

KÄRCHER

ALWAYS UP TO THE CHALLENGE

System solutions for cleaning commercial vehicles and buses.

PROFESSIONAL | COMMERCIAL VEHICLE WASHES

WN AK 140

AND THERE YOU HAVE IT

Hassle-free wash process

Our patented side brush suspension system allows the brushes to move freely in all directions. This prevents the shafts from bending. The contact pressure of the side brushes adapts to suit the particular vehicle, which, in combination with precise contour detection, ensures optimum washing results.

Functionality

The control unit with integrated touchscreen allows flexible configuration of all parameters for optimum adaptation to your fleet.

Flexibility

A TB can also be adapted to your premises. Because we make them fit. We can reduce the height of each basic version by up to 300 millimetres, in increments of 100 millimetres. And the width can be reduced by 100 millimetres on either side. The wash height and wash width change accordingly.

TB

Wash heights:** 3,600/4,250/4,600/5,050 mm
Machine heights:** 4,539/5,189/5,539/5,989 mm
Machine heights with roof brush splash guard:** 4,597/5,247/5,597/6,047 mm
Machine width with rotating side brushes:* 4,830 mm
Machine width with side brush splash guard:** 5,000 mm
Fresh water connection: 100 l/min, 4-6 bar
Rated input power: 5.3 kW
Power supply: 3~/400 V/ 50 Hz, 3~/380 V/60 Hz

- * Can be reduced by 200 mm in a single increment.
- ** Can be reduced in three increments of 100 mm.
- *** Adjustable by +/- 200 mm depending on brush diameter.



FAST AND EFFICIENT

For a bus company, time and keeping buses looking their best are vital factors. Our high-performance vehicle wash systems clean buses quickly and effectively, saving you time and ensuring your buses are always clean.

Process efficiency

Fast washing needn't mean an increased risk of accidents. The TB can wash a bus in just 2.5 minutes, without the driver having to make any complicated manoeuvres.

Control

With a TB, a quick wash doesn't mean a rushed wash. With complete control of the side brushes, which overlap at the front and rear, combined with special arches for prewash, shampooing and rinsing with drying aid, the TB achieves a high wash quality unimaginably quickly.



A ONE-SIZE-FITS-ALL SOLUTION

A transport company fleet usually consists of a variety of commercial vehicles, each of which places different demands on vehicle cleaning. With our solutions, you can get every kind of vehicle perfectly clean.

Lower consumption

The TB offers you various solutions to improve your washing performance, reduce manual operation and save water and time.

Cost per wash

If your company is looking to lower costs per wash while at the same time reducing the washing time per vehicle, the TB is the answer – with automatic prewash, full control of consumption and a reduced application time.

The best alternative for fleet operators looking to reduce water consumption and washing time is our automatic high-pressure system, which works simultaneously with the brushes and thus washes the lower section of the trailer, which is difficult to clean with brushes.

Video



CLEAN ALL OVER

We know that different vehicles present different challenges, in particular vehicles with irregular shapes where brushes struggle to deliver a thorough clean.

Intensive pre-spraying

The best way to start a touchless wash is to apply a highly concentrated alkaline solution using an automatic system. This reduces the application time and controls the consumption per wash with the all-round pre-spray system.

Spinners

Large vehicles call for large flow volumes. Our high-pressure spinners feature ultra-powerful nozzles that combine high volume with high pressure. Their magnetic speed control makes them easy to maintain.

High-pressure roof cleaning

The high-pressure roof cleaning function of the TB incorporates light barriers and a protective cover into the high-volume high-pressure system for added safety. The front and rear of the vehicle are washed with Kärcher power nozzles for impressive results.

Video



POWER IN THE PALM OF YOUR HAND

Manual pre-cleaning is an indispensable part of any thorough vehicle cleaning process. You can clean quickly and reliably with our powerful high-pressure cleaners. Versatile accessories, such as the eco!Booster, allow you to clean even hard-to-reach spots on the vehicle with ease.

eco!Booster

Don't waste a drop of water with your manual high-pressure cleaner. Our eco!Booster combines the water stream with a protective layer of air, which boosts the washing performance and, in turn, reduces consumption of water and electricity.



THE PERFECT CHOICE FOR SMALL FLEETS

The RBS makes washing faster and more efficient. Flat surfaces are cleaned with brushes, leaving only the hard-to-reach areas to be tackled with a manual high-pressure cleaner. This combination halves water consumption and washing time. Benefits that every user will appreciate.

Perfect contour detection

With its vertical contour detection, complete with tilting mechanism and adjusting wheel, the RBS can handle inclined vehicle fronts up to an angle of 10°.

RBS

Wash heights: 3,645/4,205 mm
Machine heights: 3,810/4,370 mm
Machine width: 1,700 mm
Fresh water connection: 80 l/min, 3-6 bar
Rated input power: 1.15 kW
Power supply: 3~/230 V/50 Hz, 3~/400 V/50 Hz, 3~/230 V/60 Hz



THE PERFECT CHOICE FOR SMALL FLEETS

Economical dosing

The RBS uses a dosing pump to add only as much Kärcher detergent as is actually needed. This reduces costs and saves resources.

Simple operation

The practical operating and safety handle allows you to guide the RBS with minimal effort, as the brush rotation helps propel it forwards. If you let go of the handle, the brush rotation stops immediately.

Unrestricted manoeuvrability

Its aluminium construction makes the RBS both easy to steer and hard-wearing. Two track wheels and four steering rollers guarantee a secure grip and easy manoeuvring. The half-shell cladding reliably protects the operator from splash water.



THE BEST COMBINATION

The RBS is an intermediate solution between manual high-pressure cleaners and the automatic commercial vehicle washes.



High-pressure cleaners

Washing time	★★★★
Washing quality	★
Efficiency	★

RBS

Washing time	★★
Washing quality	★★
Efficiency	★★

TB

Washing time	★
Washing quality	★★★★
Efficiency	★★★★

DON'T JUST TALK

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 reclaim water quality and saves up to 98% fresh water. Also suitable for use with high-pressure cleaners.

WRP 8000/16000

Physical filtration means that all the waste water is fed back into the washing process, reducing fresh water consumption by up to 85%.

Both the WRP 8000/16000 and the WRB Bio have DiBt type approval as proof of the most extensive recirculation as defined in Annex 49 of the German Waste Water Ordinance. This drastically simplifies the authorisation process with environmental authorities.



WRB Bio

WRP 8000/16000

EFFICIENT CLEANING

Kärcher detergents and care agents for high cleaning performance with low consumption and high material compatibility.



Rim cleaners

VehiclePro Rim Cleaner, acidic RM 800

Acidic rim cleaner for the gentle removal of common soiling such as brake dust, tyre wear or limescale stains.

VehiclePro Rim Cleaner, alkaline RM 801 Classic

Rim cleaner for all coated light alloy and steel rims. Thorough removal of dirt.

Pre-spraying agent

VehiclePro Truck Cleaner, alkaline RM 805

The pre-spraying agent effectively supports the removal of the most stubborn types of dirt, such as soot, oil, tar and insect residue.

EFFICIENT CLEANING

Kärcher detergents and care agents for high cleaning performance with low consumption and high material compatibility.



Pre-spraying agent

VehiclePro Truck Cleaner, acidic RM 804

Manual pre-spray with corrosion protection effectively removes mineral soiling such as mortar and concrete from construction vehicles.



Shampoo

VehiclePro Brush Shampoo RM 811 Classic

Concentrated, active brush shampoo. The active ingredient combination helps the brushes to slide, which in turn protects the vehicle surface.



Drying aid

VehiclePro Liquid Leather RM 833

Special drying aid for vehicle wash systems without blow drying. Helps to remove water from large areas and dries without leaving streaks behind.

SERVICE, LEASING, WARRANTY

ALWAYS THERE FOR YOU



SERVICE

International, customer-oriented – every day and at any time.



LEASING

Flexible to keep you solvent – reliably and fairly.



WARRANTY

Register your machine – and reap the benefits.

KÄRCHER

makes a difference

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Further information on our vehicle cleaning systems can be found at