BUYER CHECKLIST / 2026

Commercial Car Wash Equipment List

A practical checklist for comparing automatic car wash quotations, coordinating site utilities and defining the complete project scope.

Use this list to mark what is included by the machine supplier, what must be provided locally and what still needs confirmation. A complete project is more than the wash frame alone.

This document is a planning aid, not a model specification or quotation. Confirm the final supply list, drawings, utilities and responsibilities for the selected equipment before civil work or purchase.

1. Core automatic wash equipment

Start by confirming the machine family and the exact wash process. Do not compare two quotations until their included stages and hardware are aligned.

Equipment area	Confirm before ordering	Responsibility / status
Automatic wash unit	Touchless in-bay, rollover brush, tunnel conveyor or specialty system; model and revision.	[ ] Supplier [ ] Buyer [ ] Local contractor [ ] Not required
Main frame and rails	Frame, gantry or conveyor sections; rail length; fasteners; anchors; protective finishes.	[ ] Supplier [ ] Buyer [ ] Local contractor [ ] Not required
High-pressure system	Pump set, motor, manifolds, hoses, rotating or contour-following spray components and pressure controls.	[ ] Supplier [ ] Buyer [ ] Local contractor [ ] Not required
Vehicle detection	Entry detection, profiling or positioning sensors, travel limits, safety stops and anti-collision functions.	[ ] Supplier [ ] Buyer [ ] Local contractor [ ] Not required
Brush package	Where applicable: roof, side, wheel or contour brushes; brush material; motors; care requirements.	[ ] Supplier [ ] Buyer [ ] Local contractor [ ] Not required
Wash programs	Available and configurable stages, cycle logic, expected operating sequence and operator access.	[ ] Supplier [ ] Buyer [ ] Local contractor [ ] Not required

Questions for the supplier

[ ] Which exact model and configuration is quoted?
[ ] Which wash stages are standard, optional or excluded?
[ ] Are installation drawings and utility connection points supplied before site work?
[ ] Which vehicle dimensions and clearances apply to this configuration?

2. Chemicals, rinse and drying

Chemical and drying packages can change both wash performance and project utilities. Confirm the complete fluid path rather than relying on a short feature list.

Equipment area	Confirm before ordering	Responsibility / status
Chemical dosing	Dosing pumps, tanks or suction lines, chemical channels, concentration controls and compatible products.	[ ] Supplier [ ] Buyer [ ] Local contractor [ ] Not required
Foam application	Foam stage, arch or spray arrangement; required air supply; visual foam option if applicable.	[ ] Supplier [ ] Buyer [ ] Local contractor [ ] Not required
Rinse and finish	Main rinse, wax or protective finish, final-rinse arrangement and required water quality.	[ ] Supplier [ ] Buyer [ ] Local contractor [ ] Not required
Drying system	Number and rating of blowers, fixed or contour-following nozzles, ducting and mounting hardware.	[ ] Supplier [ ] Buyer [ ] Local contractor [ ] Not required
Compressed air	Whether the process requires an air compressor, dryer, receiver, filters, regulators and piping.	[ ] Supplier [ ] Buyer [ ] Local contractor [ ] Not required

Do not assume

[ ] Reverse osmosis or spot-free rinse is included.
[ ] Chemicals are included with the shipment or available locally.
[ ] The quoted drying package matches the site voltage and target cycle.
[ ] Water tanks, air compressor and interconnecting pipes are included.

3. Controls, safety and customer access

Controls must match the planned operating model. Unattended operation requires more than adding a payment terminal.

Equipment area	Confirm before ordering	Responsibility / status
Main control	PLC, HMI or controller; electrical cabinet; operating languages; program access and fault display.	[ ] Supplier [ ] Buyer [ ] Local contractor [ ] Not required
Safety devices	Emergency stops, photoelectric or proximity sensors, travel limits, alarms, protective barriers and signage.	[ ] Supplier [ ] Buyer [ ] Local contractor [ ] Not required
Position guidance	Traffic lights, display, wheel guides, stop signal or other confirmed vehicle-positioning equipment.	[ ] Supplier [ ] Buyer [ ] Local contractor [ ] Not required
Entry / payment	Compatible start terminal, code, card, RFID or local payment integration only when documented in scope.	[ ] Supplier [ ] Buyer [ ] Local contractor [ ] Not required
Remote support	Network connection, remote diagnostic method, account ownership and local data or cybersecurity requirements.	[ ] Supplier [ ] Buyer [ ] Local contractor [ ] Not required

Unattended-operation review

[ ] Define who inspects the bay, refills chemicals and responds to alarms every day.
[ ] Confirm emergency release, shutdown and customer-contact procedures.
[ ] Confirm the local payment provider and integration responsibility before ordering.
[ ] Plan lighting, CCTV and site security separately if they are not in the machine supply.

4. Site utilities and water management

The buyer, local contractor and equipment supplier should agree connection data before foundations, trenches and utility routes are built.

Equipment area	Confirm before ordering	Responsibility / status
Electrical infrastructure	Incoming capacity, transformer if required, distribution, protection, cable sizing, grounding and isolation.	[ ] Supplier [ ] Buyer [ ] Local contractor [ ] Not required
Water supply	Source, pressure, flow, storage volume, booster pumping, pipe sizes, filtration and water-quality testing.	[ ] Supplier [ ] Buyer [ ] Local contractor [ ] Not required
Drainage	Floor slope, trench or pit, sediment separation, oil control where required and discharge connection.	[ ] Supplier [ ] Buyer [ ] Local contractor [ ] Not required
Water recycling	Collection, settling, filtration, treatment, storage, odor control and which wash stages may use reclaimed water.	[ ] Supplier [ ] Buyer [ ] Local contractor [ ] Not required
Final-rinse water	Confirm whether softened, filtered, demineralized or reverse-osmosis water is required for the selected process.	[ ] Supplier [ ] Buyer [ ] Local contractor [ ] Not required
Climate protection	Freeze protection, heating, insulation, ventilation, equipment-room conditions and local weather exposure.	[ ] Supplier [ ] Buyer [ ] Local contractor [ ] Not required

Evidence to collect

[ ] Dimensioned site plan and current photographs.
[ ] Utility data: voltage, frequency, phase, capacity, water pressure and available flow.
[ ] Local wastewater, recycling and discharge requirements.
[ ] Civil or foundation drawings approved for the selected model.

5. Delivery, installation and lifetime support

A reliable comparison separates equipment supply from delivery, local works, installation, commissioning and ongoing service.

Equipment area	Confirm before ordering	Responsibility / status
Packing and shipment	Packing method, package list, dimensions, weight, Incoterm, destination and unloading responsibility.	[ ] Supplier [ ] Buyer [ ] Local contractor [ ] Not required
Installation scope	Supplier technician, remote guidance or local contractor; travel, tools, lifting equipment and accommodation.	[ ] Supplier [ ] Buyer [ ] Local contractor [ ] Not required
Commissioning	Pre-start checks, utility tests, calibration, trial washes, acceptance record and handover documents.	[ ] Supplier [ ] Buyer [ ] Local contractor [ ] Not required
Training	Operator, maintenance and safety training; language; attendance record; manuals and videos.	[ ] Supplier [ ] Buyer [ ] Local contractor [ ] Not required
Spare parts	Commissioning spares, recommended operating spares, consumables, prices, lead times and reorder process.	[ ] Supplier [ ] Buyer [ ] Local contractor [ ] Not required
After-sales support	Contact route, response process, remote diagnostics, service documentation and local partner responsibilities.	[ ] Supplier [ ] Buyer [ ] Local contractor [ ] Not required

Quotation comparison rule

Compare the same boundary of supply. A lower machine-only price may exclude the compressor, water treatment, electrical work, freight, installation, commissioning or spare parts required to open a working site.

6. Information to send before requesting a quotation

Complete the following brief so the supplier can recommend a suitable configuration rather than guessing from a model name.

[ ] Company, country and project destination
[ ] Business type: petrol station, wash operator, dealership, fleet, parking site, distributor or investor
[ ] Available length, width and clear height
[ ] Entry, exit, turning path and queue arrangement
[ ] Expected vehicles per day and peak hour
[ ] Maximum vehicle length, width and height
[ ] Preferred touchless, rollover or tunnel format - or request a recommendation
[ ] Local voltage, frequency, phase and available electrical capacity
[ ] Water source, pressure, flow, quality, storage, drainage and wastewater constraints
[ ] Staffed or unattended operating plan and any payment / entry integration requirement
[ ] Target opening date and current project stage

Need a model recommendation?

Send your site plan and project brief to sales@yolowash.com or WhatsApp +86 137 9289 0284.

YOLO Car Wash Systems provides international equipment selection and project support. Manufacturing is provided by Shandong Boyou. Final specifications, inclusions and responsibilities are governed by the confirmed quotation and project documents.