



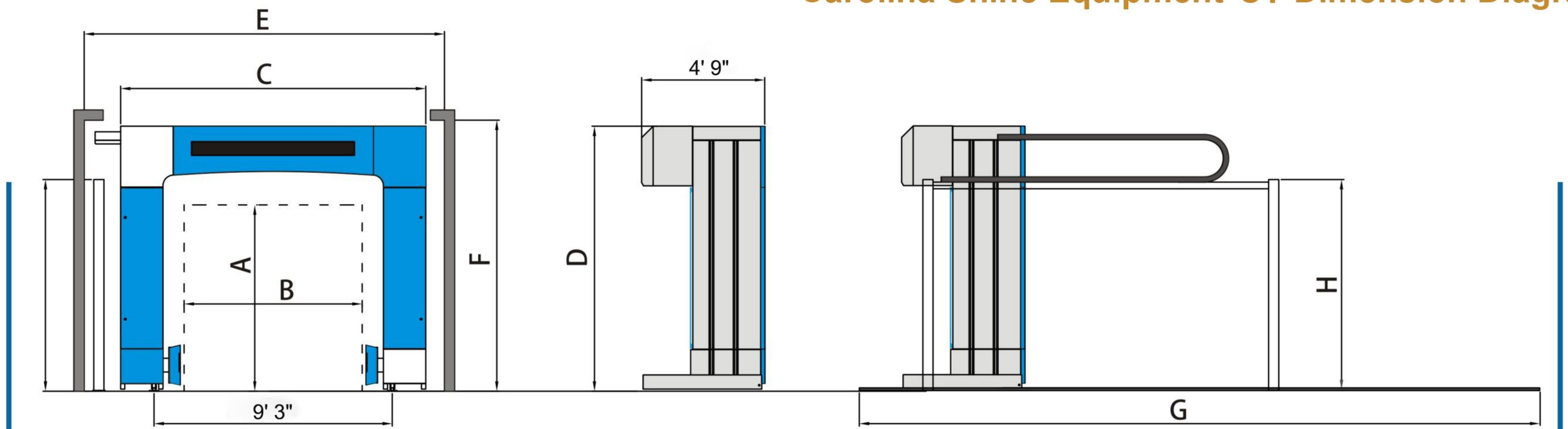
CAROLINA SHINE EQUIPMENT

ET BROCHURE



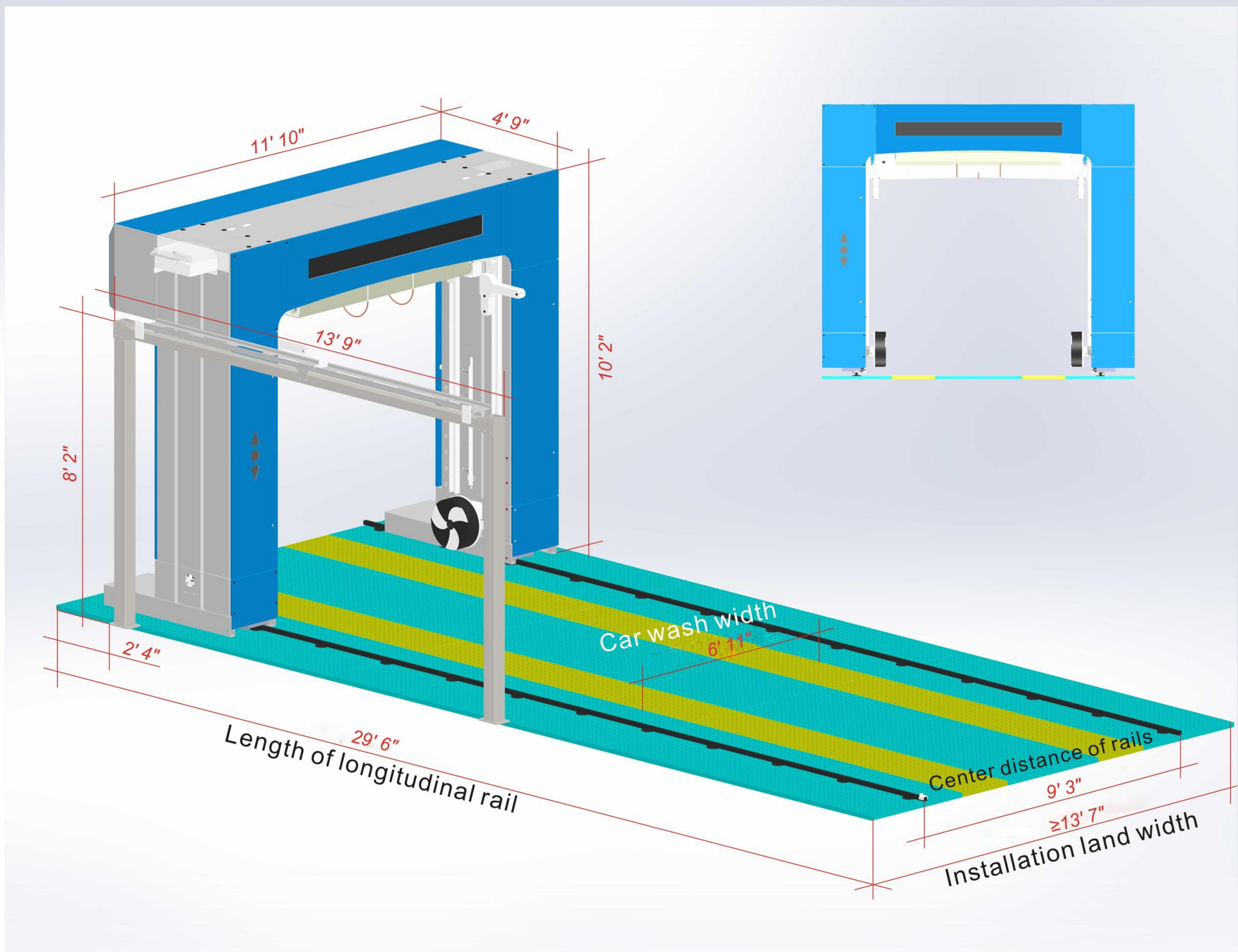
CAROLINA SHINE EQUIPMENT CT HP TOUCHLESS AUTOMATIC CAR WASH EQUIPMENT

Carolina Shine Equipment CT Dimension Diagram



Item	Measurement	Remark	Specification	Shipping volume
A Max car wash height	6' 11"		Main Machine polywood case	11' 10" x 4' 9" x 10' 2"
B Max car wash width	6' 11"		Water Pump polywood case	4' 5" x 3' 0" x 2' 0"
C Machine width	11' 10"		Control box polywood case	1' 6" x 1' 10" x 5' 3"
D Machine height	10' 2"		Towline support	1' 1" x 0' 5" x 13' 9"
E Mounting width	≥ 13' 7"	Installation room min width 13' 3"	Rails	0' 1" x 0' 1" x 29' 6"
F Mounting height	≥ 10' 6"		Accessory	Pipe fittings and other accessories
G Rail mounting length (standard)	≥ 29' 6"			
H Towline mounting height	8' 2"			

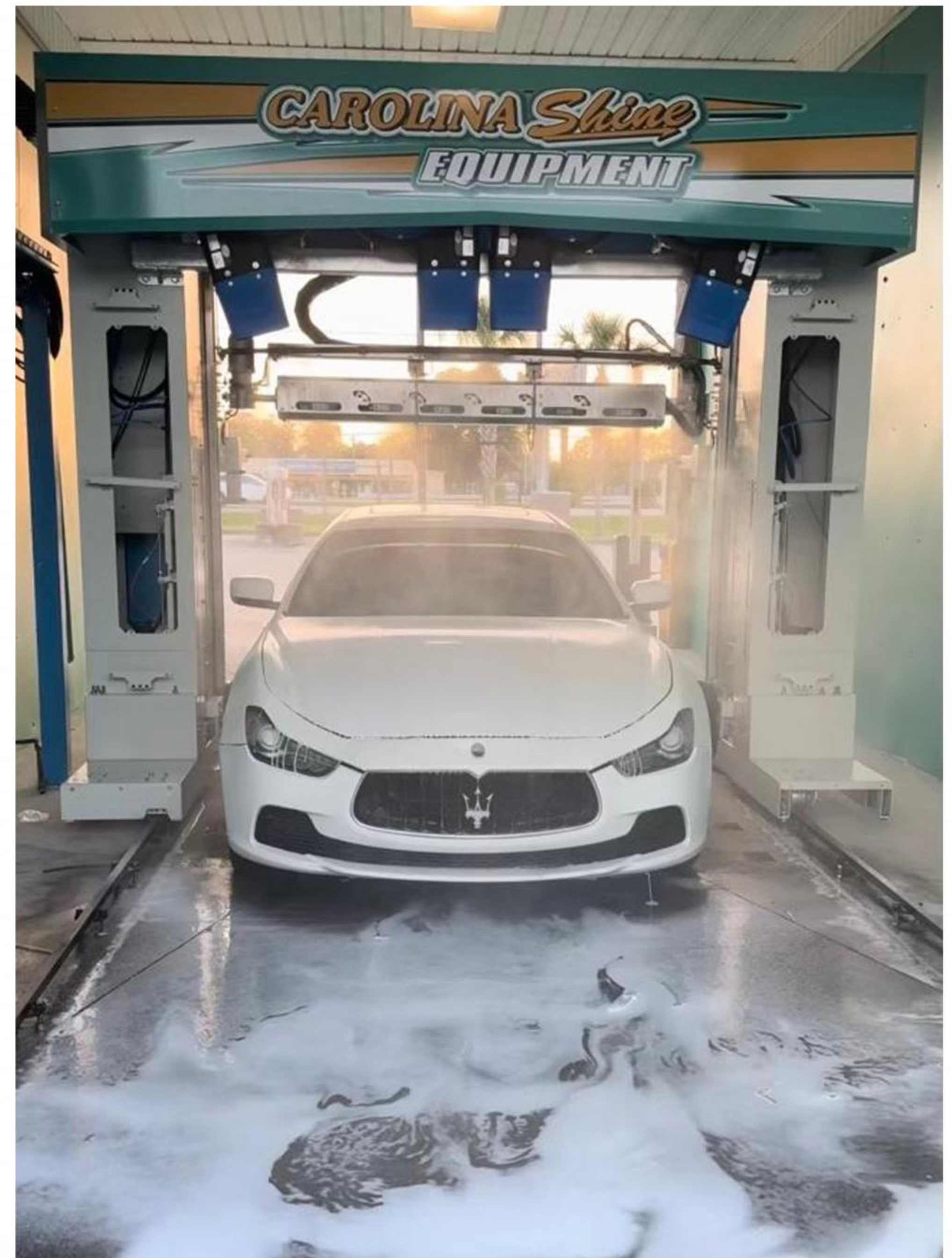
Carolina Shine Equipment CT 3D Drawing





Carolina Shine Equipment CT flow-optimized drying system

Following the carolina shine equipment philosophy there is no great car wash without a great drying system. Carolina shine equipment CT flow-optimized drying system provide contour-following air drying with accurately drying distance at 9.84".



SILENT-drying system can reduce 35% noise and energy consumption

By optimizing the main body of the blower, the air flow loss is effectively reduced, with 21.46 HP of power, the premium dryer for CT ensures that cars are dry and customers are satisfied.

Optional SILENT-drying system can reduce 35% noise and energy consumption, and suit to more application places.



Wheel Clean Bi-directional rotating scrubbing

One of the most difficult areas of vehicles to clean are the wheels, Carolina shine equipment CT takes tire scrubbing to a new level. During the process, each tire receives a chemical application and the wheel receives an intense bi-directional rotational scrubbing, combined with high-pressure water flow. There are multiple cleaning technologies in play to meet even the most demanding consumer needs.

Overglow lava foam Water wax coating

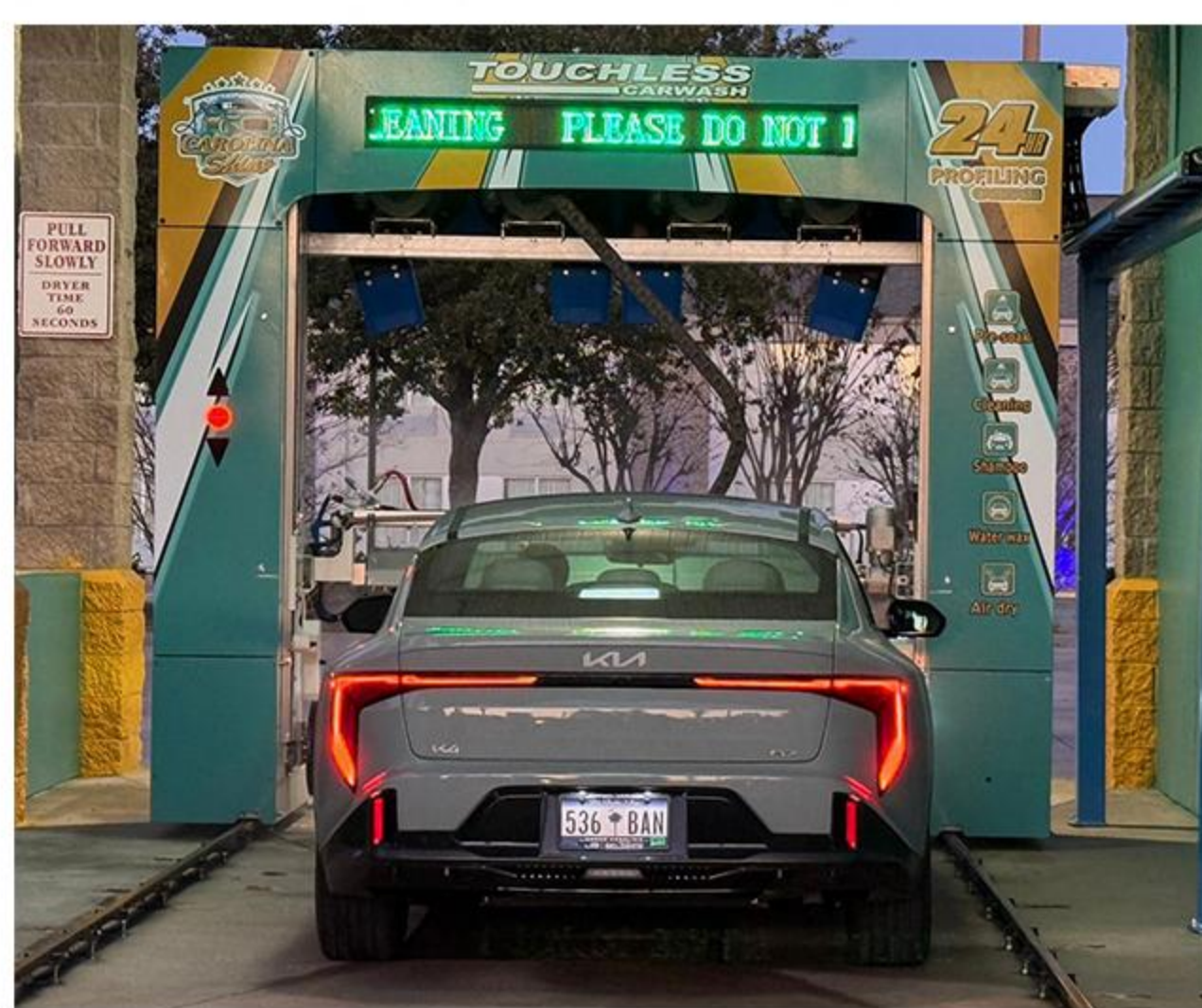
Carolina shine equipment also provide more value-added functions, such as overglow lava foam, the light show will attract drivers off street and into your wash bay. Soft wax coating makes every car wash becomes a car care and maintenance, and surely will bring more return customers for you.



EQUIPMENT CT CAROLINA SHINE

CAROLINA SHINE EQUIPMENT CT HP TOUCHLESS AUTOMATIC CAR WASH EQUIPMENT

Washing without brushes poses a special challenge for a car wash. Carolina shine equipment CT equipped a multi-stage chemical and high-pressure system. Automatically detect various types of vehicles and working with 35cm flushing distance and 100bar flushing pressure.



100bar high pressure water No brush, no scratch

We don't need to worry about any damage to the car paint, because during the cleaning process, except the cleaning fluid and high-pressure water, there is no brush contact with vehicle body.

Multi-stage applicator Chemical application

A multi-stage applicator is used to apply different chemicals and therefore loosens a high amount of dirt. Contour-following and lateral high pressure ensure that the vehicle surface is cleaned thoroughly after the dirt has been loosened.

CAROLINA SHINE EQUIPMENT

Carolina shine equipment CT Technical Parameters

Item	Parameters / Process / Brand / Consumption	Item	Parameters / Process / Brand / Consumption
Equipment Dimensions	11' 9" x 4' 9" x 10' 2"	High Pressure Nozzle	American SPRAY 316 hardened stainless steel
Rail Length	≥ 29' 6"	Longitudinal Motor/Reducer	Import from Italy (Waterproof Ip67)
Total Power	37.5 HP / 46.9 HP	Lifting flushing Motor/Reducer	Import from Italy (Waterproof Ip67)
Shipping Weight	≥ 7702 lbs	Lifting Rotary Motor/Reducer	Import from Italy (Waterproof Ip67)
Shipping Volume	18.5 CBM	Lifting Air-drying Motor/Reducer	Import from Italy (Waterproof Ip67)
Power Requirement	3 Phase 208V / 60Hz	Wheel Brush Motor/Reducer	Import from Italy (Waterproof Ip67)
Control System PLC	Delta Industrial Control	Air-drying Aluminum Motor 4*4kw	Import from Italy (Waterproof Ip67)
Electrical Components	French Schneider	Wind Drum/Impeller	Galvanized sheet + electrophoresis + spray (outdoor plastic powder)
Frequency Conversion Drive System	German Siemens	Frame Sheet Metal Anti-rust Process	Electrophoresis + spray (outdoor plastic powder)
Water Pump	Pinfi/WULI(Import)	Frame Sheet Metal Manufacturing standard	1.42" - 1.89" pickling plate whole bent without welding
Water Pump Motor	German Siemens 24.8 HP / 29.5 HP	Contour-following Lifting and flushing Device	304 Stainless Steel
Drive Bearing	Japan NSK Bearings	Rails	Solid Square Steel
High-pressure Hose	American Parker	High Pressure Steering Control Valve	Import from USA
Engineering Towline	German IGUS (Import)	HMI	10 Inch Delta color touch screen
Towline Cable	German IGUS (Import)	Pneumatic Components	Taiwan AirTAC
Lifting Timing Belt	Italy MEGADYNE	Power Consumption/Water Consumption	2729.7 - 4094.6 BTU/Car, 31.7 - 52.83 Gallon/Car
Sensor	German P+F /Italy MICRO DETECTORS	Chemical Consumption	USD0.2 - USD0.4/Car

Configuration	Standard Smart Luxury			Configuration	Standard Smart Luxury		
	Standard	Smart	Luxury		Standard	Smart	Luxury
Contour-following high pressure Rinse	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Scan code 24 hours self-service car wash service	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
High pressure side rinse	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Cloud remote monitoring	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
High pressure swing side rinse	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	APP background management	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Contour-following air-drying	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	LED arrow tips	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Frequency conversion mute air-drying system	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	LED large screen car wash process display	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Fixed air-drying	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Language guidance Smart parking	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Wheel brush	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Touch screen console	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Intelligent chemical mixing system	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Remote control operation	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Soft water wax coating	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Permission setting	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Reverse water osmosis function	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Car wash quantity report statistics	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Overglow lava foam system	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Automatic standby function	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Contour-following flushing anti-collision ring	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Fault self-test function	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Contour-following air-drying anti-collision ring	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Water recycling system	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Digital Security Anti-collision System	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Reverse Osmosis Water Equipment	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

Explanation: Standard Optional Choose one of two