CBK Wash

# BS-105 | Gantry Car Washing Machine




# BS-105

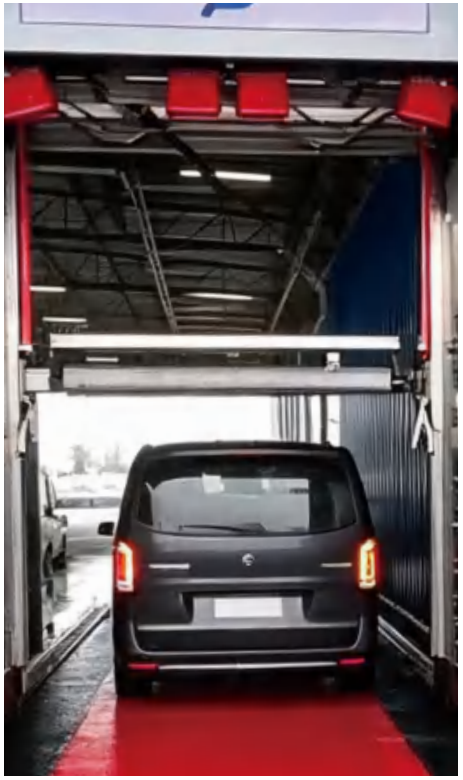
## Gantry Car Washing Machine

# CBK Gantry Washing Machine for Bus& Truck

| Side Swinging Nozzles | 12Mpa High Pressure Washing | Automatic Washing Height Adjustment | Gantry Contour Following |
|---|---|---|---|





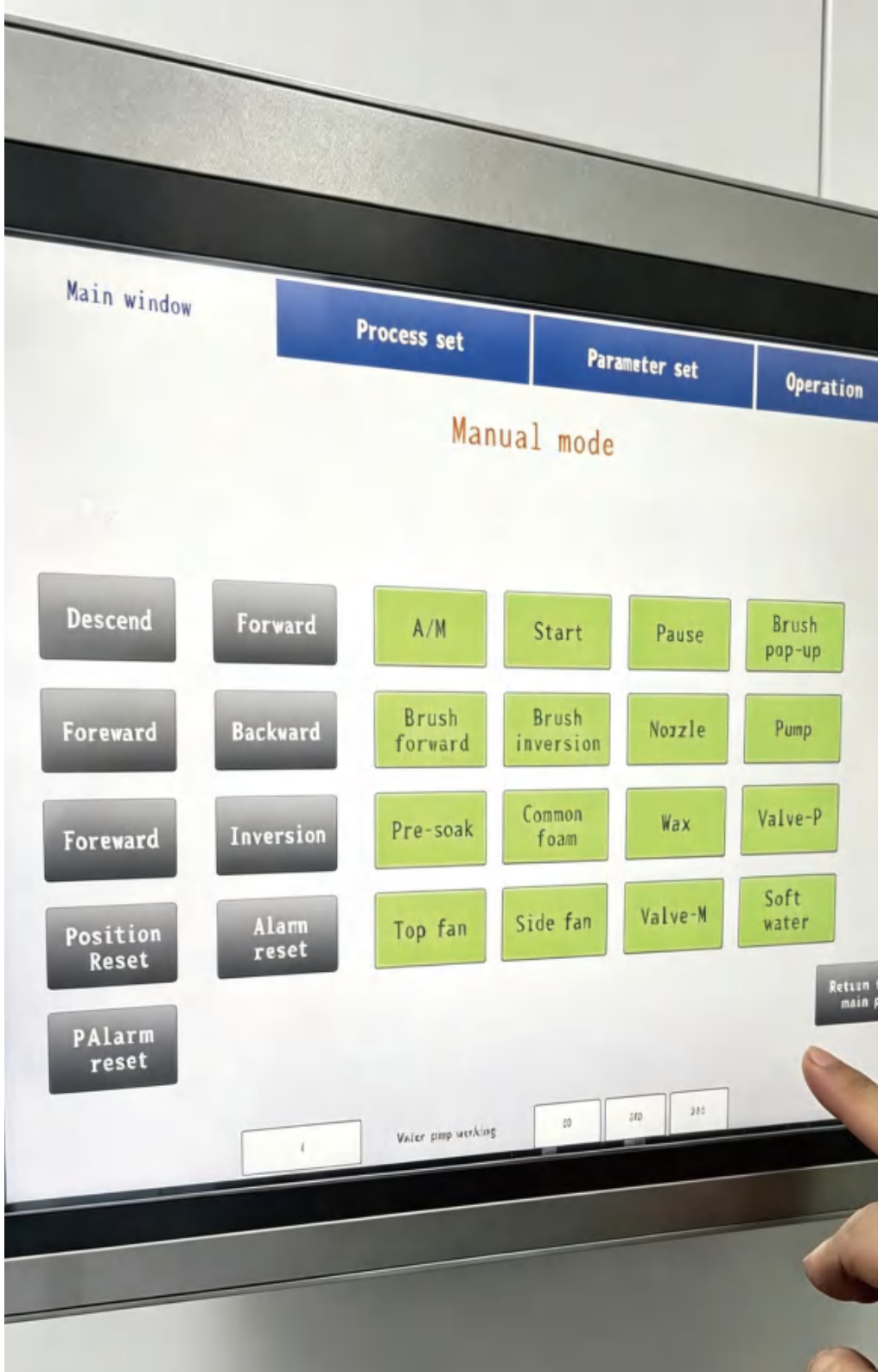


# 01 Customizable Settings

**Easily adjust wash modes, steps, working speed, and water pressure to** meet your specific cleaning effect.

**Adjustable Parameters**

**Customizable Cleaning**



# 02 Durable Stainless Steel Body

**Resistant to corrosion and built to** last for long-term use.

- Corrosion Resistant
- Durable Longevity



# Application Scenario

**The ultra-high cleaning height is designed to accommodate the cleaning needs of large** vehicles of all sizes. With abundant foam and powerful air drying capabilities, it ensures an efficient and thorough cleaning process.




Ambulance



Fire Fighting Truck



Truck



Motor Bus



Livestock Carrier



Tank Truck



Chemical Truck



Special Transport Vehicles

# High-Pressure Cleaning

**The top high-pressure nozzles operate at 12 MPa to thoroughly clean the roof,** front, and rear of the vehicle, effectively removing stubborn dirt. Once the top **cleaning is completed, the side nozzles activate automatically to completely rinse both sides of the vehicle, delivering a** spotless, like-new appearance.

- **12MPa** **High Pressure**
- **Horizontal contour-following nozzles**
  **Side swinging nozzles**
- **Powerful Cleaning**



# Cleaning system

## Pre-Soak

**The horizontal arm moves vertically to precisely spray the front, top, and rear of the vehicle, while side nozzles evenly cover both sides,** ensuring complete pre-soak application.



## Water Wax

**A layer of water-based wax is evenly applied, providing protection against acid rain and pollutants, extending the life of** the vehicle's paint.



# Powerful Air Drying

Equipped with four 5.5kW upper blowers and four 5.5kW side blowers, and all **eight air dryers activate simultaneously** to provide fast and efficient drying for your vehicle. This ensures outstanding **drying performance, leaving your car** looking as good as new.

***8 built* – *in air dryers***

***Simultaneous* *quick drying***

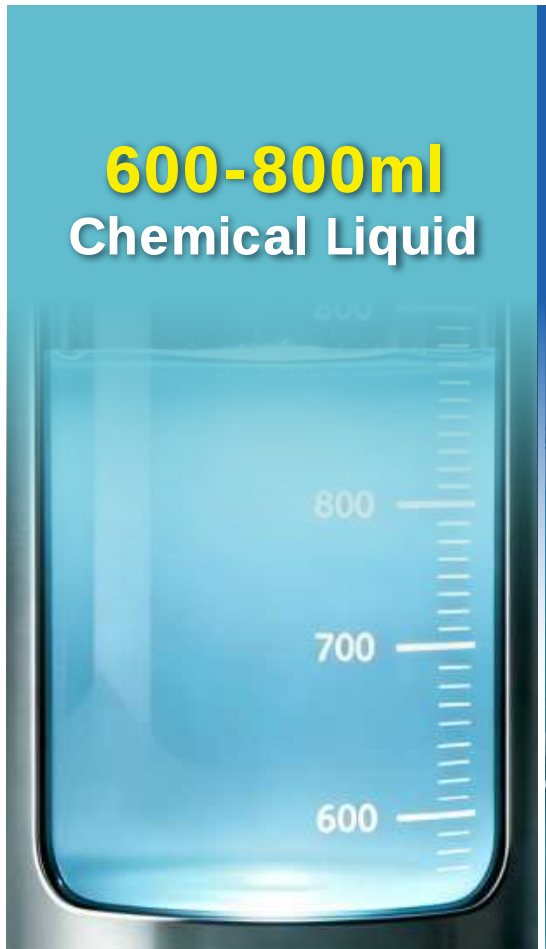
***Perfect* *drying effect***

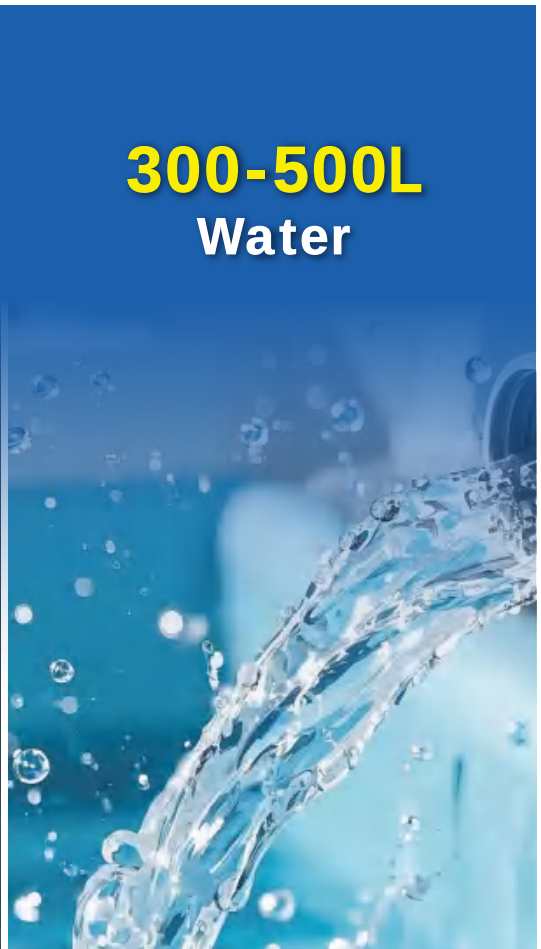


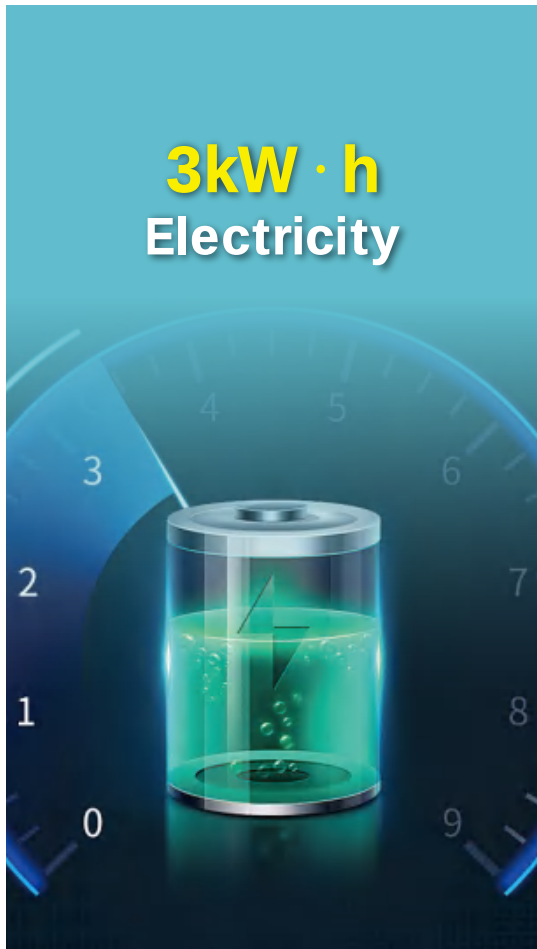
# GANTRY TRUCK
# WASHING MACHINE





# Technical Parameters | BS-105

**Installation Dimension:**
L22m*W5m*H5.5m Keep the necessary inspection access on both sides

**Washing Truck Dimension:** No more than L18m*W2.6m*H4.3m

**Working Voltage: Standard:** 3Phase-4Wires-AC380V-50Hz Or Customized

**Water:** Pipe Diameter DN25 ; Flow: N153L/min

**Other:** Site leveling error not exceeding 10mm

**Washing Method:** Gantry Contour- Following

**Accept Truck Type:** Truck, Trailer, Bus, Container etc.

**Capacity:** Estimate 3 - 4 sets/hour

# Basic Configuration | Three Years Whole Machine Warranty

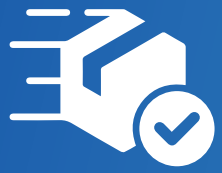
| | | | | | |
|---|---|---|---|---|---|
| Installation Dimension (L*W*H) | L22m*W5m*H5.5m | Small Water Pump | HOBANN 1.TKW | HMI | MCGS 1021ET |
| Gantry Outer Frame Dimension (L*W*H) | L2m*W4.5m*H5.3m | Gantry Interior Dimension (L*W*H) | L1.2m*W3.3m*H4.5m | Photoelectric Sensor | BEDOOK |
| Washing Dimension (L*W*H) | L18m*W2.6m*H4.3m | Power Consumption | 3kWh | Proximity Switch | DADISICK |
| Water Pump Motor Power | YONGSHUN 18.5KW | Air Blower Power | Chiye 5.5KW*8pcs | Bearing | SANZHOU |
| Water Pump Power | BOTUO 130L | Chemical Detergent Consumption | 600-800mL | Reducer | DEJUQIANG |
| Standard / Maximum Water Pressure | 90bar/120bar | Water Wax Consumption | 300-400mL | Induction Motor | DEJUQIANG 370W |
| Power Supply | 380V/30KW | Proportion Pump | Green Water 12L*3pcs: 40L"1pcs | Circuit Breaker | DELIXI |
| Water Consumption | 300L-500L | Frequency Converter | SAJ 22KW | Relay | DELIXI |
| Electrical Control Cabinet | Galvanized Sheet | Proportion Cabinet | Galvanized Sheet | PLC | DELTA DVPES2 |
| Power Cabinet | Galvanized Sheet | Driver | INVT*1 750W Delta*2 750W | Gantry Frame Material | 304 Stainless Steel |

# Basic Function

- Chassis Wash
- Pre-Soak
- Water Wax
- ISPC Intelligent Soft Pressure Control
- 4*fixed top blowers + 4*fixed side blowers
- Automatic Safety Alarm System
- Chemcial Detergent Automatic Proportion System
- Soften Water
- Automatic Washing Height Adjustment
- Remote Control Operation
- Gantry Contour- Following Wash
- Automatic Standby
- High-Pressure Wash
- Intellligent VFD Energy Saving
- Intelligent Anti-Collision Protection
- Segmented Washing
- Washing Quantity Statistics
- Remote Control
- Remote Program Update
- Free Spare Parts Package

# Total Support

With our experienced and skilled team, we deliver the **equipment to your site, and also take care of its installation** and accurate setup on-site. This practical approach ensures **that your equipment runs with top stability and consistent** quality from day one.



Shipping Support



Equipment Support



Marketing Support



Installation Support



Operation Support



Track After-sales



Optional Support

# Total Support

## Design Support

**CBK provides you with logo design services for car washing machine and design services for process** screen light boxes. In addition, our system can **accept all languages including your local** language. ( Process guidance screen + sound alarm system + PLC screen).

## Spare Parts Support

The efficiency of any equipment is determined by the quality of its components. Recognizing this, we maintain a ready stock of high-quality spare parts. Should any **part of your equipment require a replacement, our inventory ensures an immediate response, facilitating a seamless continuation of your equipment's operation** without significant downtimes.






| NO. | 品名 | Description | Picture | Type/Brand | Free Qty | Unit price (USD) | Total amount (USD) |
|---|---|---|---|---|---|---|---|
| 1 | 气管对插 | Air tube docking screws | | | 3 Pcs | 1.3 | 3.9 |
| 2 | 9L/20L配比泵吸液软管 | Soft Pipe for 9L/20L chemical pump | | | 5 M | 0.6 | 3.1 |
| 3 | 9L/20L配比泵出液硬管 | Soft Pipe for 9L/20L chemical pump | | | 5 M | 0.6 | 3.1 |
| 4 | 背压阀（9L和20L通用） | Back Pressure Valve | | 9L and 20L | 1 Pcs | 17.9 | 17.9 |
| 5 | 泡沫水电磁阀 | Solenoid valve for foam water DC24V | | DC24V TWSNS | 1 Pcs | 17.2 | 17.2 |
| 6 | 气压调节阀 | Chemicals Air pressure regulating valve | | | 1 Pcs | 12.9 | 12.9 |
| 7 | 配比泵接头 | Joint for chemicals pipe | | | 4 Pcs | 2.9 | 11.5 |
| 8 | 遥控器 | Remote control | | 6键 | 1 Pcs | 5.4 | 5.4 |

# Total Support

## After-Sales Training

**Beyond just supplying state-of-the-art equipment, we invest heavily in the** human element. Our comprehensive **training programs are meticulously designed to empower you and your** entire team. With our hands-on session **and expert guidance, every member becomes adept at operating the** equipment in the most efficient manner **maximizing output and minimizing** errors.

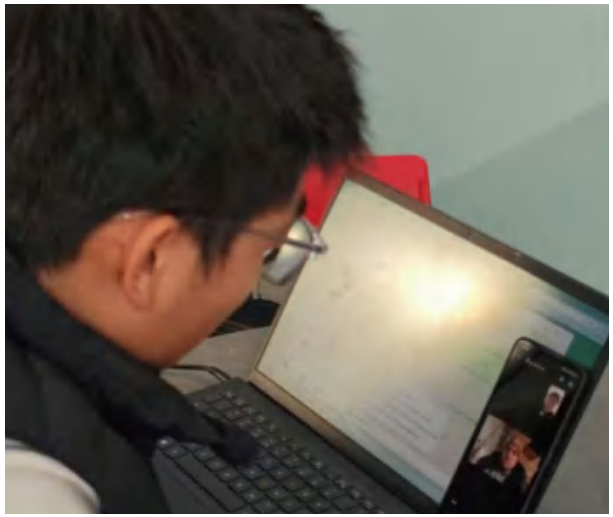
## Free System Upgrade

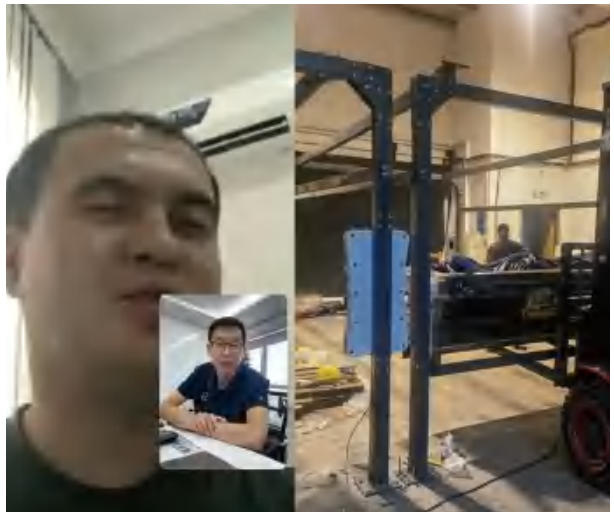
**As technology evolves, we provide free system upgrades to keep your** equipment performing at its best. Additionally, with the optional Internet **box, you can upload or download update programs, and our software engineers can remotely diagnose and resolve program faults – helping you minimize downtime without the need** for an on-site visit.

## Technical Support

Our skilled technical support team stands **ready to assist you with any challenges you may encounter and ensure the best** performance of your equipment. From **troubleshooting to in-depth technical inquiries, we're here to provide prompt** and effective solutions. At the same **time, CBK will also provide customers with complete equipment information, user manual, professional training, and** 24H online service.

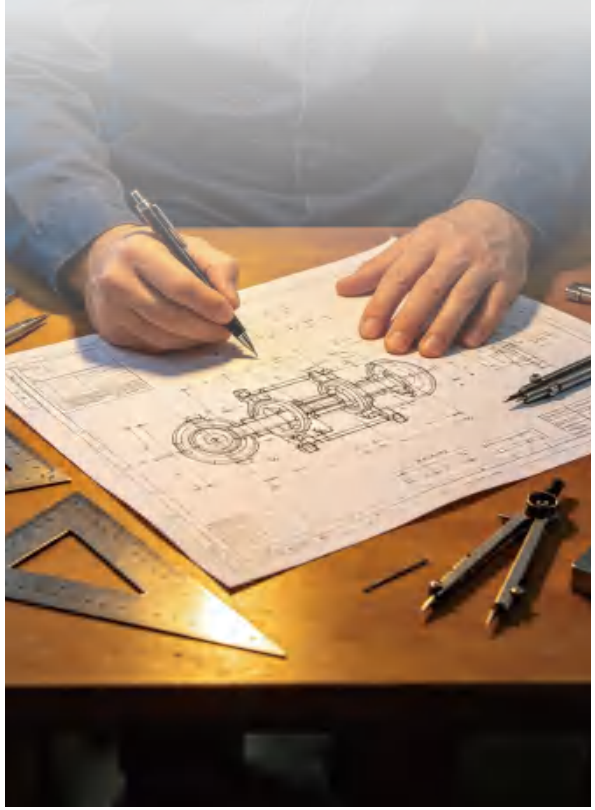






# WHY CHOOSE CBK

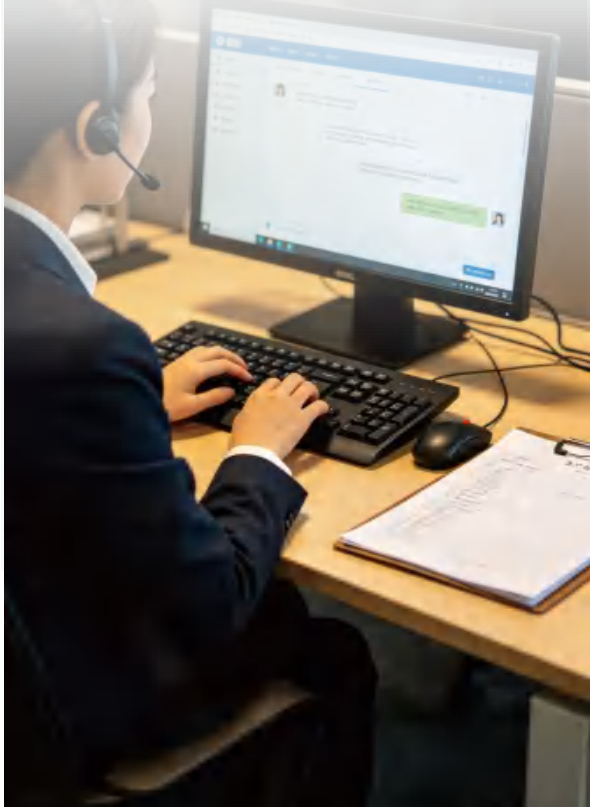
**CBK** offers personalized customization services to meet the diverse needs of clients, ensuring precision and efficiency in service delivery.



A professional team provides technical support, addressing clients' technical challenges to ensure smooth project progress.



Establishes an efficient communication mechanism to respond promptly to client needs, ensuring service quality and customer satisfaction.





# CONTACT US


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CBK Wash

# CBK, THE CAR BATH KING

## 15 years of stable operation


CBKWash