CB line gantry car washes



Simple, quick and economical:

Gantry car washes.





The perfect basis for a brilliant result.

In the car washing business, it all comes down to flexibility, speed and efficiency. And perfect washing results. The gantry car washes in Kärcher's CB line do not take long to set up, are low-maintenance, long-lasting and can be adjusted in accordance with any customer requests. CB line gantry car washes are therefore an innovative solution for lower costs and higher profits.



More than just a washing bay.

The gantry car washes in the CB line are of the highest quality and ensure maximum efficiency. Especially durable parts and hot-dip galvanised steel components ensure reliable operation with long maintenance intervals. Allowing you to concentrate on what really matters: profitable vehicle cleaning.



Identical basic construction

All models in the CB line are built on the same platform, ensuring state-of-the-art high-quality technology.



1 Gentle washing

Variable-speed drive and lift motors for the roof brush and roof drier ensure a gentle washing process.

Maximum safety

2

To provide a safe area for people and vehicles, CB line gantry car washes are equipped with an inductive switch, light sensors and a number of mechanical functions.

³ Practically maintenance-free

The CB line features low maintenance bearings, guides and direct drives, such as the side brush control and the flat belt for the lifting movement.

4 Good accessibility

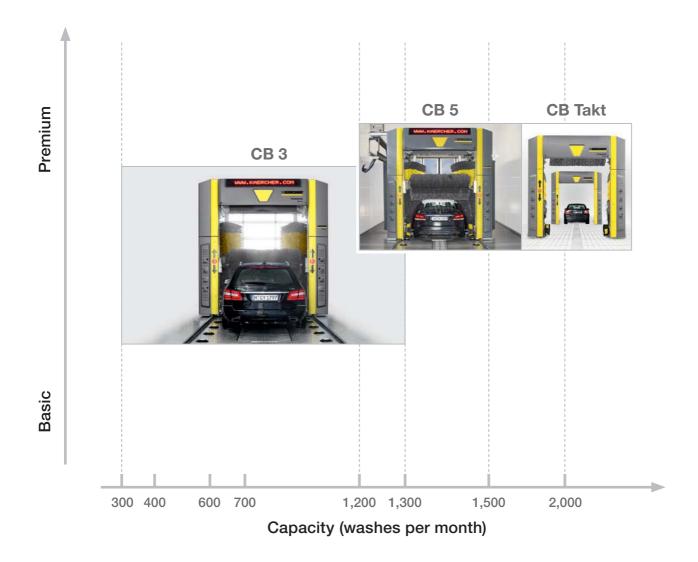
All components can be quickly and easily accessed from the front.

5 Optimum consumption

Intelligently conserves natural resources: The water distributor sprays water and cleaning agents only where they are needed.

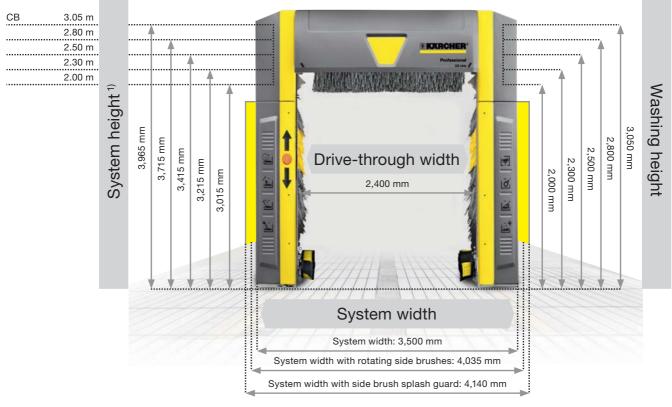
Equipped for every requirement.

For sites with low washing requirements to sites with high washing requirements, from a basic wash bay to a premium station, always in line with the operators' and site requirements: The gantry car washes in the CB line can be extended by a diverse range of additional options and equipment components. This enables every station – whether it is a CB 3, CB 5 or CB Takt – to achieve the perfect cleaning results in next to no time. Every station in the CB line works in accordance with the principle: Gentle care for the car – tough against dirt.



Unstoppable success.

Each location has its own set of requirements. The CB line gantry car washes fulfil all of these. There are five stations and washing heights available. There is therefore the perfect solution for all types of car wash and all types of vehicle models, right down to small pickups. Perfection guaranteed.



Width of safety button: 3,780 mm

¹⁾For stations with "Eco" trim package without front trim, the system height decreases by 65 mm.

CB 3: Simple, quick and economical.

A station really can be flexible, economical and fast. The CB 3 brings these three qualities together within one gantry car wash, leaving no requirement unfulfilled.





1 Attractive design

So that each operator can create their own look for their location, Kärcher offers a wide range of designs.

Perfect pre-cleaning

For removing insect residue and stubborn dirt.

3 Wheel wash

Optional wheel wash for impressive results.

4 Optimum contour capturing

The side brushes are either vertical or positioned at a 15° angle, the perfect position to capture the sills and the upper part of the vehicle.

5 Perfect drying

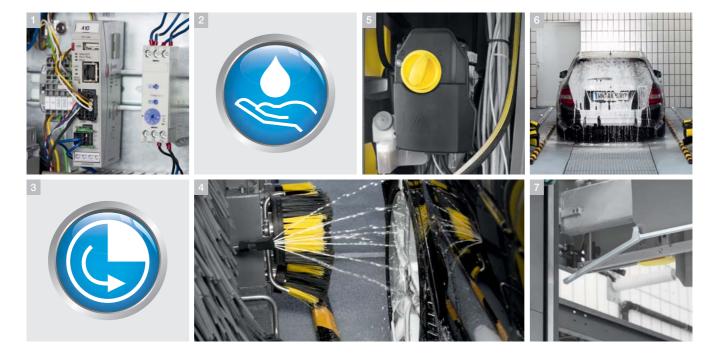
Perfect all-round drying thanks to two separate side driers and a contour-guided roof drier with pivoting vanes for optimal drying of the vehicle roof.

		CB 3 23/3	CB 3 25/3	CB 3 28/3
Technical data				
Washing height	mm	2,300	2,500	2,800
System height*	mm	3,215	3,415	3,715
System width**	mm	3,350	3,350	3,350
Fresh water connection	l / min / bar	50 / 4–6	50 / 4–6	50 / 4–6
Power input	kW	8	8	8
Power supply	~ / V / Hz	3 / 400 / 50	3 / 400 / 50	3 / 400 / 50
Number of brushes		3	3	3

*For stations with the "Eco" trim package without a front trim, the system height decreases by 65 mm.

** Exterior frame width, without side brush splash guard.

Innovations.



1 New control system

Thanks to the high quality Berghof control system, the CB 3 is already connected to the Kärcher fleet management system.

2 Water saving mode

Fresh water consumption is reduced by approximately 15 % per wash. This helps to protect natural resources and reduce costs for the operator.

3 Express wash

The quick wash programme enables a large number of vehicles to pass through the station: Two runs, once forwards, once backwards. Less waiting time and satisfied customers. This programme makes sure that the station works at maximum capacity.

4 Wheel foaming

By applying foam that the customer can see, they can be sure that they are getting their money's worth.

5 High pressure pump onboard

The powerful high pressure unit (1,300 l/h, 70 bar) is mounted to the station, requiring no additional space for technology.

6 Foam polish

Applying RM 837, the premium waxing programme takes less than 8 minutes and visibly protects and repairs the vehicle for up to 10 washes.

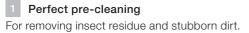
7 Opti Drop Stop

The Opti Drop Stop was developed by Kärcher to prevent water from dripping off the brushes onto the vehicle, guaranteeing a perfect drying experience.

Maximum performance in the smallest of space: the Kärcher CB 5.

The Kärcher CB 5 is an economic choice for car washes with more than 1,200 washes per month. Operators profit from the express wash, which takes just two runs, and the increased vehicle throughput which decreases waiting times for customers.





Perfect wheel wash

Optional wheel wash for impressive results.



3 Perfect pre-wash

With active foam, side or all-round high pressure.

4 Perfect paint protection

Foam wax with RM 837 for visible long-term protection with repair effect.

5 Perfect drying

Contour-guided roof drier with pivoting vane.

		CB 23/5	CB 25/5	CB 28/5
Technical data				
Washing height	mm	2,300	2,500	2,800
System height	mm	3,215	3,415	3,715
System width*	mm	3,500	3,500	3,500
Fresh water connection	l / min / bar	100 / 4–6	100 / 4–6	100 / 4–6
Power input	kW	22	22	22
Power supply	~ / V / Hz	3 / 400 / 50	3 / 400 / 50	3 / 400 / 50
Number of brushes		5	5	5

*Exterior frame width, without side brush splash guard.

Equal to every task: Kärcher CB Takt.

For facilities with a high vehicle throughput who find that gantry car washes do not provide enough capacity and that car washes are not economical enough, the CB Takt is the perfect system solution. The two gantries in the series enable two vehicles to be washed and dried at the same time.





1 High vehicle throughput

Designed for 1,200 washes per month or more. Excellent washing and drying results even at maximum speed.

Perfect wheel wash

Optional wheel wash for impressive results.

3 Always the right choice

The range of equipment available for the CB Takt enables a large number of programmes to be used with a high vehicle throughput.

4 Perfect drying

The separate drying area with roof and side driers creates the perfect drying results.

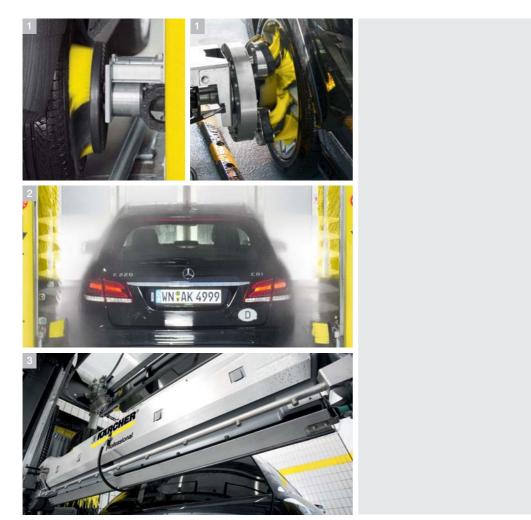
5 Maximum convenience

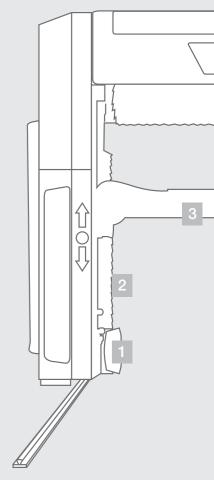
The customer remains seated in the vehicle during the entire washing and drying process.

		CB Takt/23	CB Takt/25	CB Takt/28
Technical data				
Washing height	mm	2,300	2,500	2,800
System height	mm	3,215	3,415	3,715
System width*	mm	3,500	3,500	3,500
Fresh water connection (wet gantry) Fresh water connection (dry gantry)	l / min / bar I / min / bar		100 / 4 50 / 4	100 / 4 50 / 4
Power input (wet gantry) Power input (dry gantry)	kW kW	5 16	5 16	5 16
Power supply	~ / V / Hz	3 / 400 / 50	3 / 400 / 50	3 / 400 / 50
Number of brushes		3	3	3

*Exterior frame width, without side brush splash guard.

Individual equipment, whatever you require.





Wheel wash. Pre-wash. Drying.

1 Effective wheel wash

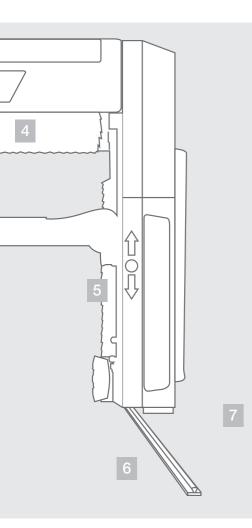
The Teller-Rawa gives wheel rims a good and thorough clean. The innovative Rawa 2.0 works like an electric toothbrush, guaranteeing perfect rim cleaning.

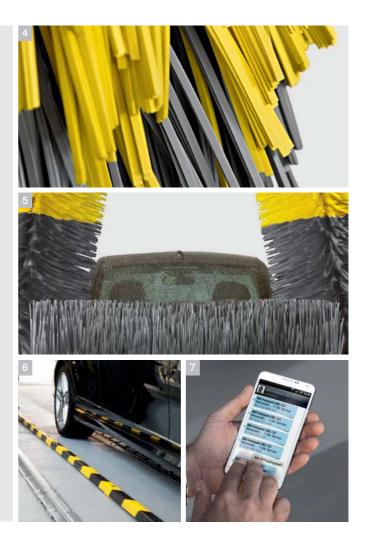
2 High pressure from all sides

There is no end to the range of high pressure washes: from high-pressure sill cleaning, to sill and side cleaning, to an allround high-pressure wash.

3 Powerful drying

From dry to bone dry: Two separate side driers, contour-guided roof driers with and without pivoting vanes and the Opti Drop Stop to prevent washing water dripping down onto the vehicle.





Washing material.

Equipment for machines and washing bays.

4 Brush configuration options

A wide range of colours and materials: Polyethylene, foam, foam with polyethylene or fabric.

5 Optimum contour capturing

The side brushes are either vertical or positioned at a 15° angle, the perfect position to capture the sills and the upper part of the vehicle.

6 A safe entrance

Bollard protecting in the form of guide rails or speed stops makes ensures that every vehicle stays on the right track.

7 Controlled remote monitoring

RDS remote monitoring helps to make sure that the station is working smoothly at all times. Without problems. With reliability.

Individual equipment, whatever you require.



Design. Design. Design.

1 The perfect design for a unique look

The CB line's standard range of trim packages "Eco", "Deluxe" and "Open Art" offers a number of attractive design options. However, stations can also be tailored to suit the customer's design requirements.

2 Functional panel elements

Whether you select front panels, front and ticker panels or rear panels – each CB line car wash manages to merge exceptional functionality with attractive design.

3 Reliable splash guard

Cleaning requires water. Panels on the side and roof of the station provide effective protection from spray water.



Energy supply. Undercarriage wash. Start-up and control systems.

4 Variable power supply

CB line gantry car washes are supplied with energy via a power pillar, a power chain or a cable.

5 Overview of functions

Even the basic control panel provides a complete overview of all important functions. The comfort control panel covers every function you'll ever need.

6 Powerful undercarriage wash

Regardless of whether it uses a rigid process or segment-based process, the CB line's undercarriage wash always achieves first-class results.

7 Intelligent start-up and operating systems

When it comes to operating and making full use of the functions in the CR 213, CR 300, CR 110 and CR 114 systems, there is the perfect start-up and operating panel for each and every purpose.

Environmental care: Kärcher water reclamation systems.

Kärcher water reclamation systems save money while protecting the environment. Using innovative physical filtration, waste water is fully fed back to the washing process and fresh water consumption is reduced by up to 85%.



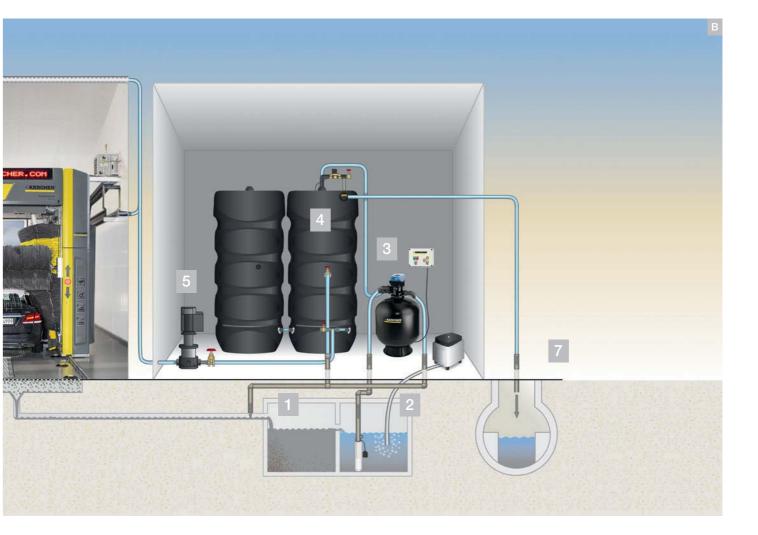
Discharging wastewater via the recycled water tank into the sewage system

Discharging wastewater via the reservoir system into the sewage system

The recycling cycle

The waste water flows through the sediment basin 1 to the pump storage basin 2. From there it is pumped through a sand filter with automatic backflush capability 3 into the recycled water tank 4. A supply pump 5 draws water from this tank for the washing process. Excess water can be discharged via the

overflow of the pump storage basin into the sewer either directly or via a separator, depending on legal 6 regulations. The waste water can also be discharged to the sewer directly from the recycled water tank 7. In this case there is no connection between the pump storage basin and the sewer.





The WRP 8000 has DiBt type approval. This serves as proof for the best possible circulation in accordance with Appendix 49 of the German Waste Water Ordinance (AbwV). It also makes the official environmental approval process significantly simpler.

		WRP 8000
Technical data		
Flow rate	l/h	8,000
Power input	kW	1.3
Power supply	~ / V / Hz	1 / 230 / 50
Buffer tank capacity	I	1,000 - 3,000



Kärcher cleaning agents – tough on dirt, easy on the environment.

For over 30 years, Kärcher has developed its own highly-efficient and eco-friendly detergents and chemicals for specific cleaning tasks. Kärcher has a been a supplier of high-quality systems for years and now ranks as a world leading manufacturer of cleaning machines, detergents and chemicals. Kärcher has a wealth of expertise and technologies that set standards and offer tailor-made solutions from one source.

	Product description	Application	Prepa- ration	Dosage	Product information	Bulk size	VE	Order No./ * Quantity
Pre-sprayers	and rim cleaners for cars and commercial vehicles							
and the second s	Prewash RM 803 ASF	High-pressure cleaners	1+2	1.5-6%	alkaline	101	1	6.295-547.0
	Active cleaning, gentle high-pressure prespraying	Vehicle washing bay		0.5–2%	pH: 13	20	1	6.295-548.0
100	agent. Assists softening and removal of oil and	Self-service car washes	1+2	1.5-6%		200 I	1	6.295-549.0
	grease deposits as well as insect residues. VDA-compliant. ¹⁾	Spray units		2%				
-	Prewash RM 803 ASF	High-pressure cleaners	1+2	1.5-6%	alkaline	101	1	6.295-040.0
	Active, gentle high-pressure prespraying agent.	Vehicle washing bay		0.5–2 %	pH: 13.2	20	1	6.295-435.0
	For trouble-free acceleration of the softening pro- cess and removal of oil and grease deposits as well as insect residues. VDA-compliant. ¹⁾	Self-service car washes Spray units	1+2	1+2 1.5–6% 2%		200	1	6.294-978.0
-	Intensive Rim Cleaner RM 800 ASF	Spray units		10%	acidic	201	1	6.295-441.0
-	Effective wheel cleaner concentrate. Active foam	Self-service car washes		10%	pH: 0.3	200	1	6.295-452.0
	enables the gentle removal of all normal rim conta- mination, such as brake dust, tyre wear, winter road salt deposits, lime stains and salt residues.	Vehicle washing bay		10%				
	Rim Cleaner, alkaline RM 801 ASF	Spray units		10%	alkaline	201	1	6.295-323.0
-	Special rim cleaner for all coated alloy and steel rims (except uncoated highly polished special-pur-	Self-service car washes		10–20 % 10–20 %	pH: 13.5	200	1	6.295-401.0
	pose rims). Gentle action effectively removes the most stubborn wheel rim contamination, such as road dust, baked-on brake dust, tyre wear and win- ter road salt deposits. Does not damage concrete floors or wheel arches. VDA-compliant. ²⁾							
High-pressure	and foam wash							
-	Active Foam Wash Nano RM 816 ASF	Vehicle washing bay	0.	0.2%	slightly	201	1	6.295-440.0
	Highly active, wax-compatible shampoo for brush cleaning in automatic washing bays. A special com- bination of active ingredients improves brush sliding ability to protect the vehicle surface and prepare it optimally for treatment with Nano RM 832 ASF shine drier. VDA-compliant. ²¹				alkaline pH: 8.7	2001	■ 1	6.295-322.0
	Car Shampoo RM 811 ASF	Vehicle washing bay		0.2 %	slightly	201	1	6.295-439.0
-	Highly active, wax-compatible shampoo for brush	vonioio waaning bay		0.2 /0	alkaline	2001	1	6.295-439.0
R	cleaning in automatic washing systems. Specially formulated to reduce sliding friction of brushes and thus protect the surface of the vehicle. VDA-compliant. ²				pH: 8.7	2001		0.200 110.0
	Active Foam RM 812 ASF	Self-service car washes	1+3	0.8%	slightly	201	1	6.295-430.0
No.	Very powerful, foam-intensive active foam. Specially	Vehicle washing bay	ITU	0.8 %	alkaline	2001	1	6.295-137.0
200 RA	formulated to protect vehicle surfaces as well as the brushes. VDA-compliant. ²⁾				pH: 8.9			5.200 101.0

Free from nitrilotriacetate (NTA)

otion	Application	Prepa- ration	Dosage	Product information	Bulk size		VE*	Order No./ Quantity
Gloss Dryer Nano RM 832 ASF Liquid pearl wax with special nanoparticles for use in vehicle washes, coin-op washes and high-pres- sure units. This nano shine dryer quickly breaks down the water film to produce very good drying results. VDA-compliant. ¹⁾	Vehicle washing bay		0.1-0.2%	slightly acidic		_	1	6.295-432.0
	Self-service car washes High-pressure cleaners	1+9	0.1–0.2% 1–2%	рН: 4	2001	•	1	6.295-320.0
0	High-pressure cleaners	1+9	1-2%	neutral	20		1	6.295-428.0
o wax produces a weather-resistar	•	0.1–0.2 % 1+9 1–2 %		pH: 6.3	200		1	6.295-143.0
which protects vehicles against Is natural carnauba wax.	Self-service car washes							
x RM 824	Vehicle washing bay	Undiluted	d 0.1–0.2%	slightly acidic	20		1	6.295-438.0
Drying, protection and care all in one. This liquid pearl wax quickly breaks down the water film and ensures very good drying characteristics, especially if hard water is used. VDA-compliant. ¹⁾		1+9	1–2%	рН: 4	2001	•	1	6.295-074.0
Drying Aid RM 829 This drying aid causes ultra-fast breaking down of	Self-service car washes 0	0.1-0.3%	slightly acidic	20		1	6.295-429.0	
			0.1-0.3%	neutral pH: 5	200		1	6.295-077.0
d generates a long-lasting protectiv le for soft water and osmosis wate								
Kärcher Polish Plus RM 831			40-80 ml/	0,	10		1	6.295-110.0
e care agent with special care for-		vehicle	vehicle	pH: 3.5	20		1	6.295-427.0
ting wax conservation. Protects traffic grime, insects, acid rain and vironmental influences. VDA-com-								
Foam Polish Plus RM 837	Vehicle washing bay		20-40 ml/	0,	20	•	1	6.295-779.0
ng-term protection with repair ac- e surface from environmental influ- s shine. With lotus blossom extract, ompliant. ¹⁾	Self-service car washes	vehicle 20–40 ml/ vehicle		μπ. 4				
e surface fro s shine. With	m environmental influ-	m environmental influ- Self-service car washes	m environmental influ- Self-service car washes	m environmental influ- Self-service car washes 20-40 ml/	m environmental influ- Self-service car washes 20-40 ml/	m environmental influ- Self-service car washes 20-40 ml/	m environmental influ- Self-service car washes 20-40 ml/	m environmental influ- Self-service car washes 20-40 ml/

■ Free from nitrilotriacetate (NTA) ¹⁾ VDA-compliant class A ²⁾ VDA-compliant class B * Contents

Satisfaction right from the start: Kärcher system solutions.

Whether you run a petrol station, car dealership or car wash centre: the CB line gantry car washes are guaranteed to provide customer satisfaction right from the start. Kärcher offers well-conceived system solutions for every application and every user, with outstanding quality and cost effectiveness. That's something you can always rely on – and has been the case for over 75 years.





Pre-wash Versatile high-pressure cleaners to help tackle all types of dirt.



Machine wash The CB line gantry car washes guarantee brilliant results and help you to establish a professional car washing business with low investment and low operating costs.



Manual wash

Self-service single-bay units and multi-bay systems enable car washes to be equipped professionally on a relatively small area and low budget.



Steel structure for self-service car washes

The Kärcher steel structure creates an attractive, modern and uniform appearance for all selfservice washing plants. The modular concept gives customers the option to equip their wash centres or care centres whichever way they wish.





Gentle interior cleaning

Self-service and spray extraction cleaners come in both portable or stationary varieties. They are powerful and reliable machines for cleaning vehicle interiors and seats.



Central self-service vacuum system

A central vacuum system brings the drive, filter system and control units together to form one compact device. State-of-the-art technology provides an excellent vacuum performance at a low cost.

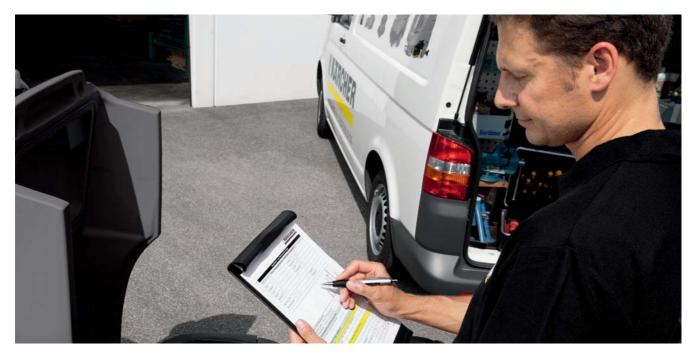


Low water consumption

Water reclamation is possible thanks to the most state-of-theart water treatment systems to help reduce fresh water consumption and decrease costs for the sake of the environment.

Kärcher customer service.

We do not think it is possible to have good customer proximity if you are not actually close to your customers. To us, customer proximity means that our customers can actually visit us nearby. Right around the corner in some cases! This means that we can provide you with quick service. No matter where you are in the world. We are always where you need us to be. Whether you need regular servicing with a fixed appointment. Or you need us right away. At any time. Every day. Thanks to our service team's quick reaction times, we are able to keep machine downtimes to an absolute minimum.



We bring you what you need

Thanks to the Kärcher original spare parts express delivery service available across all five continents, any part you need will be on its way to you in next to no time. The shortest route is always the quickest. Kärcher Service also provide perfect route planning to help to reduce costs. We always plan our trips to keep routes and journey times to an absolute minimum.

We are ready

We are there when you need us. In your office. Working on your systems. Or wherever you may need us. Areas of application are the decisive factors in determining the products that suit your needs.

We are international

Sometimes facts and figures tell you everything you need to know: Over 50,000 service points worldwide. Each with a service team on standby, ready to help you.

Service is our life

Thanks to our global service network and the quick reactions of our Kärcher service teams, we are able to deliver any spare part overnight, bringing it wherever you need it. We can then install the part straight away to ensure your machine is back up and running within the shortest possible time. This is why we have set up the Kärcher service hotline, which you can reach outside of normal business hours. The hotline is not only reserved for emergencies; you can also use it to make appointments or book technical training sessions. Training sessions provide us with an opportunity to pass our knowledge onto your team. Our service staff and application engineers undergo continuous training to keep their knowledge up-to-date. They also work with precise diagnosis units and measurement devices, powerful tools and testing equipment, and the most up-to-date forms of media.

Enthusiasm. Innovation. Success.

Since its beginnings more than 75 years ago, as a value-oriented family business, Kärcher has become a world brand with three strong attributes: top performance, innovation and quality. Today, the Kärcher brand enjoys the reputation of being a global leader and resource-conserving supplier of professional cleaning systems and is synonymous with reliable products, optimal user value and ongoing commitment to the environment, culture and sport.



1 Seattle's highest building: the Space Needle

A Kärcher team pressure-washed the structure up to a height of 184 m. The job took eight weeks, working only at night.

2 A facelift for the heads of state

Clean again: In 2005 Kärcher cleaned the National Memorial on Mount Rushmore.

Innovative right from the start

In 1950, Kärcher developed the first hot water high-pressure cleaner in Europe for professional cleaning.

4 Clean environment

Kärcher works on environmental protection every day, with new products, technologies and investments in production facilities.

5 In-house research and development

Kärcher develops high-performance cleaning machines, accessories and special cleaning and care products.

Internationally represented

We are there for our customers all around the world.

7 Commitment to sports

Clean performance on the pitch. For several years, Kärcher has supported German and international football as a partner.



makes a difference

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

North America

Kärcher North America 750 W. Hampden Avenue Suite 400 Englewood, CO 80110 U.S.A.

Phone +1 303-738-5805 Fax +1 303-738-2758 www.karcherna.com

United Kingdom Kärcher (UK) Ltd.

Kärcher House Beaumont Road Banbury Oxon OX16 1TB

Phone +44 1295-752-100 Fax +44 1295-752-103 www.karcher.co.uk

Ireland

Karcher 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

Regional Head Office Southeast Asia

Karcher South East Asia Pte. Ltd. 5 Toh Guan Road East, #01-00 Freight Links Express Distripark, Singapore 608831

Phone +65 68971811 Fax +65 68971611 www.karcher.com.sg

Hong Kong Kärcher Limited

Unit 05, 13/F, Nanyang Plaza 66 Allens Road 57 Hung To Road Kwun Tong, Kowloon

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

New Zealand Karcher I td.

East Tamaki Auckland 2013

Phone +64 9-274-4603 Fax +64 9-274-6932 www.karcher.co.nz

South Africa

Karcher Pty. Ltd. Corner Mount Joy & George Allen Road Wilbart Ex2 Germiston Johannesburg 2008

Phone +27 11 657 7300 Fax +27 11 657 4872 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