

KOLON KL-6VF Stainless Steel Rollover Car Wash Machine | Hot Air Blower Drying | 15 Cars/Hour

Basic Information

- Place of Origin: Shanghai, China
- Brand Name: KOLON
- Model Number: KL-6VF
- Minimum Order Quantity: 1 unit



Product Specification

- Material: Stainless Steel
- Drying Method: Hot Air Blower
- Power Requirement: 380v/20.5Kw
- Air Pressure: 2-5 BAR
- Warranty: 1 Year
- Frequency: 50Hz
- Size: Standard
- Machine Size: 3.5m(L)*2.2m(W)*2.9m(H)
- Highlight: **Stainless Steel Rollover Car Wash Machine,
Hot Air Blower Car Wash Machine,
Automatic Touch-Free Car Wash Machine**

Product Overview

The KOLON KL-6VF is a heavy-duty 304 stainless steel rollover car wash machine engineered for high-volume commercial car wash operations, auto dealerships, and fleet management centers. Combining high-pressure water spraying with a hot air blower drying system, it delivers a complete touch-free wash-and-dry cycle that protects vehicle paint while achieving superior cleaning results. Manufactured by Shanghai Kuolong Cleaning Machinery Co., Ltd. — an ISO 9001 certified factory established in 2005 with 50-100 skilled employees, exporting to 15+ countries across Asia, Europe, the Middle East, Africa, and South America.

Key Engineering Highlights

- 304 Stainless Steel Frame:** Corrosion-resistant structure designed for 10+ years of service life in humid wash bay environments
- High-Pressure Spray System:** 2-5 BAR adjustable pressure with precision nozzles for optimal detergent application and rinsing
- Hot Air Blower Drying:** Energy-efficient 380V/20.5kW system — complete vehicle drying in under 120 seconds, eliminating water spots
- Compact Footprint:** 3500mm(L) × 2200mm(W) × 2900mm(H) — installable in a standard single bay without facility modification
- High Throughput:** Up to 15 vehicles per hour (standard wash + dry cycle ~4 min)
- Water Efficiency:** 80-120L per vehicle — approximately 40% less than industry average rollover machines
- PLC Control System:** Programmable Logic Controller with 7-inch color touch-screen interface, supports multiple wash programs
- Safety Features:** Photoelectric sensors, emergency stop button, overload protection on all motors

Technical Specifications

Product Attribute	Specification
Product Model	KL-6VF
Machine Dimensions (L×W×H)	3500mm × 2200mm × 2900mm
Recommended Installation Space	≥ 5000mm × 4000mm (with service clearance)
Frame Material	304 Stainless Steel (corrosion-resistant)
Washing System	High-Pressure Water Spraying (touch-free)
Air Pressure Range	2-5 BAR (adjustable)
Drying Method	Hot Air Blower — forced hot air drying
Power Requirement	380V / 50Hz / 20.5kW (3-phase) Alternative: 220V or 440V / 60Hz available
Water Consumption	80-120 Liters per car (vehicle-size dependent)
Washing Throughput	Up to 15 cars per hour
Control System	PLC with 7-inch color touch screen
Applicable Vehicles	Cars, SUVs, small trucks — max vehicle height: 2.2m

Certifications & Compliance

- The KOLON KL-6VF is manufactured in compliance with international quality and safety standards:
- ISO 9001:2015** — Quality Management System
 - CE Marking** — European Conformity (Machinery Directive 2006/42/EC)
 - RoHS Compliant** — Restriction of Hazardous Substances
 - IP54 Rated** — Electrical components protection against dust and water spray

Ideal Applications

- Independent Car Wash Businesses:** High throughput (15 cars/hour) maximizes revenue per bay
- Gas Station Add-On Services:** Compact footprint fits existing layouts, creates new profit center
- Auto Dealerships:** Keep showroom and service vehicles spotless with minimal labor
- Fleet Maintenance Centers:** Efficiently clean company fleets with consistent quality
- Car Rental Agencies:** Fast turnaround cleaning between rentals

Customization Options

KOLON understands that every car wash business has unique requirements. We offer the following customization options for the KL-6VF:

Voltage & Power: Available in 220V/380V/440V configurations to match local electrical standards

Machine Color: Customizable housing color to match your brand identity (default: KOLON Blue)

Dual Blower Upgrade: Optional dual hot air blowers for faster drying (reduces drying time by ~40%)

Water Recycling System: Optional integrated water reclamation unit (saves up to 85% water)

Payment System Integration: Coin acceptor, card reader, or QR code payment module ready

Brush Type Options: Standard nylon, soft foam, or textile brushes for different vehicle surfaces

IoT Remote Monitoring: Real-time machine status tracking via mobile app

Foam Wax System: Optional add-on for premium wash packages

KL-6VF vs. Industry Average

Feature	KOLON KL-6VF	Industry Average
Frame Material	304 Stainless Steel	Galvanized / Painted Steel
Standard Warranty	3 Years (Major Components)	1-2 Years
Water per Vehicle	80-120 Liters	150-200 Liters
Throughput	15 cars/hour	10-12 cars/hour
Drying Method	Hot Air Blower (active)	Air Dry / Cloth (passive)
Voltage Flexibility	220V / 380V / 440V	380V only
Installation Support	Video + Manual + Optional On-Site	Manual only

Warranty & Return Policy

3-Year Manufacturer Warranty:

Covered (3 Years): All major mechanical components — motors, high-pressure pump, gearboxes, stainless steel framework, and PLC control system — against manufacturing defects.

Covered (1 Year): Electrical components — sensors, touch screen, wiring harness, relays, and power supply units.

Not Covered: Consumable wear parts — brushes, nozzles, belts, water filters (normal wear & tear).

Service Process: Remote diagnosis → spare parts shipped within 48 hours → video-guided replacement OR optional on-site technician dispatch.

Return Policy: 30-day inspection period after delivery acceptance. Returns accepted for verified manufacturing defects (confirmed by KOLON technical team). Full warranty terms provided in the purchase agreement.

Quality Guarantee: Every KL-6VF undergoes a 48-hour continuous run test at our factory before shipping. We provide a test report with your machine.

Customer Testimonials

"Reduced our water bill by 30%" — Ahmed R., Car Wash Owner, Dubai, UAE

"We installed the KL-6VF six months ago at our 3-bay car wash. The hot air drying system is a game changer — our customers love that there are no water spots anymore. Water consumption dropped by about 30% compared to our old machine. Maintenance has been minimal. Highly recommend."

"Best investment for our dealership" — Marco L., Fleet Manager, Milan, Italy

"We handle 50+ vehicles daily at our dealership. The KL-6VF handles this volume effortlessly. The stainless steel construction still looks brand new after a year of heavy use. KOLON's support team was responsive during installation — we completed setup in 3 days with their remote guidance."

"Perfect for our gas station" — Carlos M., Gas Station Owner, São Paulo, Brazil

"Added the KL-6VF to our gas station and it paid for itself in 8 months. The compact footprint fits perfectly in our limited space — no structural changes needed. Setup was straightforward and the touch screen interface is very intuitive for our staff."

Packing & Shipping

Package Includes:

1 × KL-6VF Rollover Car Wash Machine (partially assembled on steel pallet)

1 × Installation Manual (English)

1 × Maintenance Checklist

1 × Starter Spare Parts Kit (2 sets of nozzles, 1 set of brushes, 1 set of belts, common fuses)

1 × Set of Keys & Basic Tool Kit

Shipping:

Ships within 7-10 business days after order confirmation

20ft container (standard ocean freight, ~25-35 days to major ports)

Free shipping to US addresses (port-to-port)

International shipping available worldwide at additional cost

All export documentation provided (commercial invoice, packing list, certificate of origin)

Technical Support & Services

The KL-6VF comes with comprehensive technical support to ensure optimal performance:

Installation: 2-3 day setup with remote video guidance. Optional on-site installation by 2 KOLON technicians (3-5 days, additional cost)

Training: Printed manual + video training course + live video call training session upon installation

Maintenance Support: 48-hour spare parts dispatch (DHL/FedEx), lifetime technical support

Maintenance Schedule: Daily: check filters & nozzles. Weekly: lubricate & check belts. Monthly: inspect electrics & deep clean

Frequently Asked Questions

Q: What type of foundation is required for installation?

A: A level concrete foundation with a minimum thickness of 150mm and compressive strength \geq C25 is recommended. The installation area should be \geq 5000mm \times 4000mm with proper drainage slope (\geq 2% gradient). Pre-installation site assessment guidance is available.

Q: What are the electrical requirements?

A: Standard: 380V / 50Hz three-phase power, 20.5kW total load. Dedicated 40A circuit breaker with RCD recommended. Alternative: 220V/60Hz or 440V/60Hz configurations available upon request.

Q: How is the machine shipped and installed?

A: Shipped in a 20ft container as a partially assembled unit (~2,200 kg shipping weight). Installation takes 2-3 days with remote video guidance. Optional on-site installation service available.

Q: What maintenance is required?

A: Daily: Check water filters, clean spray nozzles. Weekly: Lubricate moving parts, check belt tension. Monthly: Inspect electrical connections, test emergency stop, deep clean water tank. A detailed maintenance manual with checklist is included.

Q: What spare parts are included?

A: A starter spare parts kit is included: 2 sets of spray nozzles, 1 set of brushes, 1 set of drive belts, common electrical fuses, and O-ring seals. Additional parts available for express worldwide shipping.

Q: Is training provided?

A: Yes. (1) Printed operation manual in English, (2) Video training course, (3) Live video call training session with a KOLON technician upon installation. Additional on-site training can be arranged.

Q: What vehicles can the KL-6VF wash?

A: Cars, SUVs, minivans, and small trucks with maximum dimensions of 5.5m(L) \times 2.2m(W) \times 2.2m(H). Not designed for buses, heavy trucks, or vehicles with external attachments exceeding these dimensions.

Q: Where is the machine manufactured?

A: The KL-6VF is manufactured by KOLON (Shanghai Kuolong Cleaning Machinery Co., Ltd.) in Shanghai, China — an ISO 9001 certified factory established in 2005.

Q: What is the warranty coverage?

A: 3 years on major mechanical components (motors, pumps, gearboxes, frame, PLC). 1 year on electrical components (sensors, touch screen, wiring). Consumable wear parts (brushes, nozzles, belts, filters) are not covered under warranty.



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