

SHUIFU
水斧电脑洗车机

CHINA TOUCHLESS CAR WASH PIONEER

Manufacturer: Hangzhou Shuifu Car Wash Equipment Co., Ltd

Factory Address: Qianlong First Road No. 2, Qianjiang Farm, Xiaoshan District, Hangzhou City, Zhejiang China.

Mobile/WhatsApp: +86-137 3646 0260 Skype: hbklove8

E-mail: info@shuifuinc.com

<http://www.shuifuinc.com>



SHUIFU TOUCHLESS VEHICLE WASHING SYSTEM

360 high efficiency high pressure washing

Color foam spray

Wax rain for coating and shining

22KW built-in drying system



**HANGZHOU SHUIFU CAR WASH EQUIPMENT
CO., LTD** www.shuifuinc.com

COMPANY HISTORY

HANGZHOU SHUIFU CAR WASH EQUIPMENT CO., LTD

Founded in 2003, Hangzhou Shuifu Car Wash Equipment Co., Ltd has been respected as China leader in quality car wash manufacturing and export. SHUIFU offers an extensive line of world-class vehicle wash systems, products, and components that deliver unparalleled value, performance and investment opportunity. Our broad line of products include touchless vehicle washing systems, along with fully-automatic tunnel car wash machines and bush wash. All Shuifu vehicle wash systems provide high performance cleaning, consistent reliable operation, user-friendly functionality, and unsurpassed product durability. This means business owners will spend less revenue on repairs and new equipment over the life of their wash!

But we are much more than just a manufacturer and exporter of car wash equipments. We are leaders in the application of new technologies and ways of delivering customer-focused solutions. From business planning to complete system training, we ensure our customers' success from the very beginning and continue that support into their business's future.

What we believe

At Shuifu, we take our commitment to our customers very seriously. Our success is a direct result of our customers' success. So whether you're an experienced operator or a new investor Shuifu is set up from the top down to meet every customer's needs. From our local distributor network, made up of the most experienced & knowledgeable car wash specialists in the industry, to our Technical Support Service & After Market Support Team, Shuifu is your complete business partner for the life of your wash.

What sets us apart

Product Life-cycle Longevity Shuifu vehicle wash equipment and systems are prove to last longer. This means you will spend less money on replacement equipment over the life of your car washing business.

Product Performance Time is money. So when it comes to safe, fast, and reliable vehicle processing you can rely on Shuifu equipment to be up and running at optimal performance.

Operator-Friendly Functionality Shuifu's engineers design equipment with minimal maintenance requirements. With standard features such as Grease for Life bearings, easy access control panels, and tool-free repairs, you will spend less time and money on routine maintenance.

Customer-Friendly Performance All Shuifu vehicle wash systems are designed to enhance your customers overall washing experience. Whether it's the customer-friendly vehicle loading functionality of our in-bay automatics or the quiet gentle washing action of our tunnel systems, Shuifu wash systems help increase customer loyalty and wash facility revenue.

Advanced Technology With more than 100 patents to date, Shuifu is driving industry trends by delivering distinctively engineered vehicle washing products that excel in innovative technology and exceed operators' expectations.

Brief Factory Introduction

Main products: Touch Free Car Wash, Tunnel Car Wash and Bus Wash

Factory built date: 2003

Factory size: 20000 square meter

Number of technicians: 12

Number of employees: 90

OEM services: YES

ODM services: YES

Overseas Installation Services: YES

Domestic Sales: 600sets/year

Oversea Sales: 50sets/Year

Welcome to be our distributors!

Hard Time

2003-2004

In China, we are the first factory in touchless car wash research, development and manufacturing. In 2003, there is no touchless car wash in China, and our technician team&professional workers start producing touchless car wash, although many failures and hard works, the first set successful machine is published in 2004.

Pioneer!

China fist set successful touchless car wash is published.

2005



Shuifu fully-automatic touchless car wash model GT-1000 is China first set fully-automatic touchless car wash on sale. Many domestic customers come to visit factory and order machines.

2006

Shuifu GT-2000 fully-automatic touchless car wash is published.



2008

Shuifu GT-M5 fully-automatic touchless car wash is published. Many car wash stores have installed M5.



World Markets

2009

Shuifu touchless car wash machines are exported to Zambia, Venezuela, Brazil, Malaysia, Bolivia, Russia, Burma, Philip-pines and Angola.



2010

GT-M7 is published in 2010. GT-M7 has been installed in Russia, Malaysia, Kazakhstan, Chile, Panama, Turkey, Lebanon, Armenia and Saudi Arabia.



2011

GT-M7-2A double arm touchless car wash is published. GT-M7-2A has been installed in Brazil.



2012

Shuifu bus wash and tunnel car wash model GT-R800 are published, at the same time, Shuifu touchless new model AXE is under testing.



2013

Shuifu touchless model GT-M8 and GT-M9 cover 95% China markets, at the same time, tunnel car wash model GT-R800 is installed in Russia, Malaysia and Zambia.



IMITATED BY MANY, SURPASSED BY NONE

2015 to DATE

2015 to Now, new and China best touchless model AXE OVERHEAD has been exported to Malaysia, Saudi Arabia, and Chile.



IT HAS BEEN IMITATED NEVER BE SURPASSED

TOP 8 REASONS WHY CHOOSE SHUIFU?



Vice president of Chinese Car Washing Association



SHUIFU START AT 2005



Only High-tech enterprise in the industry



65 Patents



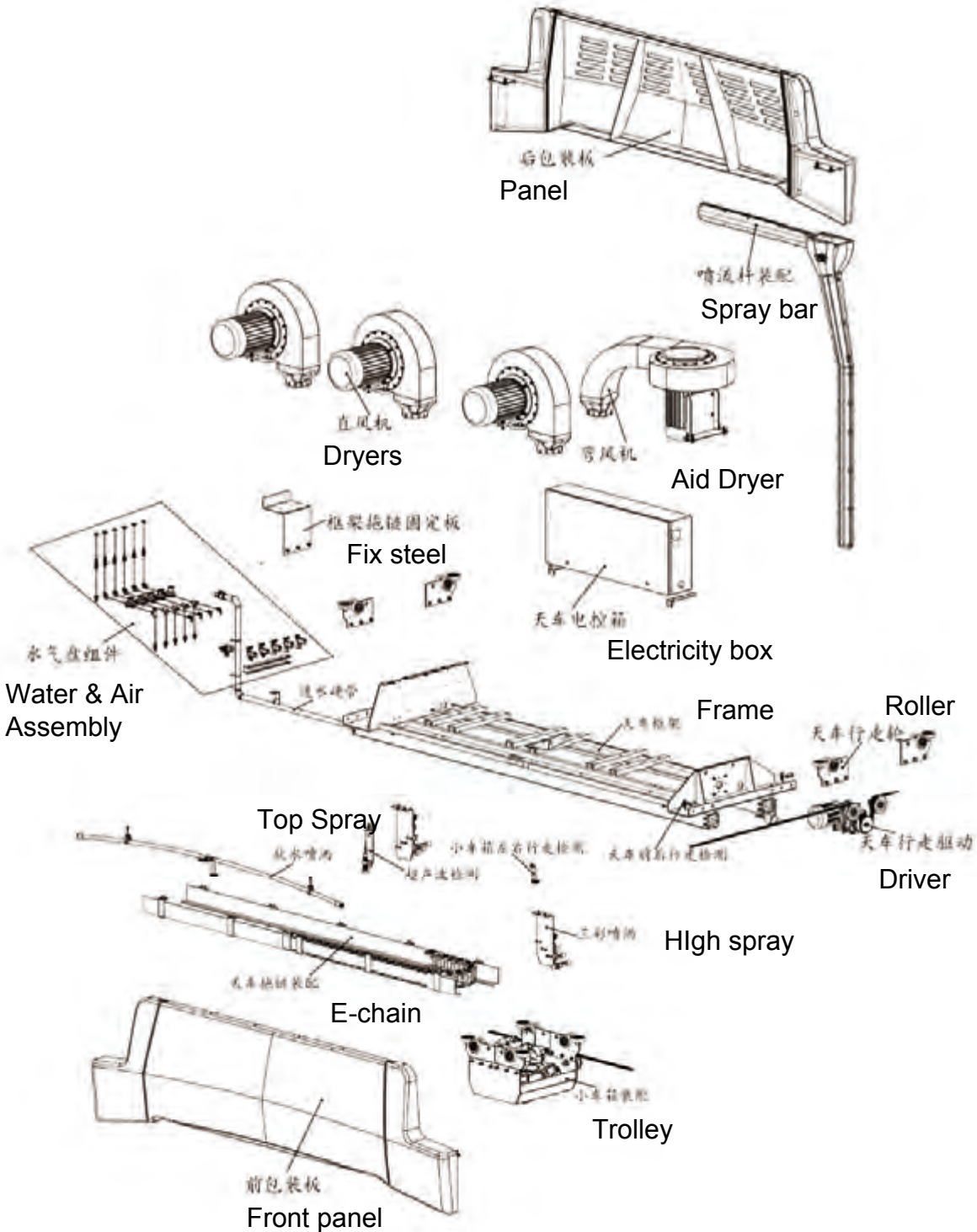
- We are touchless car wash pioneer and first set touchless car wash manufacturer in China.
- We have ten years experience in manufacturing touchless car wash machines.
- We are the only high-tech enterprise in car wash manufacturers.
- We have very strong r&d team, program engineer, mechanical engineer and electrical engineer.
- Our workers have ten years experience in manufacturing touchless car wash machines.
- We have professional after-sales team and dedicated machine installation team.
- We have 65 patents for touchless car wash parts.
- Our touchless car wash machines have been installed in Malaysia, Thailand, Russia, Chile, Saudi Arabia, Lebanon, Hungary, Armenia, Panama, Zambia, Venezuela, Brazil, Bolivia, Burma, Philippines and Angola.

AXE OVERHEAD

OPERATION PRINCIPLE

Shuifu AXE parts include bridge, trolley, L arm, bridge rail, vehicle positioning and guiding device, bottom spray arm, side spray arm, ultrasonic detection system, automatic chemical system and card reader(optional).

1. Bridge: Bridge moves on the two 8meters rails, and the bridge moves the L arm front and back.
2. Trolley: Trolley moves the rail in the bridge and moves the L arm left and right. The rail is built-in non resistance oil free lubrication suspension type industrial guide rail with features of high safety&stability. Hanging wheels use PU materials guide roller, imported bearings with long-life span and maintenance-free features, standard servo motor.
3. L arm: L spray arm makes vertical rotary motion on trolley. Top arm has 5pieces (F1-F3) high pressure 304stainless steel spray nozzles, side arm has (G1-G11) high pressure 304stainless steel spray nozzles. The spray arm makes left&right movements and rotations to wash every corner of vehicles.
4. Bottom spray arm: The bottom spray arm is at the entry of the washing house with 4 pieces high pressure 304stainless steel nozzles.
5. Side spray arm: Side spray arm is at the two sides of the car wash entry, each side with 4pieces high pressure 304stainless steel nozzles.
6. 4sets ultrasonic sensors on ground and 1ultrasonic sensor on bridge for vehicle body checking and wash guide.
7. Chemical system: three color foam for cleaning sands, shampoo for cleaning oil dirt and wax for helping drying and shining cars.
8. LED sign: LED sign has voice system for guiding car wash.
9. Card Reader is optional. 24 hours self-service car wash is possible by using factory card reader system.



BEAUTIFUL APPEARANCE



THE SOUL OF THE DESIGN

Perfect industrial design, high standard parts with beautiful and powerful dynamic aesthetics makes machine very dynamic vitality.



BRIDGE FRONT VIEW



BEAUTIFUL BACK COVER



BRIDGE VERTICAL VIEW



ORIGINAL COLOR PVC BLISTER



RUBBER FOAM MOLDING

NOBLE INNER QUALITY

Anti-rust and anti-corrosion parts: 304stainless steel spray arm with 304stainless steel nozzles, plastic bridge cover, rubber arm cover, nylon bridge wheels, hot-galvanized installation frame, rails and water pipes.



304STAINLESS STEEL SPRAY NOZZLES



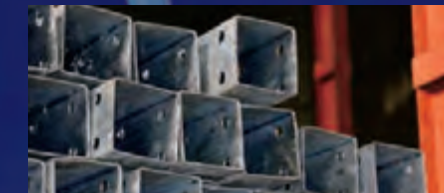
RUBBER FOAM MOLDING SPRAY ARM COVER



SOFT AND FLEXIBLE PLASTIC CHEMICAL PIPES



COMPACT TROLLEY

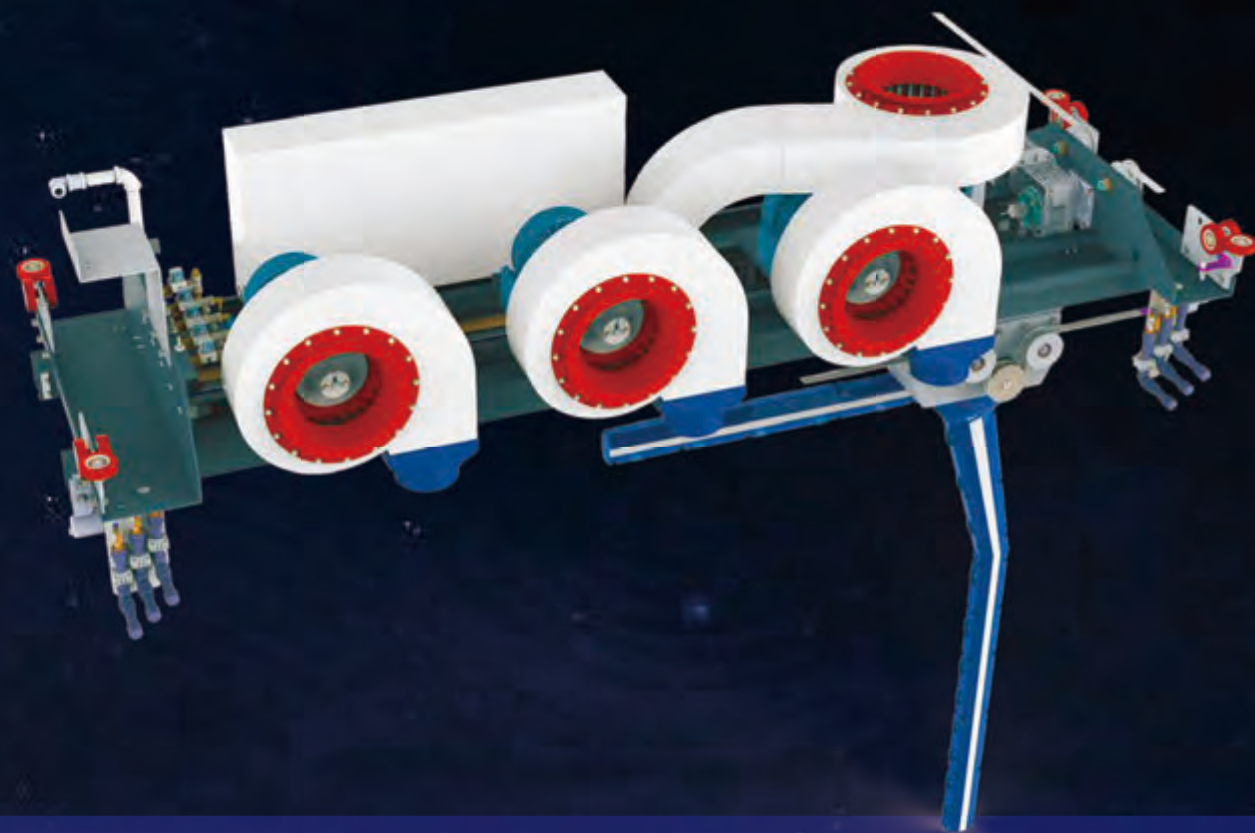


HOT-GALVANIZED TREATMENT



PERFECT WELDING BRIDGE FRAME

INNER BEAUTY



HIGH QUALITY PARTS

Every piece of the machine is very important. We use the top quality, the most durable, the most suitable and the most stable parts to assemble every machine.



18.5KW MOTOR



SERVO MOTOR



DIRECTION VALVE



304STAINLESS STEEL BUILT-IN DRYING SYSTEM



304STAINLESS STEEL BUILT-IN DRYING SYSTEM



GERMANY PINFL HIGH PRESSURE WATER PUMP STATION

VERY INTELLIGENT SOFT-WARES

Control system is the brain of the equipment. Sensors are the eyes, and program is the soul. We use word top quality electrical components to ensure the machine operation safety.



TAIWAN DELTA TOUCH SCREEN



TAIWAN DELTA PLC



TAIWAN DELTA FREQUENCY CHANGER



GERMANY P+F ULTRASONIC SENSORS



JAPAN OMRON PROXIMITY SWITCH



FRANCE SCHNEIDER ELECTRICAL COMPONENTS

DRIVING BEAUTY

BEAUTIFUL AND SOFT RUNNING TRACK

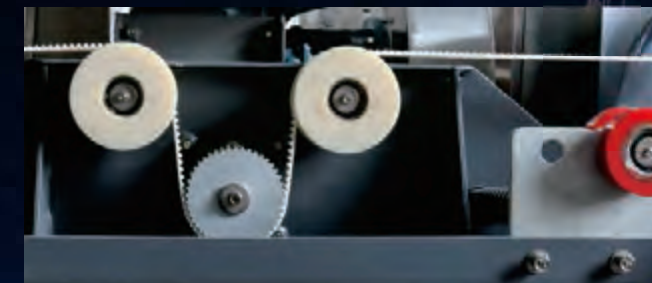
Hanging rail operation is the best choice for reducing friction. Hanging type is an effective way for reducing equipment installation space. Using the minimum friction and the smallest space to make sure that machine moves smoothly, softly and fast.

VERY HIGH PRESSURE WASHING

Advanced checking sensors and reliable control system make sure that machine can check-
ing vehicle body accurately and the uniform high pressure water cleans every corner of the vehicle.



CROSS DRIVING SYSTEM



LENGTH DRIVING SYSTEM



SYNCHRONOUS BELT TIGHTENING
DEVICE



ITALY SYNCHRONOUS BELT



STABLE ROLLER



E TYPE INDUSTRIAL CHAIN
DEVICE

BEAUTIFUL WASHING PROCESS

BOTH CAR WASHING AND MAINTENANCE MACHINE

The most advantage of touchless car wash is to protect car paint with good cleaning every corner of the vehicle. The machine is not only washing but also coating car by using low pressure wax rain.

AXE = 3-5 WORKERS

People have more and more cars but car washing workers less and less. axe solves the problem of lacking workers and improves 3-5times efficiency.



CHASSIS & SIDE WASHING



WHEEL WASHING



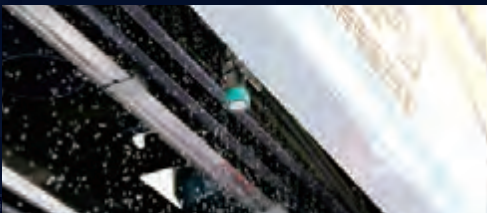
SHAMPOO SPRAY



THREE COLOR FOAM SPRAY



CAR BODY WASHING



WAX RAIN



Many different wash packages

CHEMICAL SYSTEM

Advanced liquid matching function, high precision flow control, 304 stainless steel house, saving cost and enhance cleaning, 5sets chemical pump stations that can supply three color foam, shampoo, coating liquid, wax, soft water and so on.



LIQUIDS DOSING SYSTEM



WATER INLET

Water inlet is connected to system for connecting soft water, water recycle, non spot water and hot water. The low pressure pump is installed at easy maintenance location.



CHEMICAL INJECTION

Easy and convenient chemical connecting pieces. Injection tips are easy to maintain. All valves are fitted on the joints for on-site services.



CHEMICALS OUTPUT SYSTEM

Independent liquids output system allows simply adjusting seepage flow.



- 5types liquids
- Color foam spray
- 0.01l accurate flow control
- Foam pressure adjustment
- 304stainless steel house
- Anti-rust and anticorrosion
- LED display
- Roller at the bottom of the house for easy moving system
- Built-in liquid tank
- Can open front and side covers for easy adjusting liquid flow

INTELLIGENT CONTROL PANEL

The system includes card reader system, PLC control system, flow control system, mechanical control system, car wash counting system, emergency stop system, fault checking system, remote control system and so on. Saving washing time and saving labor cost.



CARD READER SYSTEM



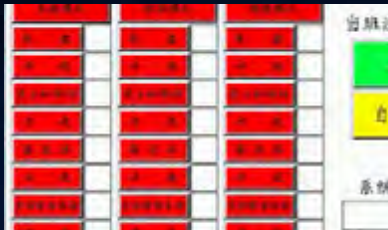
HIGH QUALITY TOUCH SCREEN



STOP AND EMERGENCY STOP



OPERATION AREA



DIFFERENT WASHING PACKAGES



REMOTE CONTROL

- Card Reader System (Optional)
- Mobile payment system (for Chinese customers)
- Self-service Paying Station
- Toll Free System
- Reducing Waiting Time
- One Key Washing
- Flow Control
- Remote Control
- Car Wash Counting
- Password Protection
- Emergency Stop
- Lighting Adjustment



SHUIFU ORIGINAL CHEMICALS

THREE COLOR FOAM

THREE COLOR FOAMS USE SPECIAL ACTIVE COMPOUND TECHNOLOGY. MIDDLE PRESSURE SPRAY PRODUCES THICK AND DELICATE FOAM WITH VIBRANT COLORS AND STRONG ADHESION THAT CAN DEEPLY PENETRATE DIRT AND COLLAPSE SHELLAC. THERE IS NO STRONG ACID AND NO STRONG ALKALI IN THE THREE COLOR FOAM. THE THREE COLOR FOAM CAN CLEAN CAR PAINT SAFELY AND EFFECTIVELY.

SHAMPOO

LOW FOAM SHAMPOO CAN DISSOLVE ALL TYPES OF DIRT. HIGH EFFICIENCY ACTIVE CLEANING ION CAN CLEAN STAIN AND OIL FILM ON CAR BODY. THERE IS MUCH NATURAL BRAZIL PALM WAX IN THE SHAMPOO THAT CAN REDUCE THE HIGH PRESSURE WASH FRICTION AND REDUCE SUNSTREAKER ON THE CAR BODY TO MAKE THE PAINT MORE SHINING.

WAX RAIN

WAX USE GERMANY NEW TYPE HIGH TECHNOLOGY TO REDUCE CAR PAINT TENSION AND DYNAMIC CONTACT ANGLE TO GET RID OF WATER ON CAR BODY AND NO WHITE SPOT ON CAR SURFACE.



THREE COLOR FOAM



SHAMPOO



WAX

ALL COSTS

With many years experience in manufacturing car wash equipments, Shuifu knows how to maximum reduce operators' cost. Simple integration design and high quality materials save operators' maintenance cost.

EARN PROFIT

AXE improves the touchless washing standard, enhances customers' revenue and optimize use-cost and offers maximum rate of return on investment. Intelligent 360 wash technology improves the dynamic response capability in the wash area to achieve self thinking ability, reduce the washing time and gains the maximum profit in the shortest time.

MORE COMPREHENSIVE FUNCTION

AXE has prewashing system for clean mosquito bodies on car heads. High efficiency 22KW built-in drying system can dry 96% water. 360 wash technology arm cleans car surface without dead corners. Pressure adjustable valves can reduce the waste of water and chemicals and offer the best wash process for every car.



AXE IMPROVES THE WASHING EFFICIENCY, REDUCE CUSTOMERS' WAITING TIME, COMPLETE FUNCTIONS, SIMPLE DESIGN, LOW ENERGY CONSUMPTION, BEST TECHNOLOGY TO HELP OPERATORS GAIN MAXIMUM PROFIT.

BIGGER WASHING SIZE

AXE max washing size
L*W*H=6000*2500*2080mm

BARRIER - FREE ENTRY

LED sign guides customers enter the wash house without using lead rail and rod sign.



FAST WASHING

One circle wash only needs 26sec-onds.



OPEN WASHING BAY

Hanging type 360degree spray arm, flat and wide parking space make sure that customers can load the wash bay fast and easily.



WASHABLE MODELS



Mini car



Small car



Middle Car



SUV



VAN

6m

MAX WASHING LENGTH

ENVIRONMENT FRIENDLY

Neutral car wash chemicals, no pollution.



CONFIRM SERVICE

LED sign guides car wash and shows every wash step.



INTELLIGENT THREE DIMENSIONAL INDUCTION TECHNOLOGY

Intelligent three dimensional induction technologies simplify the wash house inner structure, remove limit switch, remove T bar and remove guide rail to make the car wash loading more easily.



Fully automatic Touchless Car Wash System	
Model	AXE OVERHEAD
Special Feature	
Customers can set chemicals consumption automatically on touch screen according to the dirty degree of vehicles.	
Washing Mode	
Fine Mode (5minutes/car): start-chassis and wheel washing-high pressure rinse-three color foam spray-high pressure rinse-shampoo spray-high pressure rinse-wax rain-drying-end	
Fast Mode(2minutes/car): start-chassis and wheel washing-three color spray-high pressure rinse-drying-end	
Customized Mode: customers can add or move any single step on touch screen.	
L arm Raw Materials	High Quality Real 304 Stainless Steel
Standard Machine Installation Size	L*W*H=8000*3686*3400mm
Pump Station Size	L*W*H=1200*810*639mm
Chemical Station Size	L*W*H=1100*471*1351mm
Max Vehicle Washing Size	L*W*H=6000*2500*2080mm, 8000mm length track
Total Machine Gross Weight	
Total Packing Size	
Installation Size	
Steel Frame Length/Installation Length	7500-8000mm adjustable
Steel Frame Width/Installation Width	3350-3686mm adjustable
Steel Frame Height/Installation Height	3300-3400mm adjustable
Power Supply	
Input Voltage	3phase, 4wires, AC380V 25KW 50-60Hz or customized voltage, 50A 16square cable
Air Switch	100A air switch
Germany PINFL Water Pump&Motor Power	18.5KW/100Bar working pressure, 10-100bar adjustable. Siemens motor
Fan Motor Power	4pieces 5.5KW blowers total 22KW/Pressure 12000Pa/Air Flow 24000CBM/H, saving 10% energy, Siemens motors
Length Motor Power	550W asynchronous frequency conversion speed regulation
Cross Motor Power	1000W digital servo motor
Rotation Motor Power	1000W digital servo motor
Chemical System	0.37KW
Central Processing Unit PLC	Industrial intelligent digital control system
Drive System	variable frequency speed control+digital servo driver
Checking System	intelligent three-dimensional detection system

BUILT-IN DRYING SYSTEM

4pieces 5.5kw built-in high efficiency blowers offer flash drying for every car.

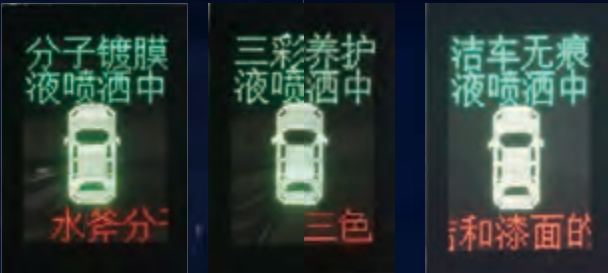


LED SIGN

LED sign is equipped with voice system that can guide customers in the whole wash process. LED sign can check car location and guide customers to park car in the right area.



LED sign can show every wash step and guide customers to leave the wash bay when wash is finished.



Sealant

Tri-Color foam

Shampoo



High-pressure Rinse

Dryer

Exit

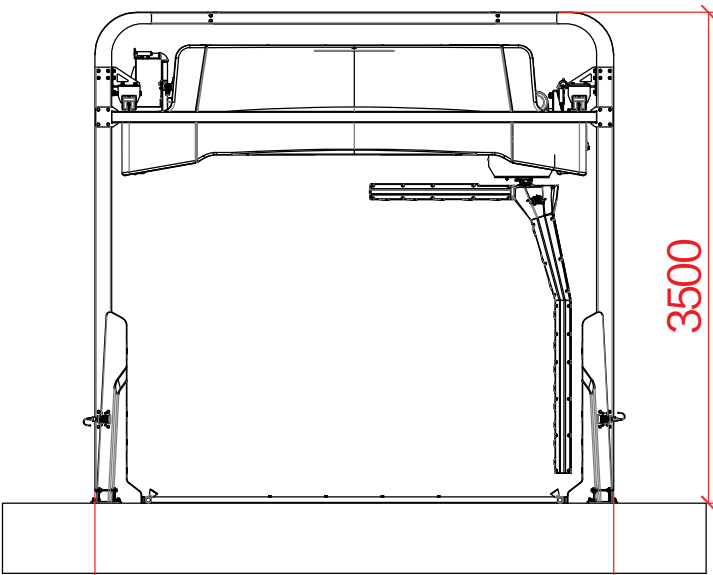


SITE AND EQUIPMENT INSTALLATION

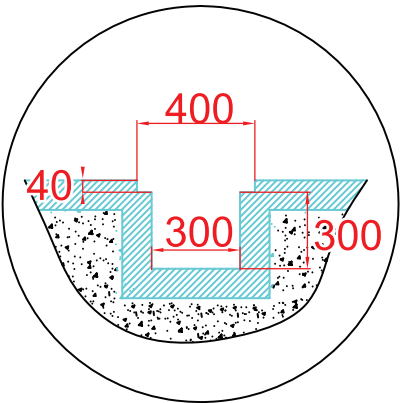


INSTALLATION SPACE REQUIRED

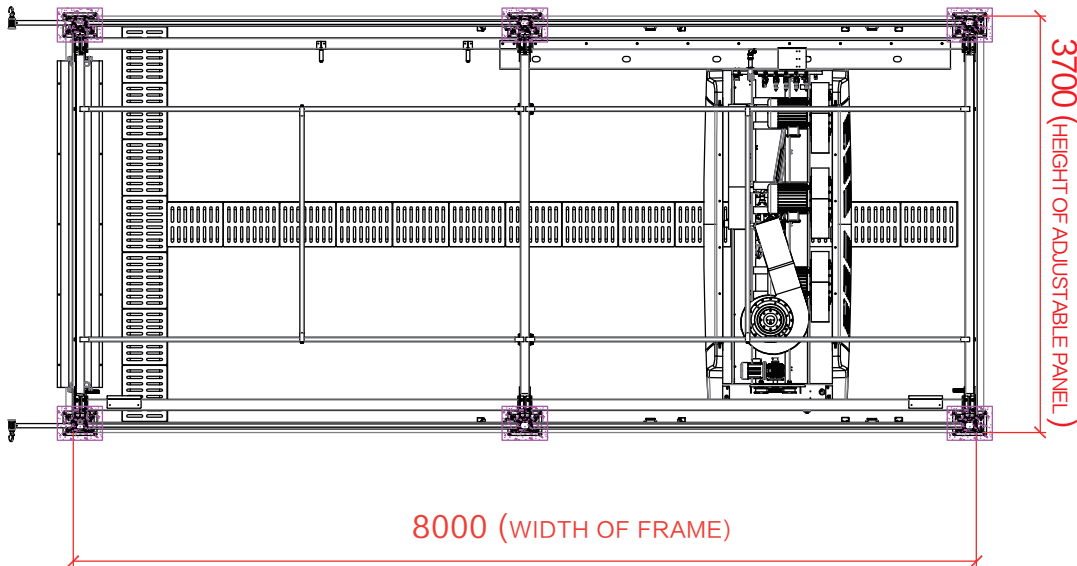
LENGTH	WIDTH	HEIGHT
8m	3.7m	3.5m



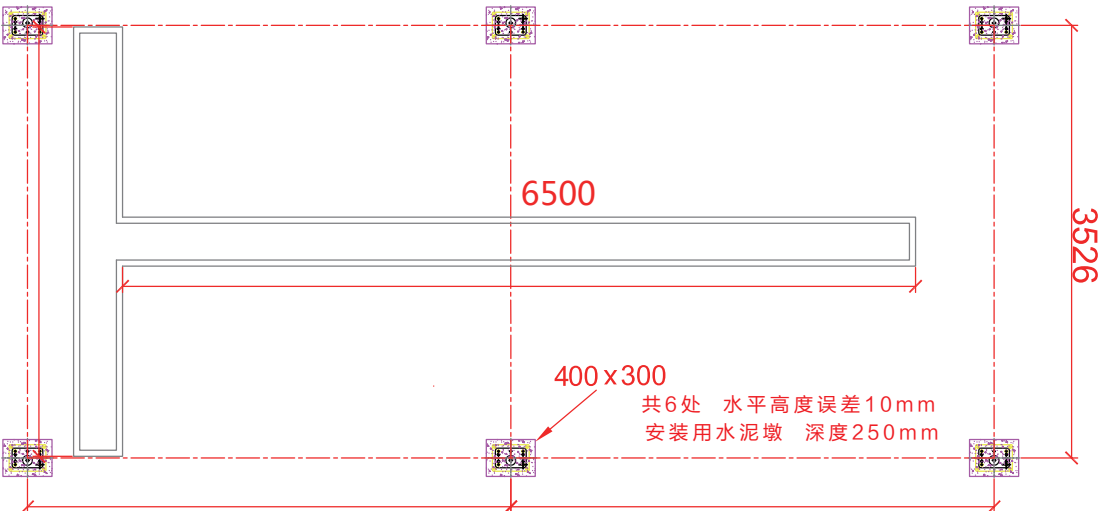
EQUIPMENT FRONT VIEW



WATERWAY SECTIONAL VIEW



Equipment Vertical View



INSTALLATION FLOOR VERTICAL VIEW