CBKWash

OPTIONAL BROCHURE

Custom Configuration Manual



CBK, the Car Bath King.
Engineered for **15** years+ Longevity.

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CUSTOMIZATION

Movable Side Fans

2500USD

Quantity: 2 units (installed on a mobile unit, pneumatically driven)
Function Description: Total power (including standard configuration): Standard models (e.g., CBK308) come standard with 4 fans (4×5.5KW). Adding 2 more fans as an option brings the total to 6 fans operating simultaneously, achieving a total drying power of 33KW. This significantly improves drying efficiency, making it especially suitable for high-body vehicles such as SUVs and MPVs.

*When the car wash machine is equipped with side fans, the overall installation width increases by 1m.

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3 phase *380V*

Single unit power *5.5KW*



CUSTOMIZATION

Lava Foam Function

1500USD

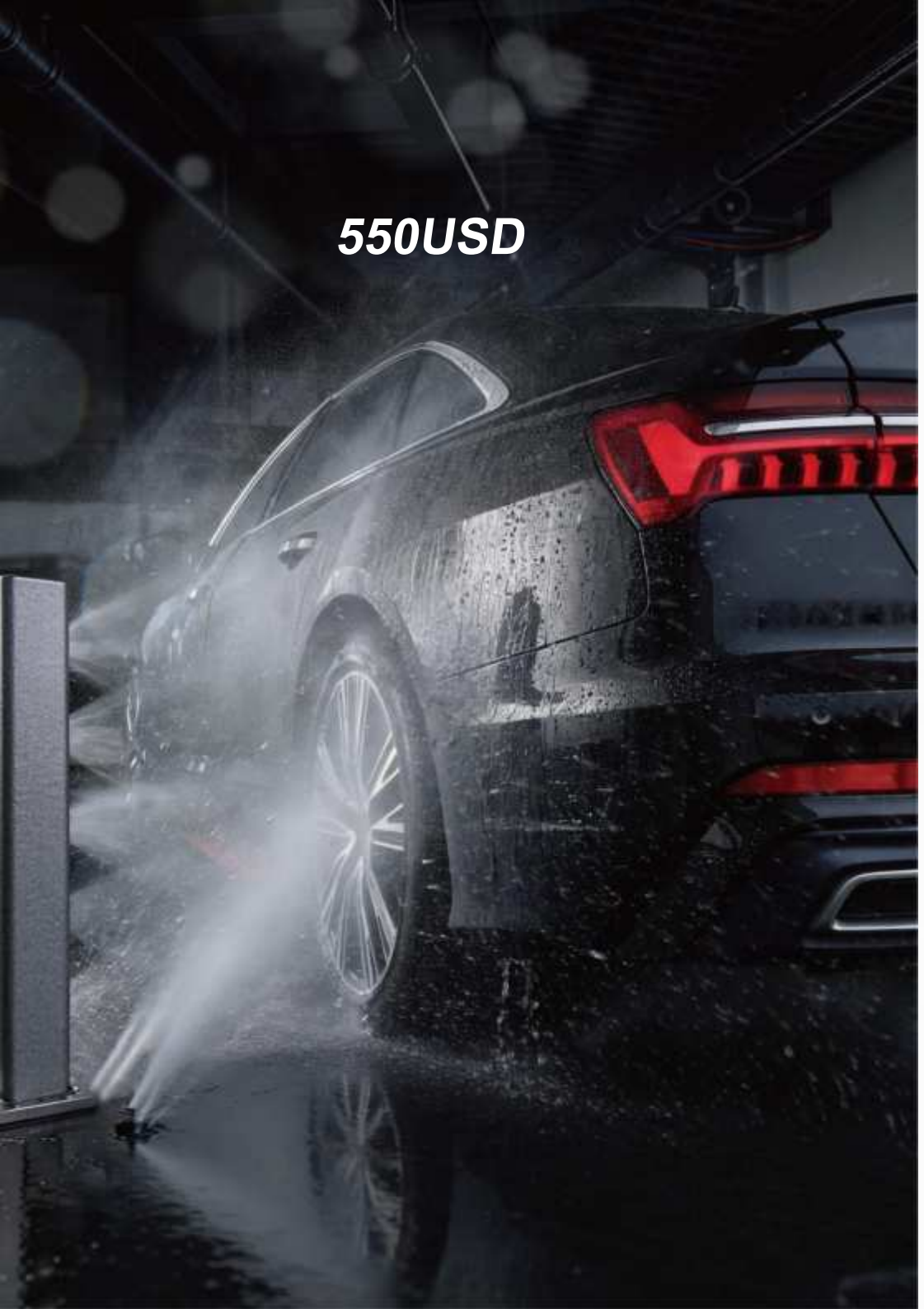
In the process setup, Lava foam is a separate step. Installation does not affect the original machine size.
*Compatible Models: CBK208; CBK308.
Function Description: Lava colorful foam is an excellent option to enhance the car wash experience. Thick foam cascades down from the top of the machine, creating a visually stunning effect combined with colorful LED lights.











CUSTOMIZATION

Vertical Ground Spray

Function Description: Provides superior pre-wash performance for vehicle sides, ensuring thorough cleaning and better preparation for the main washing process.
Control Method: Independently operable
Spray Head Angle: Fixed angle (non-adjustable)
Working Pressure: 10 bar (1 MPa) ~ 20 bar (2 MPa)
*For chassis cleaning, avoid excessive pressure to prevent damage to chassis components.
Nose Configuration: Uses 6503 nozzles (6503 nozzles have smaller outlets, resulting in higher water pressure at the same flow rate and better pre-wash effect).
Nose Arrangement:
5-4-5-4-5 (Standard ground spray is 4-5-4)

CUSTOMIZATION

Voltage Customization



1500USD

The standard voltage for CBK car wash machines is three-phase 380V, 50Hz, or single-phase 220V.

If the buyer's local voltage differs, we can customize the machine's voltage.



CUSTOMIZATION

One-Key Emptying

Function Description: Through program control, compressed air is used to drain water, foam, and other liquids from the pipes to ensure normal operation in winter.
It can be set to automatic or manual mode and can also be remotely started via PLC system integration.
Draining itself is the core means of antifreeze protection. After the liquid in the pipes is drained, there is no risk of residual water freezing.
Customer Scenario: Areas where winter temperatures drop below 0℃.



WATER SYSTEM

Soften water system

This water softener is designed specifically for car wash scenarios. It effectively removes calcium and magnesium ions from the water through ion exchange resin, significantly reducing the hardness of the incoming water and preventing water stains on the car body, scale buildup in pipes, and nozzle blockage from the source. a

Technical Parameters:
Water Production: 1 ton/hour
Filtration Speed: 20–30 m/hour
Design Pressure: ≤0.7 MPa
Operating Pressure: 0.2–0.4 MPa
Installation Method: Flat on the ground
Inlet Water Hardness: ≤8 mmol/L
Outlet Water Hardness: ≤0.03 mmol/L
Water Tank Connection Size: 2.5–8 NPSM
Power Supply Voltage: 220V / 50Hz
Power Consumption: 10 W
Resin Tank Dimensions: Φ200 × 1100 mm
Resin Tank Thickness: 11 mm
Resin Tank Lining: Food Grade
Test Pressure: 0.8 MPa
Installation Dimensions: 1.1 × 0.6 × 1.7 m
Equipment Weight: 65 kg



WATER SYSTEM

Water reverse osmosis system

1 тон: 3800USD
1.5 тон: 4600USD
2 тон:5200USD



Reverse Osmosis System (1000 L/h)
Production Capacity: 1000 L/h
Power: 2.3 kW
Power Supply: AC 380V 50Hz
Reverse Osmosis (RO) Membrane: 4 units, Dow Chemical (USA)
Raw Water Pump: 0.75 kW
Security Filter: 20 inches × 5 microns, 3 cores
High-Pressure Pump: 1.5 kW
Activated Carbon: 50 kg
Quartz Sand: 150 kg
Resin: 75 liters
Filter Tank: Φ300 × 1400 mm
Desalination Rate: >98%
Ion Removal Rate: 99.99%
Recovery Rate: 55–75%
Control System: PLC Control
Certification: SGS
Main Unit Dimensions (mm): 1900 × 700 × 1700

This equipment effectively removes over 99% of dissolved solids, bacteria, and organic matter from water through multi-stage pretreatment and reverse osmosis membrane filtration, resulting in pure and stable effluent. When applied in car wash scenarios, it can effectively prevent water stains on the car body and improve the quality of car washing.

WATER SYSTEM

Water Recycling system

Adopted advanced European water treatment technology, senior super powerful filter material and original Italian pressure sensor,Intelligent Working p-rocedures. The water can be recycled for 10-15 times, save 90% of water. Greatly reduce water consumption and wastewater discharge.

2Ton

Water recycling capacity：2m³/h
Power consumption: 370W+ （250W）

4Ton

Water recycling capacity：4m³/h
Power consumption: 550W+ （350W）

2 тон: 3500USD
4 тон: 5200USD



INSIDE CARWASH DEVICES

Automatic mat cleaner

Dry Bubble Spray Technology: Efficient dust removal with low moisture content, ready for immediate use after cleaning.
Dual-Mode Cleaning: Supports water washing and foam washing, realizing multi-function in one machine.
Fast & Efficient Cleaning: Only 20 seconds per cleaning cycle, delivering exceptional efficiency.
Large Carpet Compatibility: Suitable for carpets up to 60cm in size, covering thinckness 0-3cm.

Energy-Saving & Stable: 220V standard power supply, 300W power, with stable and durable body.

1300USD



Custom Configuration Manual

Mats Quick Dryer

Physical Centrifugal Drying: Adopts physical centrifugal technology for professional and efficient drying of car floor mats.
Stable & Durable Operation: Runs smoothly and reliably, equipped with timer and automatic shutdown device.
High-Grade & Stylish Appearance: Frosted matte surface with premium texture and outstanding appearance.
Sturdy & Solid Body: Stretch-formed top cover with rib reinforcement technology, delivering high rigidity and enhanced durability.
Commercial Scene Adaptability: Optional 220V/380V dual voltage, 13-20KG load capacity, stable and practical.

738USD



INSIDE CARWASH DEVICES

Vacuum cleaner

308USD

Super Strong Wet & Dry Suction: 2000W high power, 250mbar vacuum degree, adaptable to diverse cleaning scenarios.
Powerful Low-Noise Motor: Stable and sufficient power, low running noise, balancing cleaning efficiency and using experience.
Large-Capacity Stainless Steel Tank: 70L large-capacity stainless steel tank, sturdy and durable for long-time continuous operation.
Large-Wheel Stable Chassis Design: Newly designed large-wheel chassis, easy to move, stable and aesthetically pleasing.
Complete Accessories & Wide Adaptability: Full set of cleaning accessories as standard, 220-240V wide voltage, suitable for both commercial and household use.



INSIDE CARWASH DEVICES

Munt Vacuum cleaner

Multi-currency coin recognition system supports Euro and USD, suitable for global use.
3500W high power with 106L/s large air flow, providing strong and efficient cleaning suction.
70L large-capacity dust collection tank, reducing frequent disposal and improving continuous working ability.
IPX3 waterproof and dustproof grade, safe and durable for outdoor and public environment use.
Compact body size and reasonable structure, easy to install and place in various service scenarios.

1400USD



AIR PUMP

Air pump 90L

620USD



Powerful triple-motor drive with 980W×3 high-power output, delivering strong and stable power for continuous heavy-duty operation.
Ultra-large 90L air tank ensures stable air pressure and long-lasting continuous air supply, effectively reducing frequent startup.
High flow rate of 580L/min provides fast inflation and efficient air supply, greatly improving work efficiency.
Standard working pressure up to 0.8Mpa meets high-demand pneumatic tools and various industrial applications.
Compact body size of 100x35x73cm saves space, with reasonable structure and easy installation and placement.

AIR PUMP

Air pump 160L

860USD



Quadruple 980W×4 high-efficiency motors provide strong and stable power output, supporting long-term heavy-duty continuous operation.
Large 160L air tank maintains stable pressure, reduces frequent starts, and ensures consistent and reliable air supply.
720L/min large displacement delivers fast air output, greatly improving work efficiency for car washing and pneumatic equipment.
Standard working pressure of 0.8Mpa meets various high-demand industrial and automotive after-market applications.
Compact body size of 120x41x75cm ensures rational layout, space-saving installation and strong adaptability to workshops.

CARWASH CHEMICAL

Car cleaner

bucket(18L)

One Bucket is estimated to wash 180 times

With super-comprehensive decontamination ability, it can quickly penetrate, decompose and soften the dirt.



Concentrated car wash foam

bucket(18L)

One Bucket is estimated to wash 400 times

Excellent decontamination ability, can quickly remove dirt from the surface of the car.



Car Wash and Wax

bucket(18L)

One Bucket is estimated to wash 400 times

It can quickly remove 80% of the water of the car body after washing to enhance the gloss of the paint.



CAR WASH BAR

Automatic Garage Door

Intelligent Automatic Opening & Closing: Automatically opens and closes upon vehicle detection, improving work efficiency and optimizing working environment.
Durable & Easy-to-Maintain Structure: Reinforced rib design, allowing single-piece base fabric replacement, with high wind resistance and deformation resistance.
High-Strength Sturdy Door Frame: Galvanized steel sheet with electrostatic spraying and baking finish, featuring sufficient thickness, great corrosion resistance and far higher strength than ordinary color steel plates.
Extra Large Load-Bearing Beam: 6-inch thickened beam with high rigidity, no deformation or tilting, ensuring stable and reliable long-term use.
High-End Servo Control System: Equipped with servo motor and adjustable-speed controller, featuring fast lifting, long service life and precise stable control.

1905USD



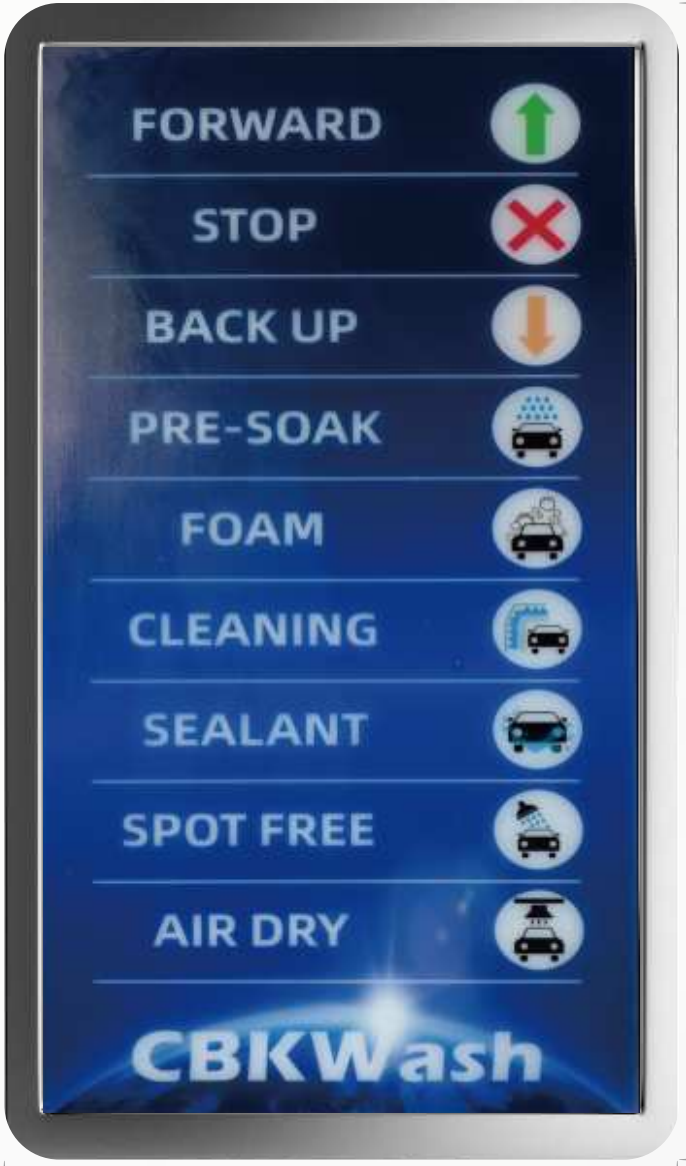
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The cold-resistant door is equipped with counterweights and tension springs on both sides of the doorposts, achieving a wind resistance rating of level 12. Additionally, sealing strips are installed on both sides of the door, resulting in better heat insulation than ordinary products, raising the temperature by 6-8℃.

2605USD





Washing Process Board

Dimensions: 800*400*mm (80mm thickness)
Material: 304 stainless steel casing + plastic panel + light strip
Displayable Information: Vehicle parking guidance (forward/backward/park); current car wash step.
Customization: Language/appearance color design.

375USD

Provides real-time parking guidance and wash step updates during the car wash process.
Language can be customized for different regions.

317USD

CAR WASH BAR

Barrier

Core Selling Points (English Version)

635USD

1. Classic design with premium texture
2. Sturdy structure and long service life
3. Compatible with 6M barrier boom
4. Optional light bar and anti-collision strip available

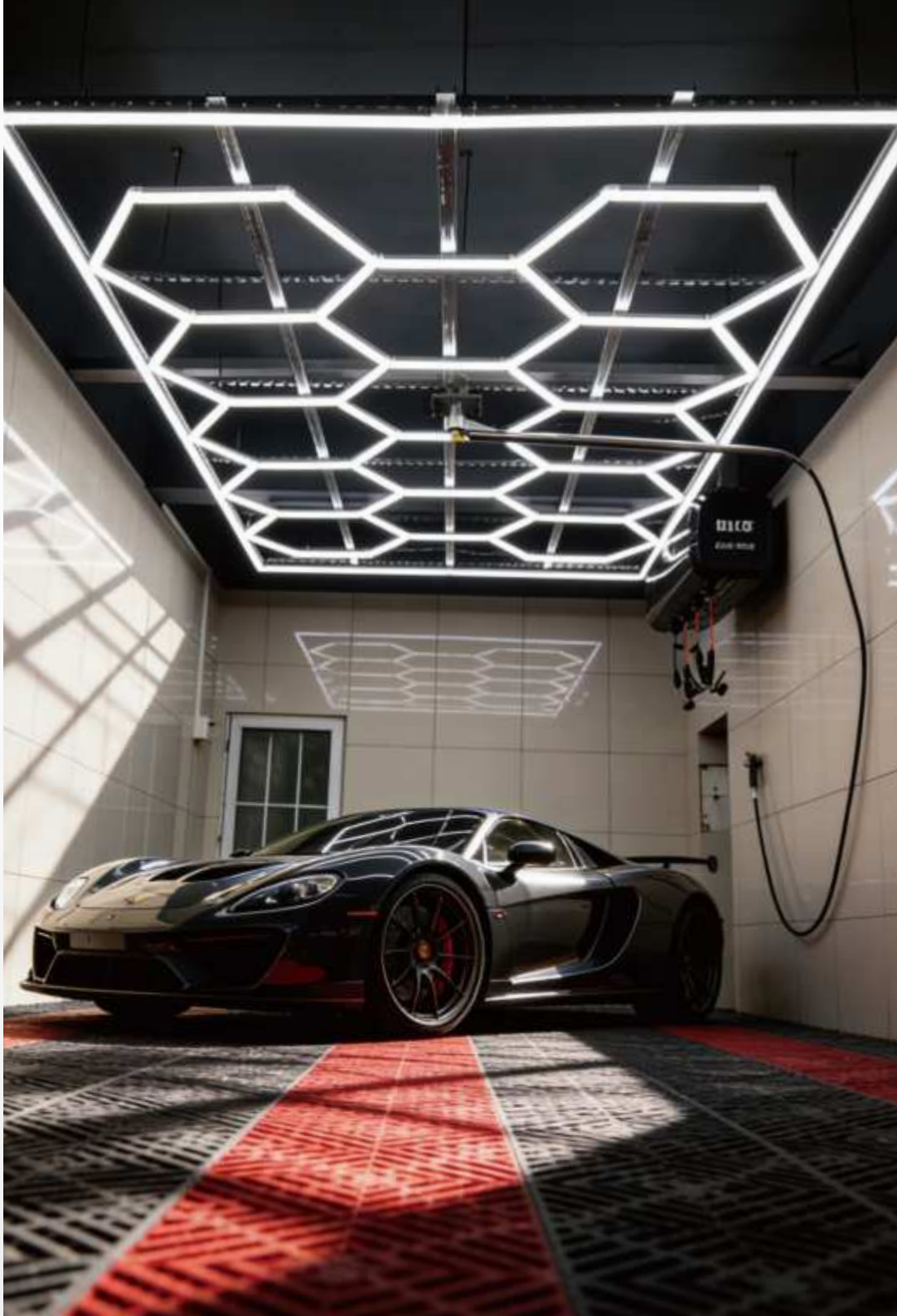


CAR WASH BAR

Ceiling Light

High-Fidelity Professional Color Rendering: Average color rendering index >90, accurately restoring true colors, perfect for precise workstation operations.
High-Brightness & High-Efficiency Output: 110-120lm/W high luminous efficacy with 534W high power, providing strong and excellent lighting effect.
Extra-Large Full-Coverage Size: 2433*4840mm over-sized size, delivering all-round dead-angle-free uni-form lighting for workstations.
Universal Mains Power Adaptation: AC220V standard voltage, no special circuit modification needed, easy to install and use.
Comfortable Professional White Light: 5500-6000K pure white light, soft and non-glare, customizable options available upon request.

2500USD

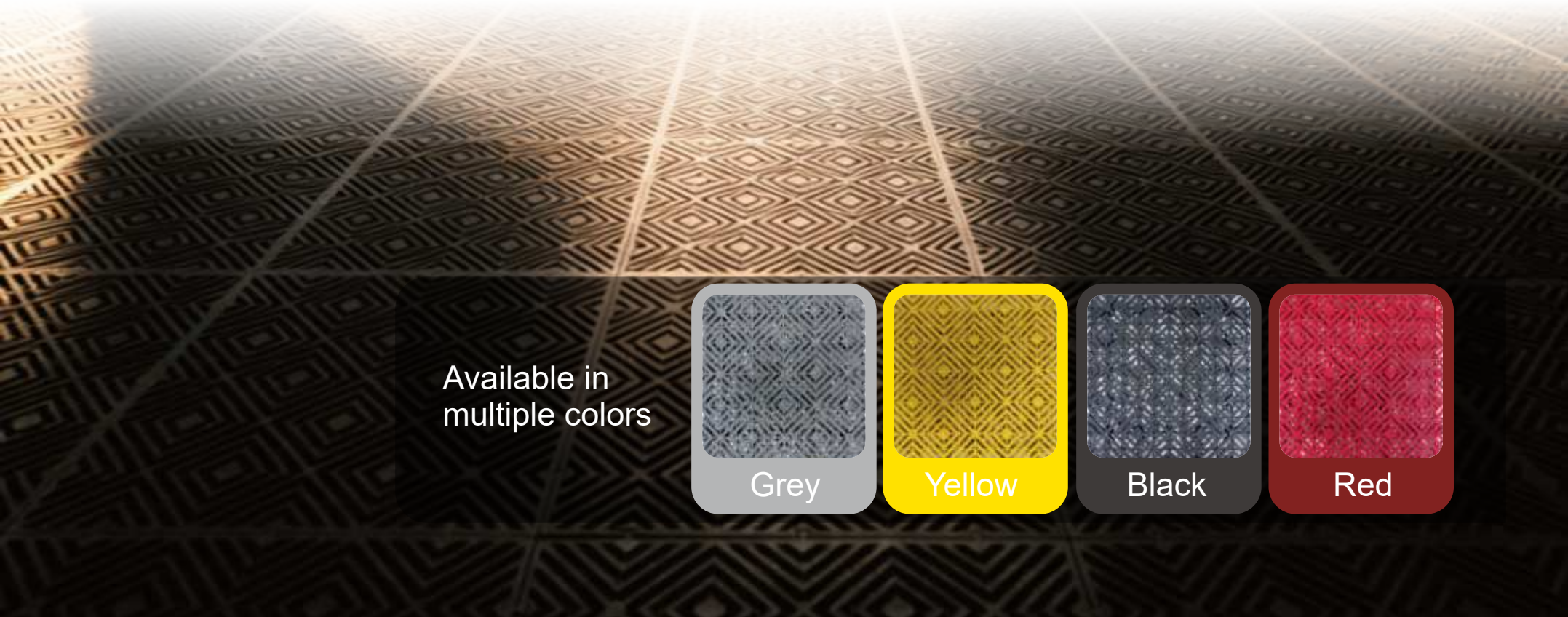


CAR WASH BAR

Ground Grill

16USD / m²

1. Heavy-duty 4.0mm thickened structure, high strength and strong load-bearing capacity
2. Effectively filters sediment, sewage and debris, keeping the work area clean and tidy
3. Anti-slip surface design ensures safe and stable operation
4. Corrosion resistant, durable and easy to clean and maintain
5. Ideal optional accessory for washing bays, workshops and maintenance stations



Pipeline extension

ACCESSORIES

Accessories Description: Includes all cables and hoses for delivering water and chemicals (i.e., power cord, signal cable, water hose, foam hose, chemical hose, etc.).
Usage Scenarios: The customer's site control room is far from the car wash bay. In this case, a maximum of 7m of cable can be added. For an accurate assessment, please contact the project consultant/project engineer.






Tool box

The toolbox contains the basic tools required for installing the car wash machine. For a complete list of tools and their specifications, please contact the project consultant/project engineer.













PAYMENT DEVICE

Payment Machine

2500USD

A dedicated payment control terminal designed specifically for CBK car wash machines, enabling the independent construction of a car wash station control system.

Standard Configuration:
Standard configuration includes a 10.1-inch LED touchscreen, supporting customizable screen display text, panel design, and brand logo;
Durable stainless steel casing;
Integrated with a Nayax-enabled bank card reader for secure and compliant credit/bank card payments;
Built-in remote management system for comprehensive control of the entire CBK car wash process.



The 22 inch LED touch screen

Customize the screen display text

Design the panel and LOGO

The stainless stell cases





WASH SHOP HOUSE

Car Wash House

ITEM	DETAIL
High Safety Protection	Class 9 earthquake resistance, Class 12 wind resistance, Class A fireproofing, Grade I water-proofing for reliable all-round protection
Excellent Thermal & Sound Insulation	50mm wall panels + 75mm glass wool insulation layer, double-layer tempered insulating glass
Easy & Convenient Installation	Installed with screws and drilling without welding, enabling fast and simple construction
Long Service Life	Service life ≥15 years, supported by 1-year warranty plus lifetime maintenance
Standardized Integrated Design	Regular dimensions for washing room and control room, with compact and stable overall structure







COLOR CHOICE




CBKWash
Let the World Embrace
Densen Manufacturing



LIAONING CBK CARWASH SOLUTIONS CO., LTD