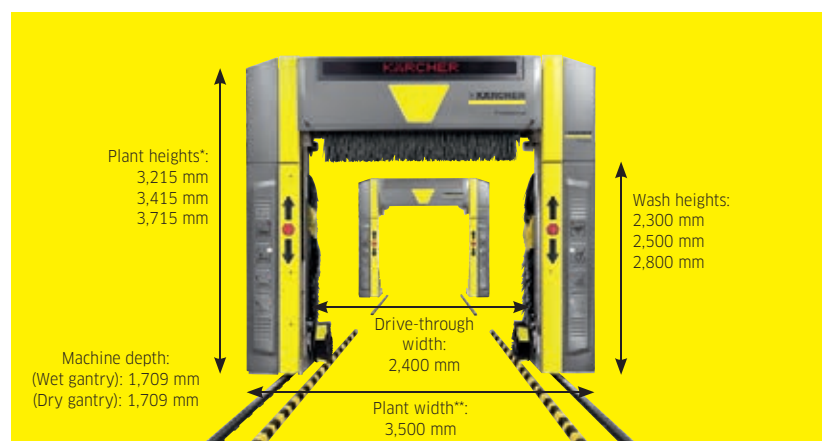
If you have to carry out more than 1,200 washes per month, then the key to success is timing. Even at maximum speed, the CB Takt delivers outstanding washing and drying results.

#### Simultaneous washing and drying

With two gantries in succession, the CB Takt delivers what otherwise only tunnels can: simultaneous washing and drying of two vehicles. While the rear vehicle is being washed, the one in front is already being dried.

#### Convenience from start to finish

As with a tunnel, the customer simply remains seated in the vehicle during the entire washing and drying process.



#### CB Takt

Wash heights:	2,300 / 2,500 / 2,800 mm
Plant heights*:	3,215 / 3,415 / 3,715 mm
Plant width**:	3,500 mm
Fresh water connection (wet gantry):	100 l/min / 4 bar
Fresh water connection (dry gantry):	50 l/min / 4 bar
Rated input power (wet gantry):	5 kW
Rated input power (dry gantry):	16 kW
Electrical connection:	3~ / 400 V / 50 Hz
Number of brushes:	3

- \* For gantries with covering package Basic without front cover, the plant height decreases by 65 mm
- \*\* Exterior frame width, without side brush splash guard, with rotating side brushes: 4,035 mm, with side brush splash guard: 4,140 mm, with safety switch front: 3,780 mm, with safety switch side: 4,000 mm

# EVERYTHING YOU NEED

## Wheel wash. Prewash. Drying

### 1 Wheel wash units

#### Rawa 2.0

The wheel wash unit Rawa 2.0 works like an electric toothbrush: with three disc brushes that are programmed to change rotational direction. This means that corners and hollows can be reached and cleaned perfectly. And the integrated wheel house nozzle ensures perfect cleanliness around the wheel.

#### Wheel wash with disc brush

The wheel wash unit with disc brush gives wheel rims a good and thorough clean. This wheel wash unit uses a disc brush as well as other optional functions: internal or external irrigation and with or without high pressure.

#### Contactless wheel wash

The completely contactless wheel wash cleans with nothing but high pressure, and no brushes whatsoever. This procedure also delivers excellent cleaning results.

### 2 High-pressure

You choose: there is no end to the range of high-pressure washes, from high-pressure sill and side cleaning to a complete high-pressure wash.

### 3 Drying

Not a single drop is left: two separate side dryers, a contour-guided roof dryer with/without swivelling lamella, and the outstandingly simple Opti Drop Stop to prevent wash water dripping down onto the vehicle.

## Design

### 4 Custom design

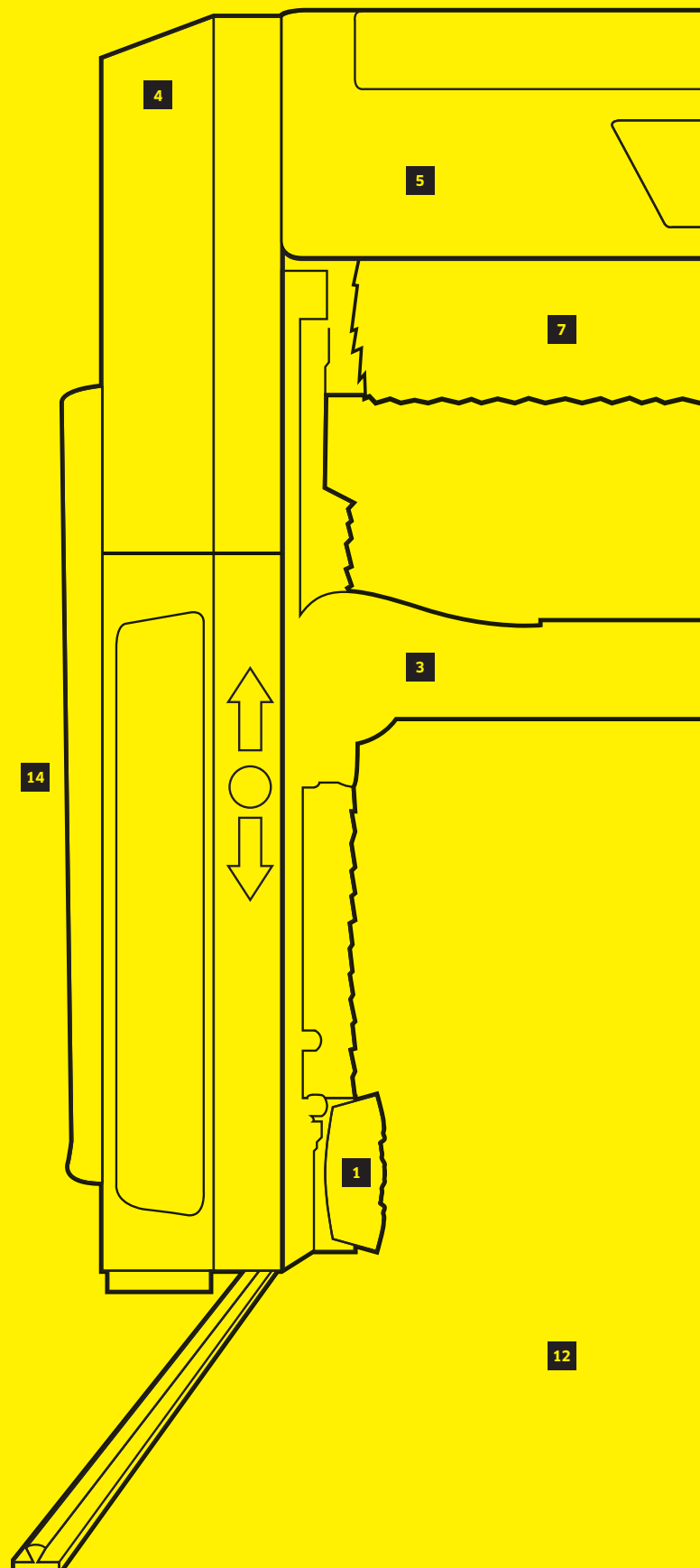
Make your CB line truly eye-catching: the Basic, Deluxe and OpenArt covering packages offer attractive design options. And of course you can also get your CB line gantry car wash in your own customised or corporate design.

### 5 Covering elements

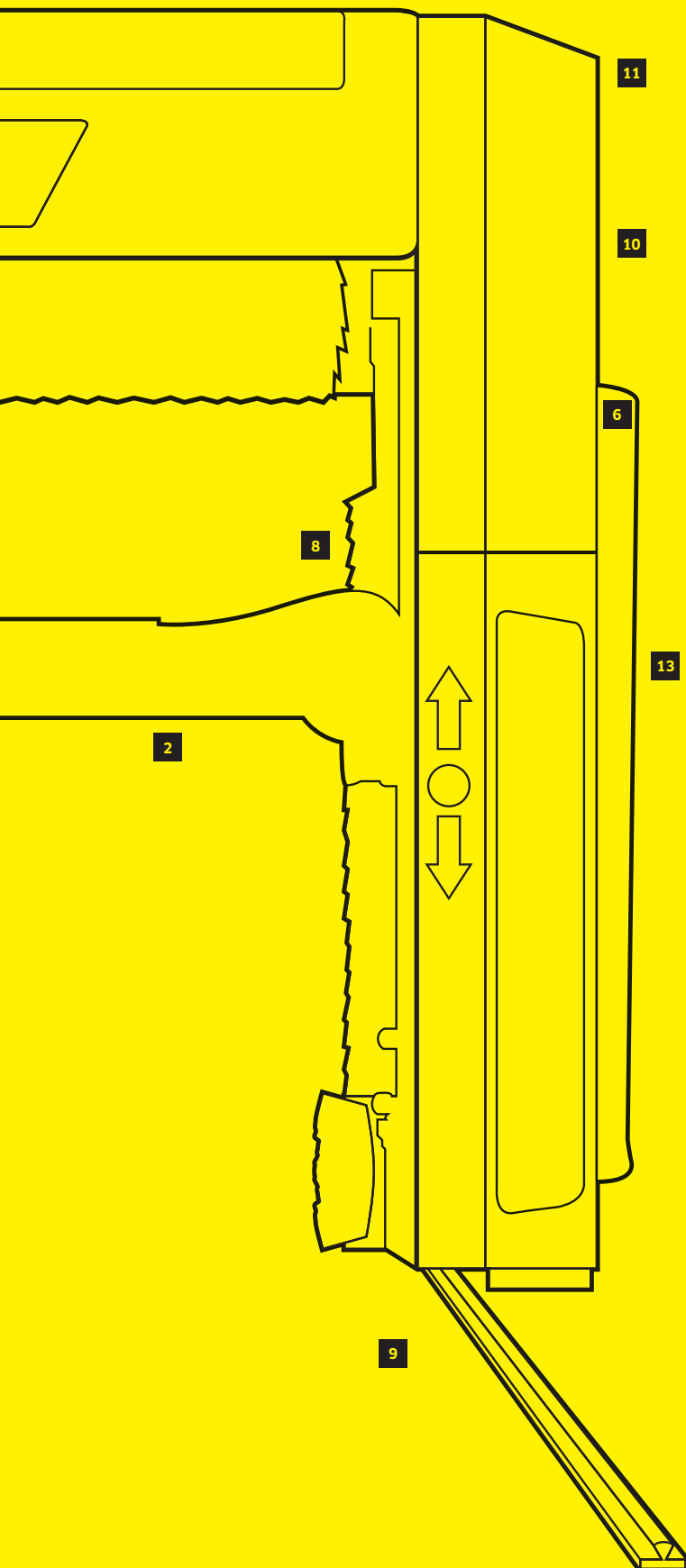
Your CB comes fitted with front cover, front cover with ticker or rear cover.

### 6 Splash guard

Side and roof brush splash guards provide effective protection against spray water.







## Equipment for gantry and wash hall

- 7 Brush equipment**  
Choose from Kärcher CareTouch brushes made from foam material, Kärcher CareTouch Hybrid brushes made from foam material with polyethylene, pure polyethylene and textile brushes.
- 8 Pneumatic inclination of side brushes**  
The pneumatic inclination of side brushes guarantees optimum washing results. In the forward run, the side brushes are set to an angle of up to 15° so that the upper area of the vehicle is optimally followed and cleaned. In the backward run, the side brushes are locked vertically so that the sill area is optimally covered.
- 9 Wheel guides**  
With wheel guides in the form of guide rails or speed stops, your customers are guaranteed easy entry into the gantry car wash.
- 10 Remote control**  
The remote control RDS is a modern solution that helps you ensure that your system is running smoothly.

## Energy supply. Under chassis wash. Start and operating systems

- 11 Energy supply**  
You have the choice between an energy column, energy chain or festooned cable for supplying energy to your gantry.
- 12 Under chassis wash**  
Either fixed or with segment control, the powerful under chassis wash effectively removes dirt from the vehicle's underbody.
- 13 Operation panels**  
For operation with a card reader, we recommend the operation panel basic and for staff-operated gantry car washes we recommend the operation panel comfort.
- 14 Start and operating systems**  
Choose the best system for you: magnetic card reader or PIN code, barcode or RFID card reader.

# WATER RECLAMATION



With Kärcher water reclamation systems, you not only save money – you also protect the environment.

## WRB Bio

Our system for biological waste water treatment purifies waste water from gantry car washes in a safe and environmentally responsible way, without using flocculation or separating agents. The crystal-clear reclaim water is fed back into the circuit, helping to make fresh water savings of up to 98%. Moreover, the WRB Bio has DIBt (German Institute for Civil Engineering) type approval, which serves as proof of the best possible circulation in accordance with Appendix 49 of the German Waste Water Ordinance (AbwV). This also makes the official environmental approval process significantly simpler.

## WRP Car Wash

In this system, which uses physical particle filtration by hydrocyclone, all of the purified reclaim water is fed back into the circuit. This reduces fresh water consumption by up to 85%.

## WRP 8000

The principle of physical filtration is also applied here, though in this case the particles are separated by a sand filter. All of the purified reclaim water is fed back into the circuit and fresh water consumption is reduced by up to 85%. Like the WRB Bio the WRP 8000 has DIBt (German Institute for Civil Engineering) type approval for simplifying the official environmental approval process.



	WRB 2000 Bio	WRB 4000 Bio	WRP Car Wash	WRP 8000
Reclaimed water production	2,000 l/h	4,000 l/h	3,000 l/h	8,000 l/h
Electrical connection	3Ph / 400V / 50Hz	3Ph / 400V / 50Hz	1Ph / 230V / 50Hz	1Ph / 230V / 50Hz
Dimensions (L × W × H)	900 × 600 × 1,800 mm	900 × 600 × 1,800 mm	503 × 240 × 1,863 mm	610 × 610 × 1,100 mm
Weight	300 kg	400 kg	40 kg	255 kg



# CLEANING AGENTS

Exactly what you need: fully effective at all water hardness levels and specially formulated for Kärcher gantry car washes. With special ingredients that protect water-conveying parts against corrosion. Our ASF products with patented, easily separable formulas are environmentally friendly.

**VehiclePro Prewash RM 803**  
Precognizing



**VehiclePro High-Pressure Wash RM 806**  
Precognizing



**VehiclePro Rim Cleaner, alkaline, RM 801**  
Rim cleaning



**VehiclePro Rim Foam RM 802**  
Rim cleaning



**VehiclePro Rim Cleaner, acidic RM 800**  
Rim cleaning



**VehiclePro Brush Shampoo RM 811**  
Cleaning/Foam cleaning



**VehiclePro Active Foam Wash Nano RM 816**  
Cleaning/Foam cleaning



**VehiclePro Active Foam RM 812**  
Cleaning/Foam cleaning



**VehiclePro Super Pearl Wax RM 824**  
Drying



**VehiclePro Drying Aid RM 829**  
Drying



**VehiclePro Gloss Dryer Nano RM 832**  
Drying



**VehiclePro Foam Polish RM 837**  
Care/Protection



**VehiclePro Hot Wax RM 820**  
Care/Protection



**VehiclePro Washing Bay and Tile Cleaner RM 841**  
Wash bay cleaning



# WASH BAY EQUIPMENT

With modern wash bay equipment from Kärcher, you can make your site more attractive and generate higher profits.

**PREWASH UNITS**  
Prewash



**SELF-SERVICE VACUUMS**  
Vehicle interior cleaning



**MAT CLEANER**  
Mat cleaning without water



**PERFUME TOWER**  
Neutralise odours in the vehicle interior



**AIR TOWER / AIR WATER TOWER**  
Check the tyre pressure and fill the windscreen washer system





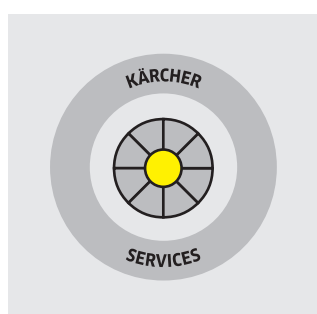
**YOU MANAGE YOUR BUSINESS.  
WE PROVIDE THE SUPPORT  
YOU NEED.**





Things can be much easier when people combine their talents. Pursuing goals together, complementing one another and learning from each other makes it so much

easier to achieve success. One could call it the principle of progress. We call it Kärcher Services. A promise of partnership. By professionals, for professionals.

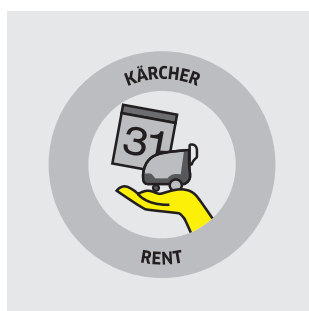


## Kärcher Services:



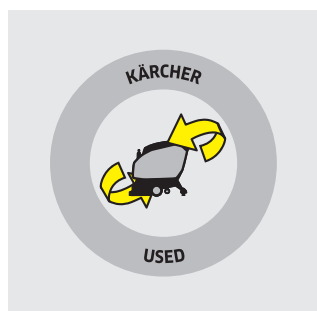
### **Kärcher Maintain Service packages**

Every service package is exactly tailored to suit specific needs. The range of services includes inspections as part of prescribed safety tests, timely servicing and flat-rate full service.



### **Kärcher Rent**

Precisely the right machine you need. Rent instead of buying. And get more: know-how and the Kärcher Full Service package.



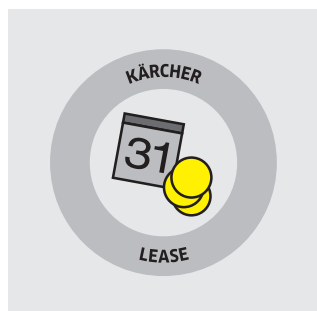
### **Kärcher Used machines**

If used is what you need. Starting up? Or simply just want to save costs? We have the right used machine for you. Used, generally reconditioned, good and affordable. Offers are constantly changing. Ask us.



### **Kärcher All Brands Service**

Service and repair from a single source for your entire machine fleet – regardless of manufacturer and anywhere in the world. Service for all machines according to Kärcher standards. Service you can rely on.



### **Kärcher Lease Leasing**

Tailor-made. Flexible. Safe. We provide the flexibility you need: with leasing and financing models for all requirements.



### **Kärcher Service Customer service**

Service means trust. At all times. Services you really need. Fast reaction for maximum availability. Maximum value retention and compliance with all statutory requirements.

Please contact us for more information:

#### **Head Office Germany**

Alfred Kärcher GmbH & Co. KG  
Alfred-Kärcher-Straße 28-40  
71364 Winnenden

Phone +49 7195-14-0  
Fax +49 7195-14-2212

[www.kaercher.com](http://www.kaercher.com)

#### **North America**

Kärcher North America  
4555 Airport Way  
Denver, CO 80239  
USA

Phone +1 303-738-5805  
Fax +1 303-865-2758

[www.karcherna.com](http://www.karcherna.com)

#### **United Kingdom**

Kärcher (UK) Ltd  
Kärcher House  
Brookhill Way  
Banbury  
Oxon OX16 3ED

Phone +44 1295-752-000  
Fax +44 1295-752-103

[www.karcher.co.uk](http://www.karcher.co.uk)

#### **Ireland**

Kärcher Ltd  
Unit 4  
E.P. Mooney Business Park  
Walkinstown Avenue  
Dublin 12

Phone +353 1-409-7777  
Fax +353 1-409-7775

[www.karcher.ie](http://www.karcher.ie)

#### **South East Asia**

Regional Head Office  
South East Asia

Karcher South East Asia Pte Ltd  
3 Depot Close #01-01  
Singapore 109840

Phone +65 6897-1811  
Fax +65 6897-1611

[www.karcher.com.sg](http://www.karcher.com.sg)

#### **Hong Kong**

Kärcher Limited  
Unit 05, 13/F, Nanyang Plaza  
57 Hung To Road  
Kwun Tong, Kowloon

Phone +852 2-357-5863  
Fax +852 2-357-5632

[www.karcher.com.hk](http://www.karcher.com.hk)

#### **Australia**

Karcher Pty Ltd  
40 Koornang Road  
Scoresby VIC 3179  
Melbourne, Victoria

Phone +61 3-9765-2300  
Fax +61 3-9765-2398

[www.karcher.com.au](http://www.karcher.com.au)

#### **New Zealand**

Karcher Ltd  
66 Allens Road  
East Tamaki  
Auckland 2013

Phone +64 9-274-4603  
Fax +64 9-274-6932

[www.karcher.co.nz](http://www.karcher.co.nz)

#### **South Africa**

Kärcher (Pty) Ltd  
Cnr Mount Joy & George Allen Rd  
Wilbart Ext. 2  
PO Box 11818  
Vorna Valley, 1686

Phone +27 11-657-7300  
Fax +27 11-657-7440

[www.karcher.co.za](http://www.karcher.co.za)

#### **Dubai**

Karcher FZE  
Quality Cleaning Systems  
Jebel Ali Free Zone  
Plot No. S-10104 South Zone  
RA 08, XB 1, Jebel Ali

Phone +971 4-886-1177  
Fax +971 4-886-1575

[www.kaercher.com](http://www.kaercher.com)