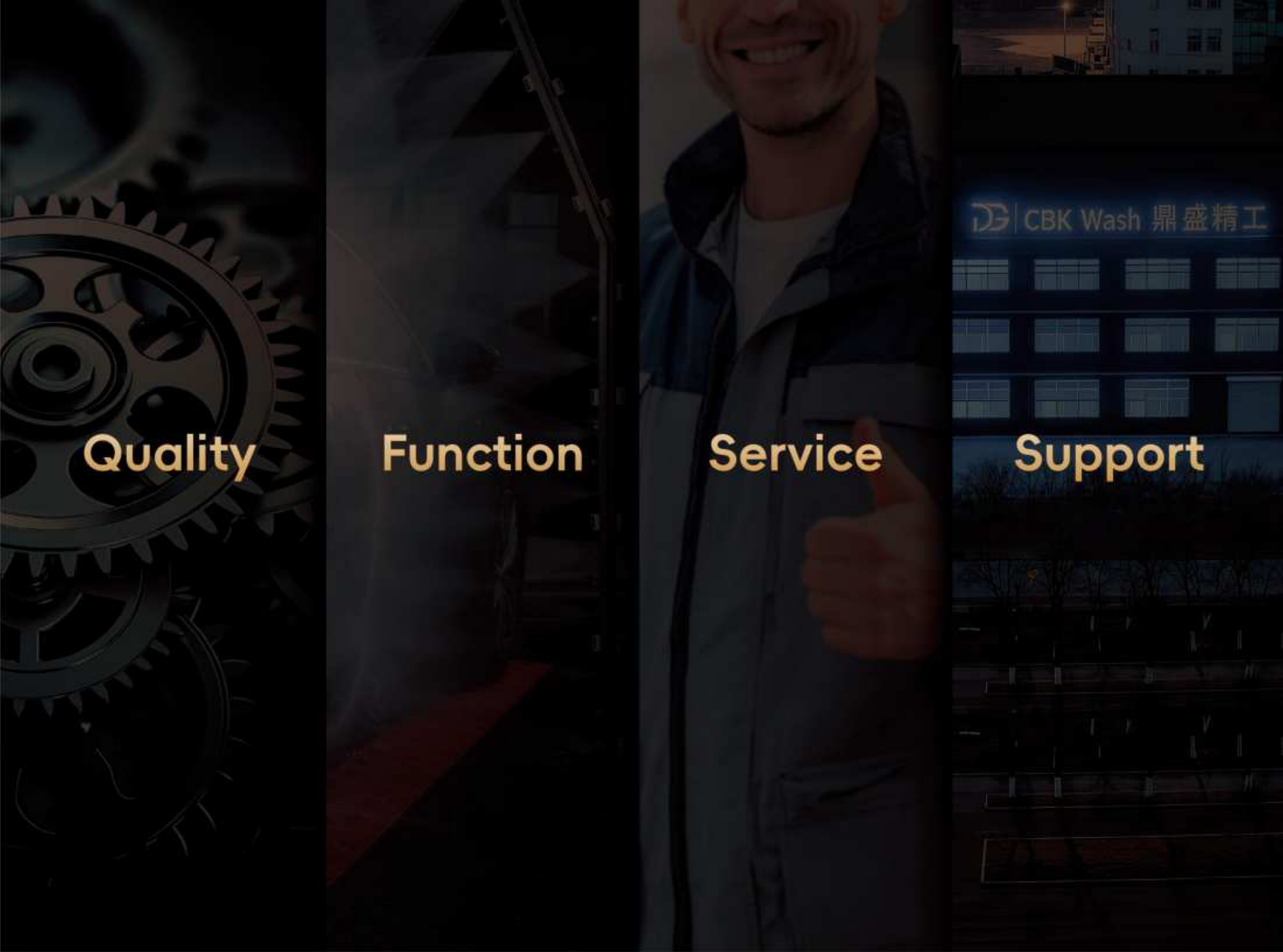
CBK Wash

3-YEAR WHOLE MACHINE WARRANTY; 15-YEAR STABLE OPERATION
LIFETIME MAINTENANCE & SERVICING



CBK Wash


CBK Wash 鼎盛精工
Quality
Function
Service
Support

15 years of stable operation

CBK – The Most Popular Car Wash Machine Brand Among Partners

As Your Reliable Partner, We Provide Continuous Service.



Densen Group

Founded In **1992** | **33 years of heavy** industry experience

With 15 years of stable operation, 100% of our products are exported overseas, we have authorized more than 200 distributors, and our products are selling well in over 60 countries.





Quality Service

3 *years* whole machine warranty

15 *years* of stable operation

Lifetime after-sales service

With two global spare parts centers, we provide localized after-sales service; our overseas installation teams ensure localized installation services.

Freely combinable
For more thorough cleaning



9-step

Powerful cleaning mode

Standard Mode

Chassis & Hub Cleaning

Pre-Soak

Normal Foam

Magic Foam

High-Pressure Water

Low Pressure Water

Water Wax

Soft Water

High pressure drying & Low pressure drying

2 optional

Enhanced cleaning modes

Optional Enhanced Modes

Lava Foam

Pneumatic movable side blower

Modular cleaning mode

Simple and easy to operate.
Customers can set independently according to local market conditions.



① Chassis & Hub Cleaning
(Standard Mode)

② Pre-Soak
(Standard Mode)

③ Normal Foam &
Magic Foam



④ High-Pressure Water
(Standard Mode)

⑤ Water Wax
(Standard Mode)

⑥ Soft Water
(Optional Enhanced Modes)

⑦ Powerful Air Drying
(Standard Mode)


Chassis & Hub Cleaning
(Standard Mode)
8 MPa ultra-high water pressure
High-strength water pressure removes stubborn stains



Magic Foam

(Standard Mode)

Automatic proportioning of car wash liquid,
with vehicle profile scanning technology,
evenly sprayed and covering the vehicle body.



High-Pressure Water

(Standard Mode)

10 MPa high-pressure rinsing

Rotary Arm Following technology, intelligent vehicle tracking



Magic Foam
(Standard Mode)

1.Automatic proportioning of car wash liquid, evenly sprayed and covering the vehicle body.
2.With vehicle profile scanning technology, it can also cover hidden and shielded areas such as rearview mirrors.



Water Wax
(Standard Mode)

1.After drying, the water wax protects the car paint from acidic stains.
2.Water Collection Function.



Powerful Air Drying
(Standard Mode)

1.Equipped with 4 built-in 5.5 KW air blowers as standard efficiently drying the vehicle body without water marks.



Pre soak
(Standard Mode)

1.Powerful penetration to decompose contaminants; good vertical cling film for stable dwell reaction.
2.Brush-free cleaning, eliminates paint scratch risk caused by friction.
3.Easy rinsing & low residue, reduces water spots; compatible with water recycling systems.
4.Multi-surface use: paintwork, glass, tires and wheel rims.



Precision:

3Pairs of Photoelectric Sensors

3Pcs Ultrasonic Sensors

AI fusion algorithm


Moving Arm following technology
Arm fits the vehicle body
Constant: 35cm
High-pressure water & foam spray maintained at
a constant distance of 35 cm.
35cm

Dual-Pipe Separation Technology

Separate operation of water pipe and chemical pipe.Precise control of water/liquid flow with different power maximizing water and car wash liquid savings.Saves more than two-thirds of cleaning chemicals.

Smooth Start-Up Frequency Converter

Allowing the motor to start at zero speed and zero voltage, ensuring smooth acceleration and improved efficiency.

Direct Drive System

The motor and the water pump are connected by a coupling intead of a belt, which can save 10%~15% power.

Single-Car Cleaning Energy Consumption

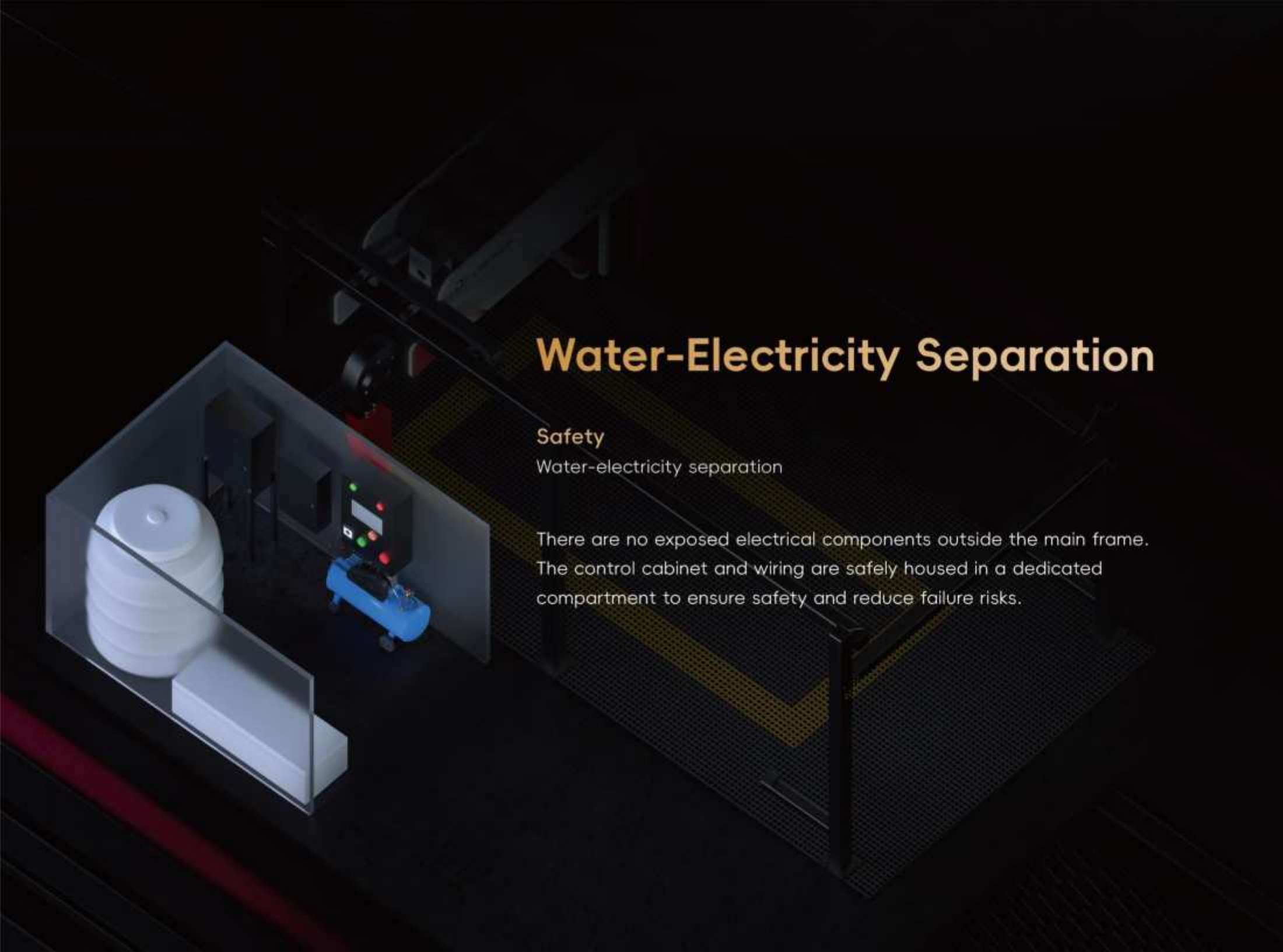
Energy Saving; Water Saving; Eco-Friendly

Water: **120-140L**

Car Wash Liquid: **30-150mL**

Power: **0.8-1.2kW·h**

Actual consumption may fluctuate by no more than 15% due to parctical factors.



Water-Electricity Separation

Safety

Water-electricity separation

There are no exposed electrical components outside the main frame. The control cabinet and wiring are safely housed in a dedicated compartment to ensure safety and reduce failure risks.


Stable Core
Stable power and long service life
Pinfl industrial-grade water pump
Power 18.5kW
Flow rate 112L/min
Extra-long standard service life
20,000hours
Capable of continuous washing of 240,000 vehicles in quick-wash mode
240,000vehicles

Pinfl industrial-grade water pump

Our products adopt PINFL industrial-grade water pump, a top commercial brand.



The 18.5 kW high power stably provides 10 MPa high-pressure water output.
In 5-minute quick-wash mode, it can run continuously for up to 20,000 hours and wash 240,000 vehicles consecutively.
With 45 washes per day, it can operate continuously for 15 years.

(The data is sourced from actual cases of this product.)

Electronic Control System

Electronic Control System

More compact and rational layout planning, industrial-grade wiring practices,multi-level branch protection, full-line reactor protection to avoid harmonic interference to extend equipment life.



- Industrial Layout
- Anti-harmonic Protection

Integrated Dosing System



All-in-one Integrated Design, compact and space-saving, enabling easier management, maintenance and monitoring. Stainless steel cabinet provides protection against dust and moisture, extending service life and preventing the equipment from corrosion caused by water vapor and dust.

Integrated Dosing System assembly is made of full stainless steel, which is more durable than traditional PVC materials.

Precise control, millimeter-level operation

All sensing components of the machine adopt world-top brands to ensure precise operation and long service life.

SENSING COMPONENTS	BRANDS
Sensors	Pepperl+Fuchs Omron
Low-voltage parts	Schneider
Switching power supply	Schneider
Frequency converter	Schneider
Terminals	Phoenix Contact





Heavy-Duty Steel Body

10×10mm
Frame size

3mm
Thickness

8mm
Structural parts thickness

500 A Fortune Global
Steel supplied by

Precision steel structure frame.
Heavy · High-strength · Stable support
Steel supplied by Angang Steel,
leading the industry in quality and thickness.



Galvanized Anti-Corrosion

Double protection process

Galvanizing & Painting **80** *μm*

Effective Anti-Corrosion (without external damage) **10-18** *years*

Car wash machines are exposed to damp and weakly corrosive environments for a long time, and the outer frame steel structure and equipment connection parts are prone to corrosion.

Excellent industrial manufacturing technology and high-quality materials can effectively improve equipment durability.

Industrial Craftsmanship

Electrical Components

- **High-strength materials:** Q235 carbon steel (carbon steel is prone to corrosion), gantry Q345B steel
- **High-performance components:** bearings, anti-collision covers for moisture protection; hoses withstand 300Map pressure
- **Precision & anti-corrosion:** 304 stainless steel screws, 12 cm extended chemical anchors for higher stability
- CNC bending, precise cutting, tolerance ⩽5 mm
- Three-level penetration testing, no cracks, holes or impurities
- Reinforced beam welding, not easy to deform
- Weld strength meets GB/T985 and GB/T 5943 standards
- Vertical and horizontal tolerance less than 2 mm



Service & After-Sales

Pre-Sale

Site Planning

Drawing Design

Business Handbook

In-Sale

Transportation & Logistics (To Customs)

Customs Clearance Assistance

Installation Support

Operation Training

Maintenance Training

Accessories Kit

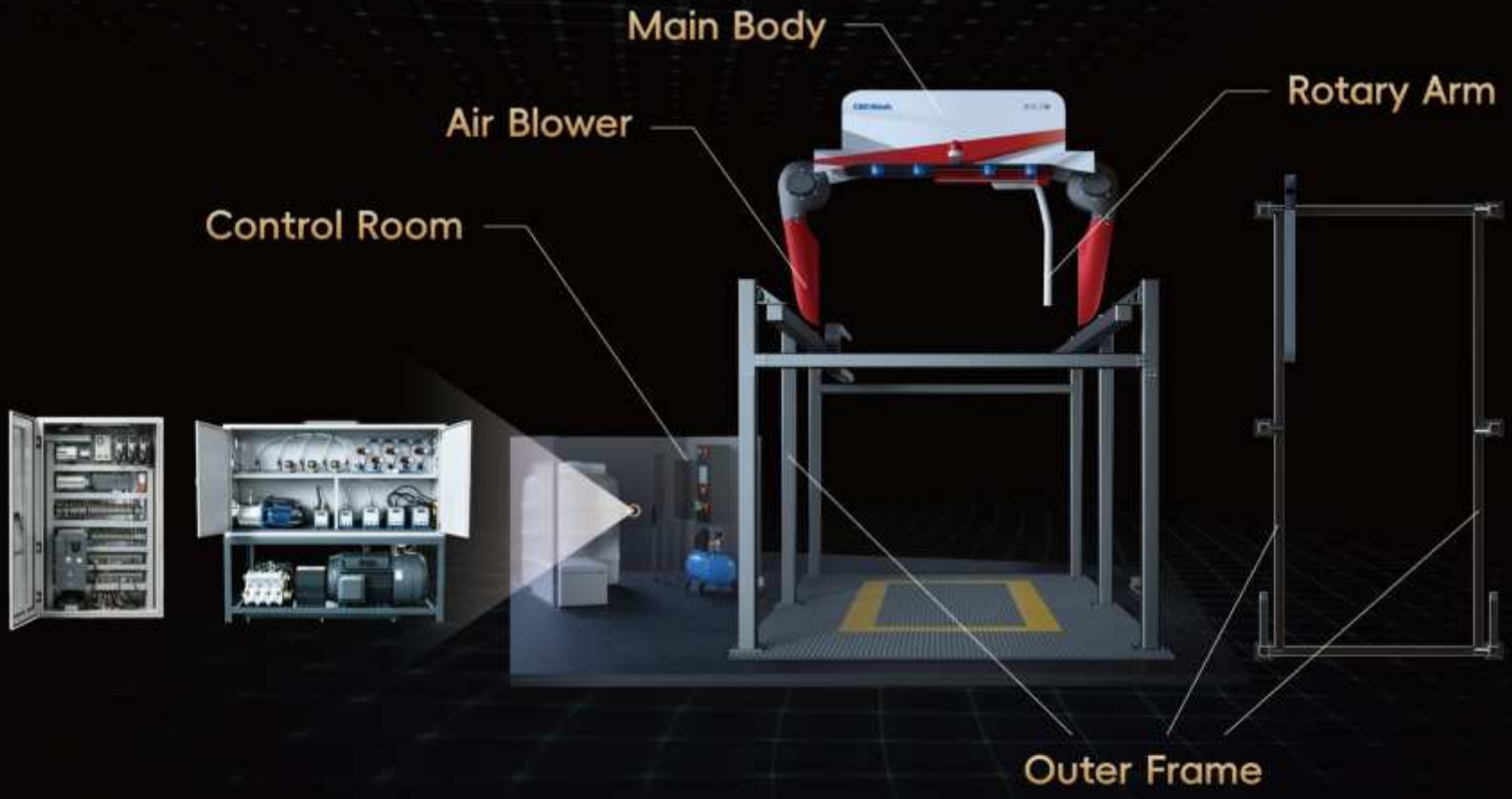
After-Sale

3-year Whole machine warranty

Lifetime Free service, etc

Empowerment Training
Successful Business Sharing

Full Configuration List




50+ Countries, 200+ Agents
CBK has helped more than 200 agents achieve their business success in over 50 countries worldwide.



DG | CBK Wash

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DG | CBK Wash
15 YEARS OF STABLE OPERATION