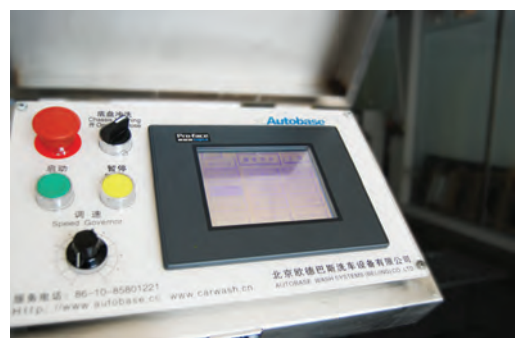


TEPO-AUTO

Tunnel car wash

TEPO-AUTO®

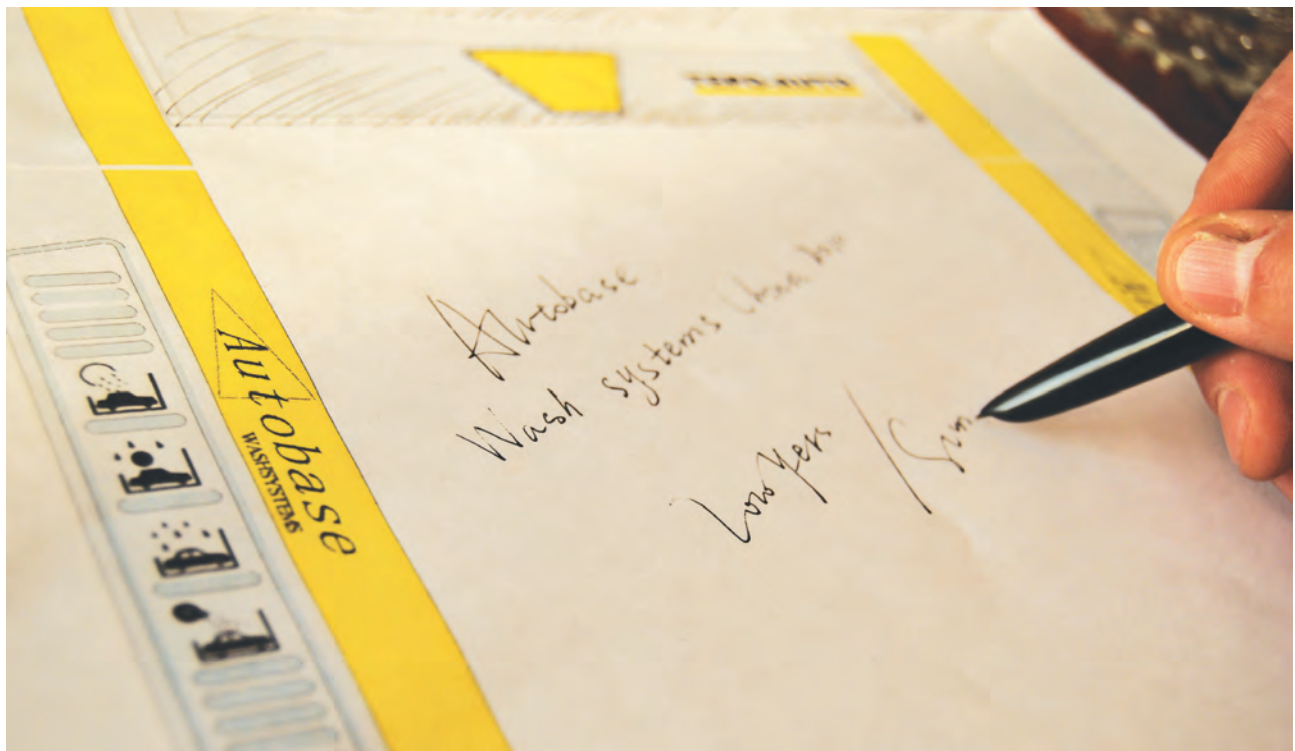
From past to present, from inheritance to innovation, every innovation of TEPO-AUTO become the leading of times, creating an automatic car wash classic. From the first generation TEPO-AUTO Tunnel Car Washer, "affordable" has become its own unique style accordingly. After 3 generations of development and innovation, TEPO-AUTO becomes more fashion and elegant, while the old history of the TEPO-AUTO made TEPO-AUTO brand is always different.



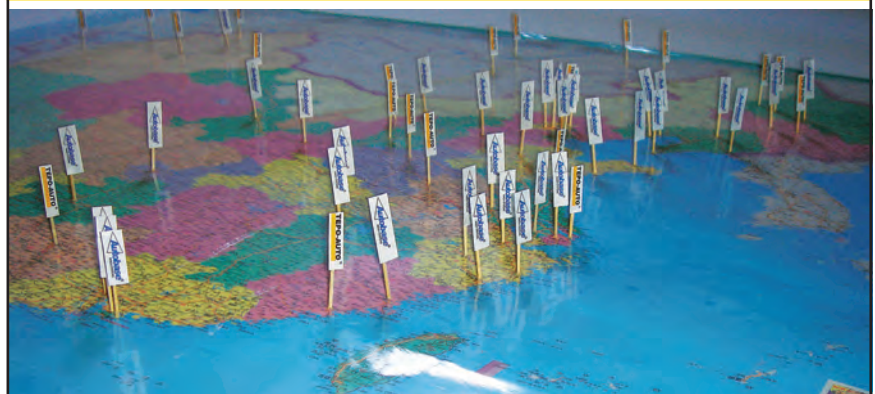
Tunnel car wash of Autobase

TEPO-AUTO Tunnel Car Wash Machine is started a brand new project of aesthetic design. The brand new color coordinator and highly aesthetic profile formed the classics of TEPO-AUTO. The new TEPO-AUTO washing machine have both modern and classic aesthetic heritage, and its elegant design will attract the customers all over the world. Mini tunnel car wash is the leading model of TEPO-AUTO Tunnel car wash , to develop the simple and practical machine is our direction. TEPO-AUTO enjoys a high reputation all over the world.

Concise but not simple is constant culture of TEPO-AUTO tunnel car wash. Now, the set of the legendary and innovative light gene, a new washing machine AUTOBASE T series comes vividly. In terms of elegant design, dynamic performance, or environmental protection are proudly leading in the global market.



AUTOBASE IN GLOBAL



Tunnel car wash catalogue



Advantage of TEPO-AUTO Tunnel Car Wash System:

1. Completely Combinable style car wash systems
2. Middle and high end global brand of car wash industry.
3. The most highest cost performance among the car wash industry.
4. The technology is mature and can be guaranteed effectively.
5. The most popular car wash machine.
6. The most beautiful car washing machine
7. The services cost of the machine is the lowest
8. It can meet the car washing requirements for washing 600-1000 cars.
9. The comfort has achieved highest demands on the world.
10. Operation noise is lower than 60 decibel
11. The framework is high integrity and stability
12. TEPO-AUTO car wash system gets the highest reputation by global clients

TEPO-AUTO Tunnel car wash product catalogue

Tunnel car wash Corporate Culture	1	Air drying systems	13
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Tunnel car wash introduction	3-4	Wax and clean water spraying	15
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Tunnel car wash equipment introduction

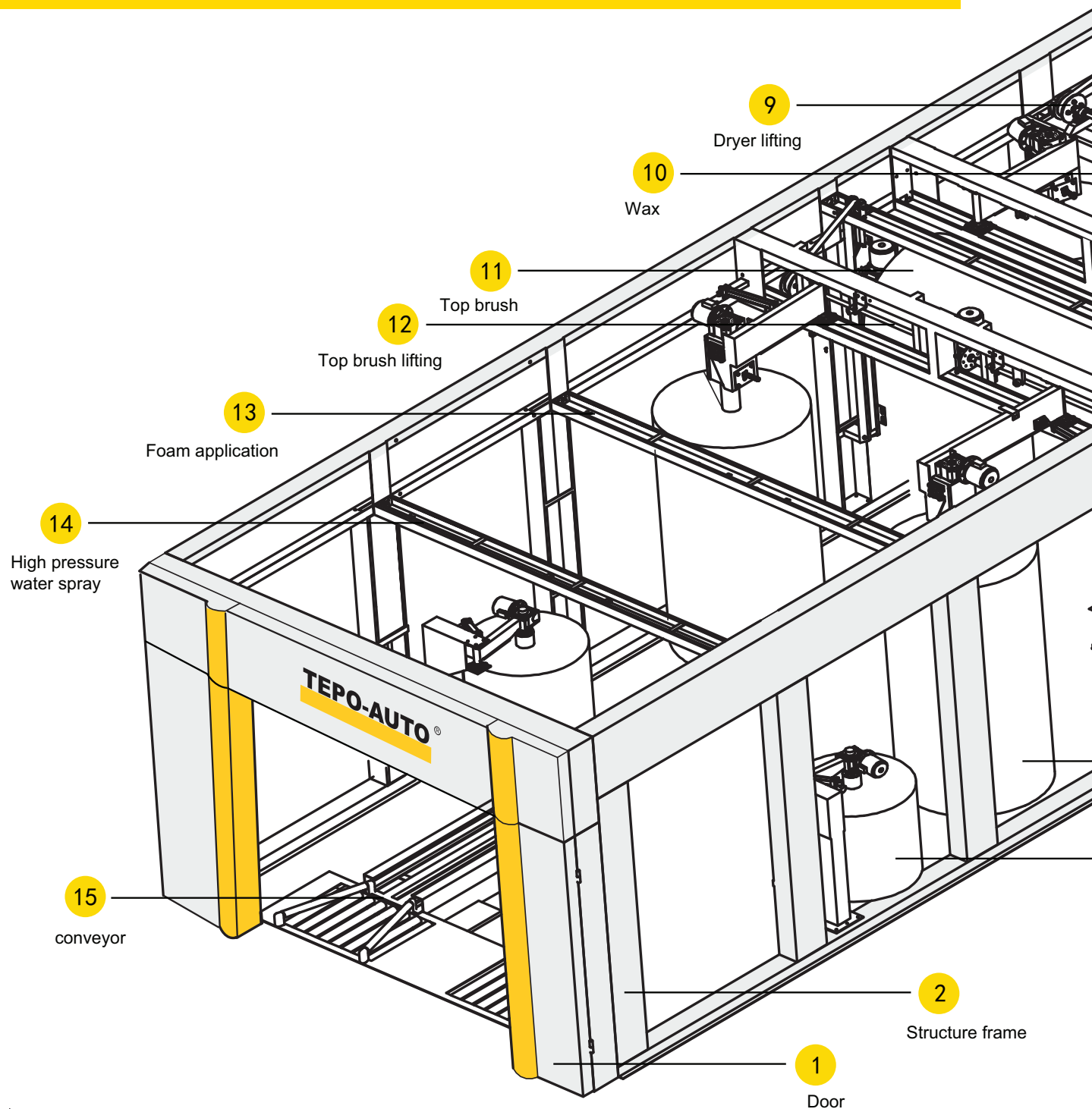
TEPO-AUTO Tunnel car wash machine is one of the besting selling machines.

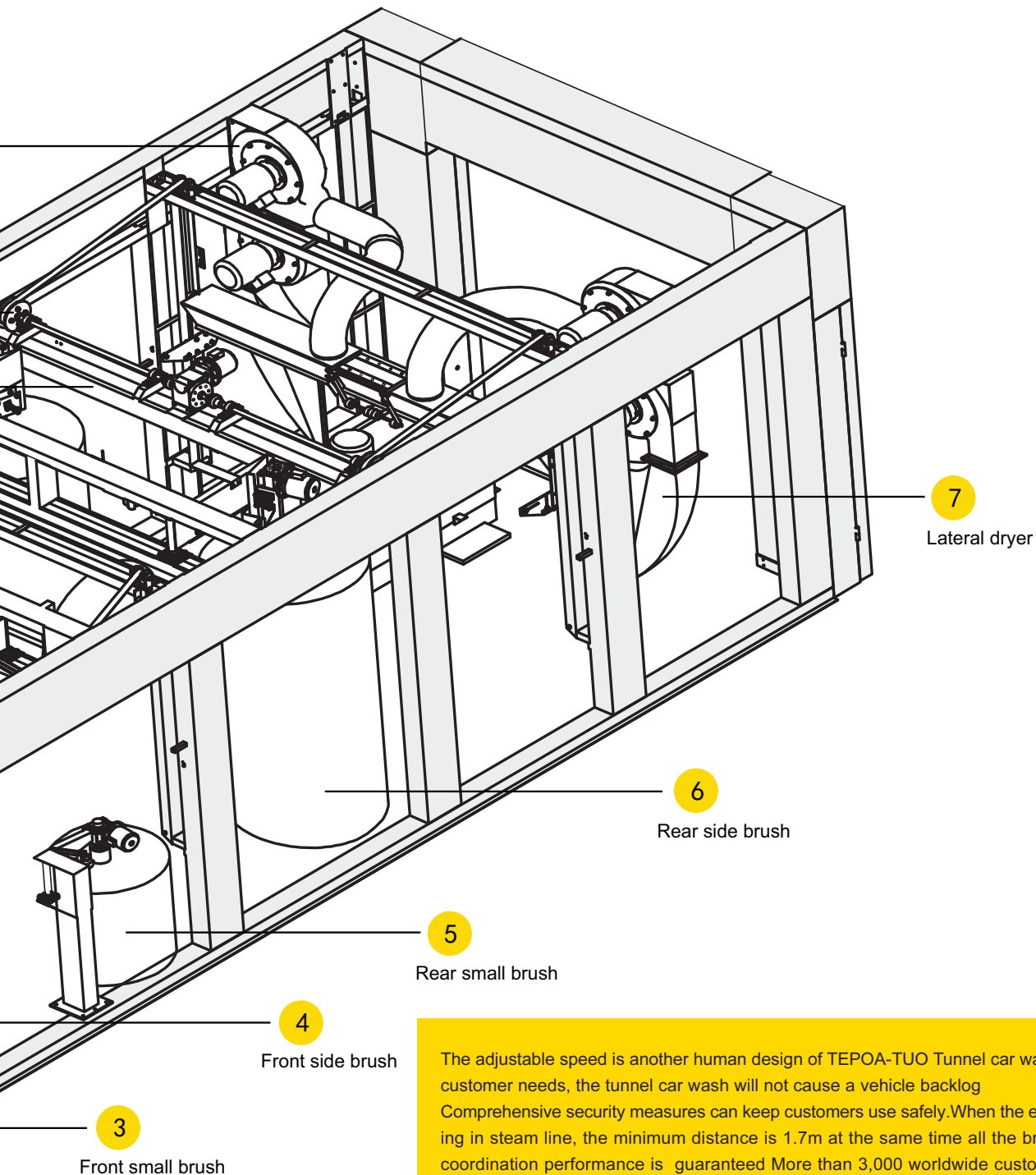
In 2010, Autobase had made Overall upgrade and technical improvements for TEPO-AUTO series tunnel car washing machine. The combinable functional configuration makes the customer have more choices on the car washing equipment.

Every systems of TEPO-AUTO Tunnel car wash is optimized to best satisfy the global customers.

The streamline washing methods enable all models can meet 60-80 cars/hour washing requirements.

When professional car wash stations use TEPO-AUTO Tunnel car washing machine, Their security, stability, comfort , energy saving and environment protection are effectively protected. TEPO-AUTO car wash machine own many patented technologies in global car washing industry and it reaches the highest quality in global car wash industry after decades of application.



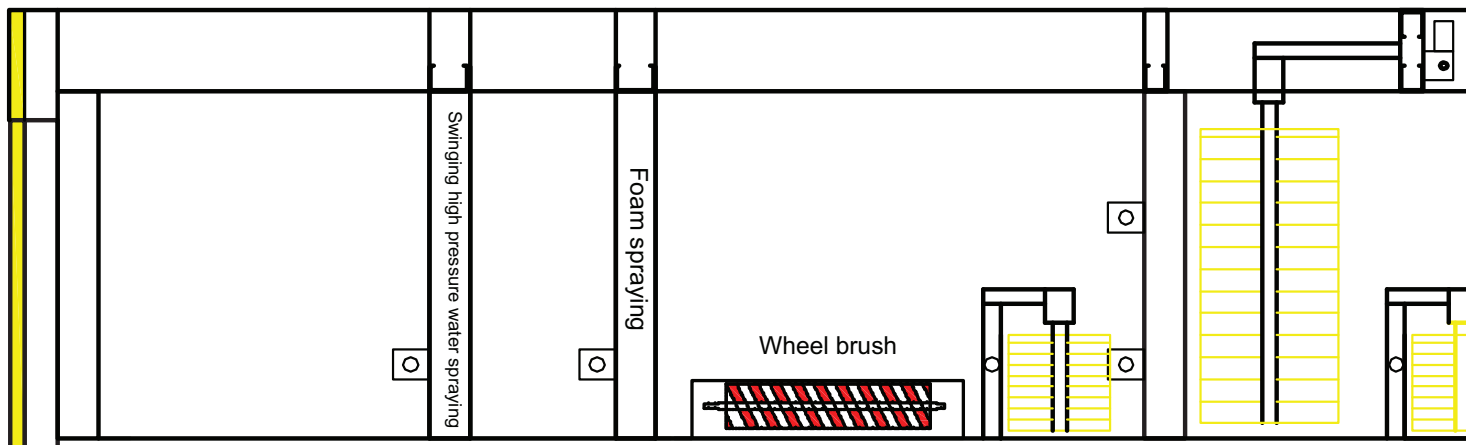
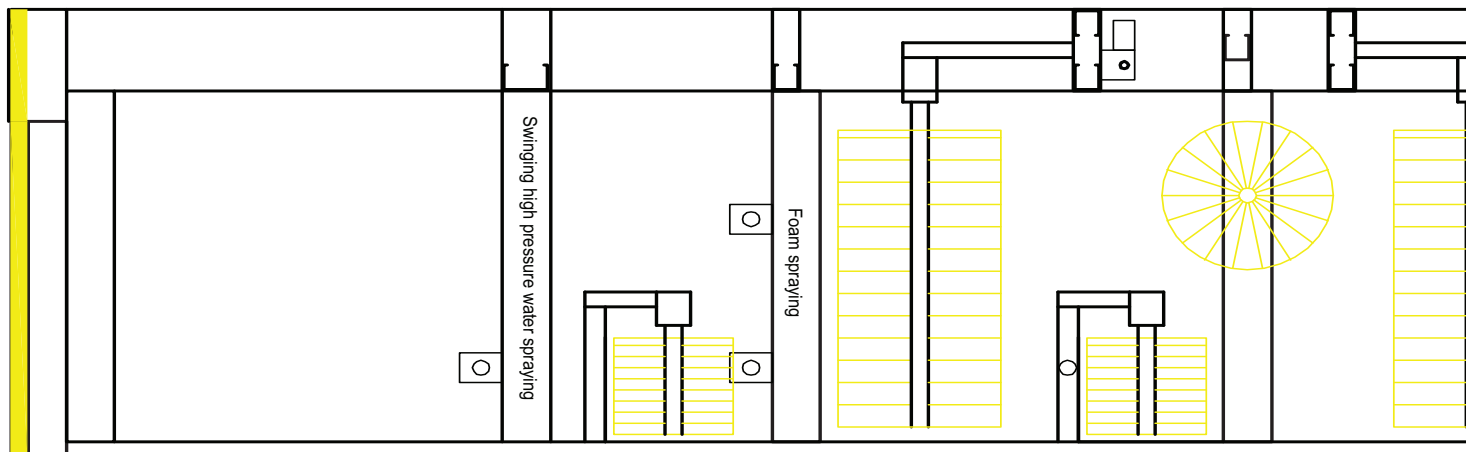
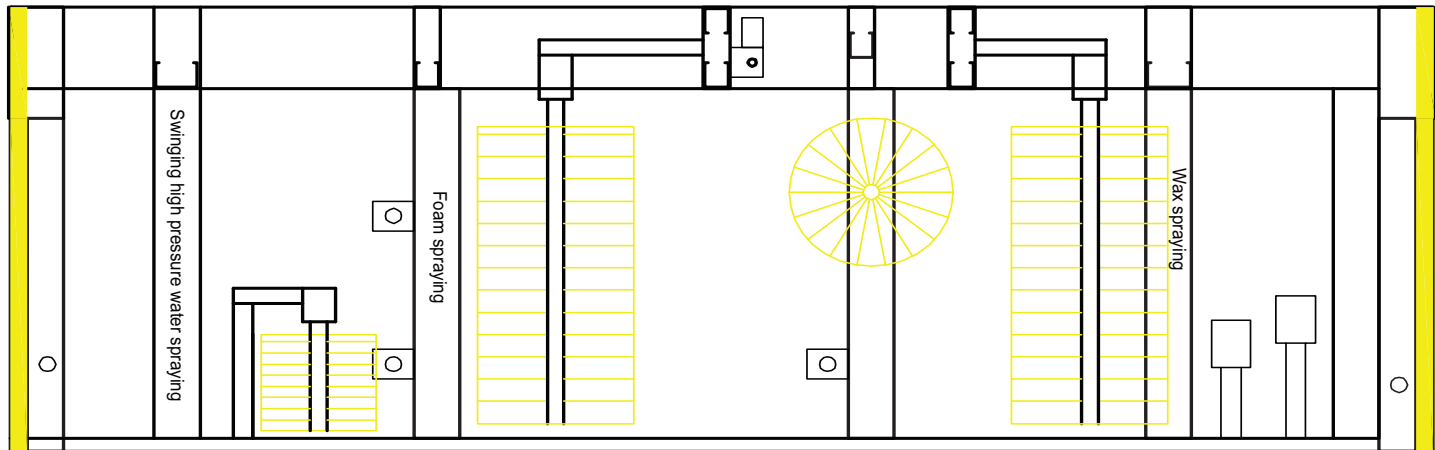


The adjustable speed is another human design of TEPOA-TUO Tunnel car wash . When meets customer needs, the tunnel car wash will not cause a vehicle backlog
Comprehensive security measures can keep customers use safely. When the equipment is working in steam line, the minimum distance is 1.7m at the same time all the brush system work coordination performance is guaranteed More than 3,000 worldwide customers' application cases, making TEPO-AUTO brand influence improve effectively. The design life of TEPO-AUTO tunnel car washing machine is not less than 12 years, because it is done with the antiseptic treatment. TEPO-AUTO tunnel car washing. machine which applied by professional design and manufacture be known around the world.

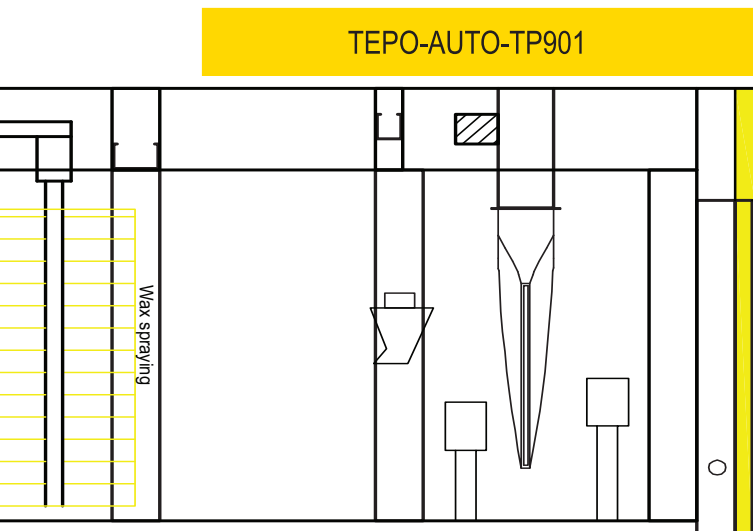
Various models of TEPO-AUTO Tunnel car wash

TEPO-AUTO can design and produce machines according to various regions in the global which include climate, space, voltage, frequency, power and so on.

TEPO-AUTO-TP700

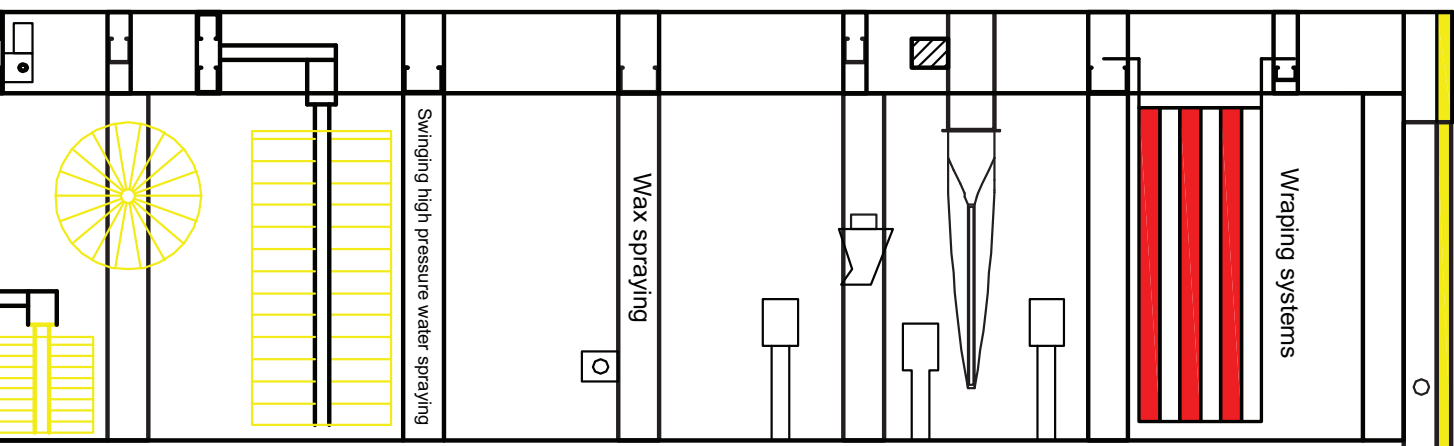
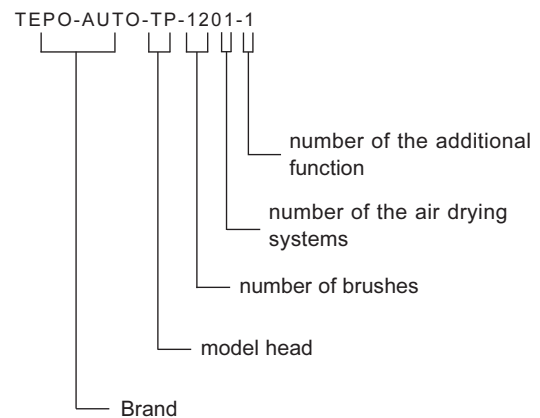


TEPO-AUTO-TP901



Tunnel car wash models partition:

According to different functions, the model will be different. TP-901 type is the standard model , relatively wide range of applications, the specific models explanation is as follows.



Tunnel car wash standard features specifications



Model

1. Steel- house main frame
2. Steel conveyor walking trac
3. Computer control systems
4. Pneumatic control systems
5. Steel column cable support
6. Long vertical brush washing systems
7. Short vertical brush washing systems
8. Short vertical brush washing systems
9. Top brush
10. Profile-modeling air drying systems
11. Feed water pump
12. Wheel brush
13. Chassis wash
14. Detergent spraying
15. Wax spraying
16. Swinging high pressure water (the devices is stainless steel)
17. Car wash house rooftop, automatic door and glass
18. Wrapping systems
19. Color wax spraying system
20. Horizontal type tire wax spraying system 2 sets

TP-700	TP-901	TP-1201
●	●	●
●	●	●
●	●	●
●	●	●
●	●	●
●	●	●
●	●	●
○	●	●
●	●	●
○	●	●
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○	○	○











● Is standard features ○ Is optional features

Tunnel car wash standard features specifications

TEPO-AUTO makes different Color scheme according to different customers preference all over the world.



Usually TEPO-AUTO appears in the world with perfect yellow and gray design. Of course, you can choose the colors according to your own preferences. Our engineers will provide you with full service and offer better advice.

door color		brush color	
Yellow		Yellow	
Orange		Red	
Red		Gray	
Green		Green	
Blue		Blue	

TEPO-AUTO Tunnel car wash specification

MODEL	TP-700	TP-701	TP-901	TP-902	TP-1201
DIMENSIONS	(L)×(W)×(H) 800×370×300cm	(L)×(W)×(H) 1000×370×300cm	(L)×(W)×(H) 1200×370×300cm	(L)×(W)×(H) 1350×370×300cm	(L)×(W)×(H) 1400×370×300cm
CAPACI TY	550×225×210cm	550×225×210cm	550×225×210	550×225×210cm	550×225×210cm
CONVEYOR LENGTH	850cm	1080cm	1180cm	1380cm	1500cm
OPERATION AREA	1100×400cm	1200×400cm	1200×400cm	1500×400cm	1550×400cm
ELECTRICITY	220-380V/3 PHASE	220-380V/3 PHASE	220-380V/3 PHASE	220-380V/3 PHASE	220-380V/3 PHASE
POWER	11Kw	23.5Kw	25Kw	36Kw	27Kw
WATER SUPPLY	4.5cm 2 X	4.5cm 2 X	4.5cm 2 X	4.5cm 2 X	4.5cm 2 X
WATER CONSUMPTION	90Kg/Piece (Nonrecoverable) 15Kg/Piece(Recoverable)	90Kg/Piece (Nonrecoverable) 15Kg/Piece(Recoverable)	90Kg/Piece (Nonrecoverable) 15Kg/Piece(Recoverable)	90Kg/Piece (Nonrecoverable) 15Kg/Piece(Recoverable)	90Kg/Piece (Nonrecoverable) 15Kg/Piece(Recoverable)
WASH SPEED	60-80 Pieces/Hour	60-80 Pieces/Hour	60-80 Pieces/Hour	60-80 Pieces/Hour	60-80 Pieces/Hour
LONG SIDE BRUSH	4PCS	4PCS	4PCS	4PCS	4PCS
SHORTSIDE BRUSH		2PCS	4PCS	4PCS	4PCS
ROOF BRUSH	1PCS	1PCS	1PCS	1PCS	1PCS
DRY BLOWER		1SET	1SET	2SET	1SET
WHEEL BRUSH	Purchase on Selection	Purchase on Selection	Purchase on Selection	Purchase on Selection	Purchase on Selection
DRYBLOWERSYSTEM	Purchase on Selection	Purchase on Selection	Purchase on Selection	Purchase on Selection	1SET
HIGHPRESSURE WET KNIFE	Purchase on Selection	Purchase on Selection	Purchase on Selection	Purchase on Selection	Purchase on Selection
CHASSIS WASHER	Purchase on Selection	Purchase on Selection	Purchase on Selection	Purchase on Selection	Purchase on Selection

Tunnel car wash functions descriptions

TEPO-AUTO tunnel car wash computer control systems is PLC control systems that each function is controlled by a separate contact. This systems has high work stability, high accuracy, safe and noiseless etc advantages



Computer control systems

1. Mitsubishi PLC controller compose its computer core part.
2. It adopt Schneider Intermediate controller to finish the cohesive work.
3. Autobase use its unique overload protection and leakage protection device to achieve all the features work safety.
4. All low voltage electrical control system uses a 24V power supply to protect all control components.
5. If a single function fails, central alarm system will display.
6. The entire system has a powerful transformer and voltage regulator device, to provide a stable voltage output for the entire system.
7. The overall alignment of the various functional is very clear, to facilitate the effective management of customers.
8. Brush washing system and transmission system uses a powerful frequency conversion to complete the work.
9. All the terminals will be code unify by Autobase and finished in accordance with CE certification standards
10. The zero line is connected to the ground to ensure the safety of the whole machine and control systems

Main structure frame systems

The main structure frame of the TEPO-AUTO Tunnel car wash is jointed by split pieces , the frame support the whole machine running and protect other systems ,also it saves cost of building other house. It is nice, safe, and practical.

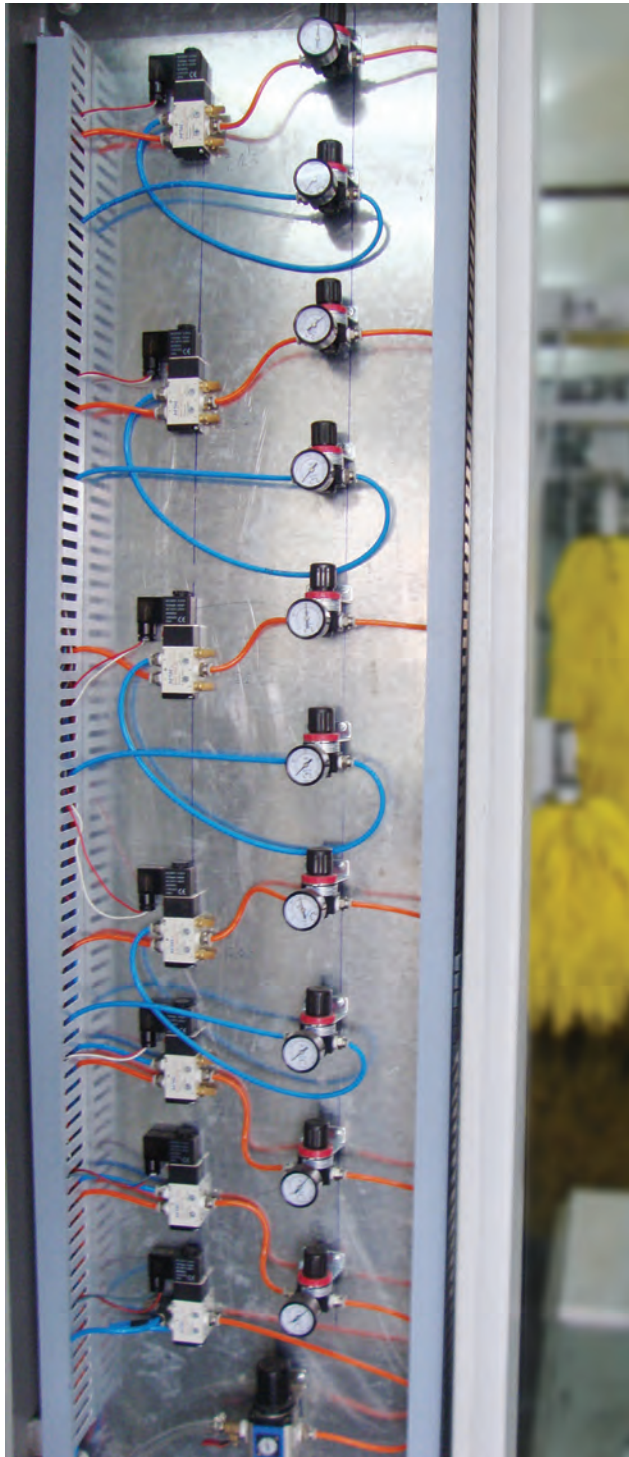
Introductions

1. It is made of 3mm thickness reinforced steel
2. It uses CNC manufacturing process flow line production, each part of the structure is machined precision. When ensure the technology also reduce the failure rate.
3. All the welding uses CNC precision to ensure all the welding reach TP68 protection degree
4. All the metal part are done with antirust, galvanization, coating treatment. TEPO-AUTO metal adopt 450 degree low temperature hot zinc galvanization to achieve the best anti-corrosion effect and can get 20 years of anti-corrosion ability.



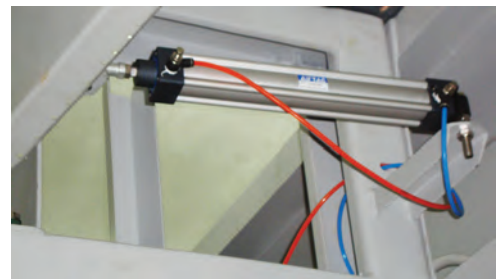
Tunnel car wash pneumatic control system

TEPO-AUTO tunnel car wash equipment pneumatic control system uses Autobase patented technology, with a clear arrangement, oil and water separation, pressure regulator, system testing, and other fully automated features. It has advantages such as work stability, easy maintenance etc. Pneumatic control system is placed at the sealed box in the tunnel car wash.



Pneumatic control system

1. All pneumatic pipelines use high strength UPVC composition.
2. Uses high-precision solenoid valve for controlling single-function.
3. Pressure detection device of single function uses adjustable principle to control the corresponding part, such as open and close of the small side brush
4. All the Pneumatic interface part uses dedicated device to keep the safety of equipment operation.
5. All of the pneumatic system have speed and pressure adjustment functions to ensure the smooth movement of the equipment.

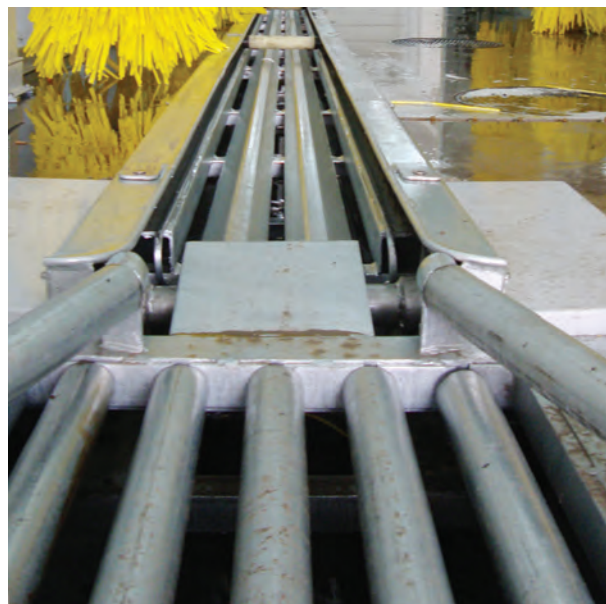


TEPO-AUTO Tunnel car wash conveyor systems

TEPO-AUTO tunnel washing machine conveyor system is patented product which Autobase company specializing in, the whole system has smooth running, strong and practical advantages.

conveyor systems

1. It is made of 5mm thick reinforced steel, also equipped with the wheel alignment device.
2. It is equipped with vehicles corrector device.
3. It adopts strict hot galvanizing , and its corrosion resistance ability can reach up to 20 years.
4. This kind of conveyers can hold tire with a maximum diameter of 33 cm.
5. The dragging devices is consisting of reinforced high-carbon steel chain
6. The dragging wheel adopt both the nylon and the steel, it can achieve noiseless and work stability.
7. The drive shaft and gear is made by reinforced high carbon steel and its life span is up to 35years.
8. The whole systems adopts wheel protection device and Preventing derailed device.
9. Tires running adopt dual trapezoidal design, effectively ensuring the minimum resistance when the car is moving
10. It equips the checking port for the chain maintenance.
11. The whole systems is manufactured adopt Separate type, which facilitate the transport greatly.



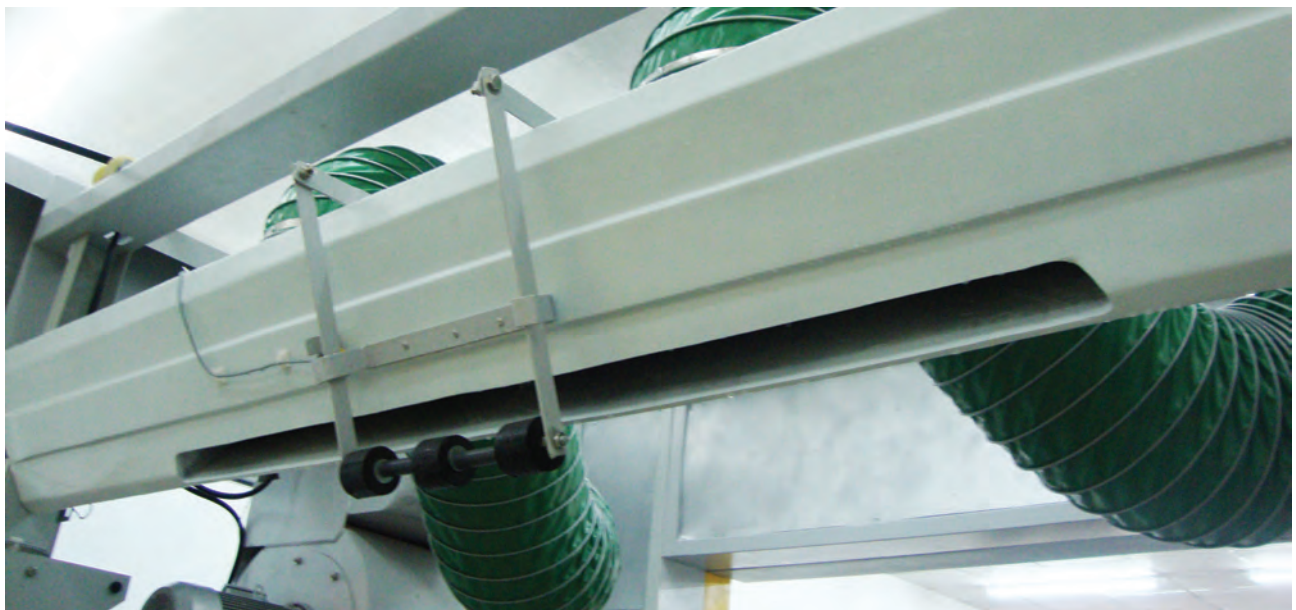
TEPO-AUTO tunnel car wash air drying systems

The noiseless air drying systems of TEPO-AUTO Tunnel car wash is designed and manufactured by Autobase proprietary technology it has advantages such as power wind , durable structure etc. The whole structure is designed according to the profile of the car and the tuyere uses light weight non-metallic material to make sure the surface from damage effectively. The working noise of the whole systems is less than 60db. In the global car wash industry. The dryer has the minimum power but the best drying effect.



Air drying systems

1. The Top Air dry system adopts multiple security measures to achieve effective dry effect for cars. The weight of air dry system doesn't not exceed 35 kg.
2. Top air dry system adopt the separate manufacturing way of fan and outlet, which can effectively guarantee the safety of equipment work.
3. The whole system adopts 4 sets 3.7Kw high quality motors.
4. Tuyere device is designed and manufactured by Autobase independently , which has the largest wind speed, strong air pressure and other characteristics, and keeping no resonance when working.
5. Fan frame structure connects with equipment main frame structure completely, which guarantee the system stability effectively and save the space effectively.



Tunnel car wash high pressure spraying systems

TEPO-AUTO tunnel washing machine high pressure water spraying system adopt swinging in line type spraying devices, guarantee even pressure when washing vehicle pressure and wide spraying area effectively, the whole system have advantages such as work stable, practical, and work without noise etc.

High pressure water spraying systems

1. High pressure water spraying device is made of precision stainless steel, greatly improves the work stability and preservation requirements, and nice profile, fine manufacturing structure.
2. The swing device is made of by-link, greatly improve the operation stability.
3. The swinging device adopt 0.37Kw the driving motor to complete the work.
4. The swinging device adopt driving structure.
5. It adopt 5.5Kw stainless steel water pumping system.
6. High pressure water pipe adopt high strength water pipe.



Chassis cleaning systems

TEPO-AUTO Tunnel car wash chassis wash clean the vehicles chassis effectively with working pressure up to 25kg, the spray nozzles spray water in a fan-shaped profile to wash the under carriage completely.

Wax, detergent, water spraying system

The wax and detergent spray systems of TEPO-AUTO Tunnel car wash systems adopt siphon principle, it has advantages such as even spray, work stability. Also It can coordinate the brush systems and air drying systems timely and effectively.



Wax and detergent spraying system

1. It is controlled by precision solenoid valve.
2. Wax and detergent works independently
3. Spray effective is very good.
4. All the pipes are made of UPVC
5. The concentration of the wax and detergent can be matched by the customers.



Side brush systems

Side brush:

The side brush of the of TEPO-AUTO car wash designed and manufactured by AUTOBASE patented technology. It can wash the front and rear end of the vehicle effectively ,The whole system has stability, high security etc advantages

Side brush

1. It can achieve wrap-cleaning.
2. It can be adjusted automatically according to its shape of the car when washing.
3. With the maximum swing angle of 20 degrees, realizing a full range of cleaning including the glasses.
4. It is manufactured using reinforced swing arm, makes the side brush work more effective.
5. The brush wash very soft without noise when working
6. It adopts double safety protection measures
7. The motor driven systems is top mounted.



TEPO-AUTO Tunnel car wash brush systems

Top brush:

Horizontal brush: TEPO-AUTO Tunnel car wash horizontal brush is manufactured and designed for the top surface of the vehicles. The whole systems has work stability and high sensitivity advantages



Top brush

1. Multiple security measures is taken.
2. Swinging angle design principle is taken.
3. It can be lift and dropped according to the car profile.
4. It has a good cleaning effect of the car.
5. The lifting gear is completed by computer control, lifting connecting device is consisting of automobile safety belt and driving belt and guarantee the safety of washing cars effectively
6. The class of protection IP68

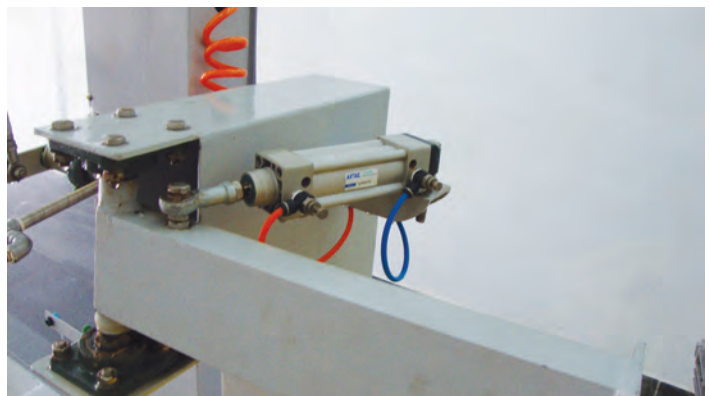
TEPO-AUTO Tunnel car wash brush systems

Small brush:

The small brush working systems of TEPO-AUTO Tunnel car wash is manufactured in tilting block, it can protect the vehicles' side bottom cleaning. It has advantages such as large cleaning area, work stability, good cleaning effective etc.

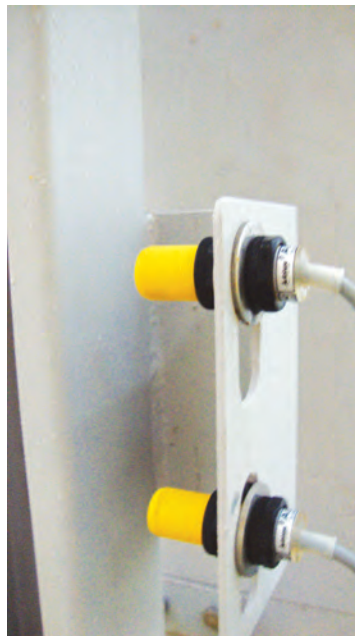
Small brush

1. The whole structure of the frame is made of reinforced steel.
2. Adopt 0.37Kw driving motor.
3. It can adjust of the width of the car automatically.
4. Even Cleaning pressure



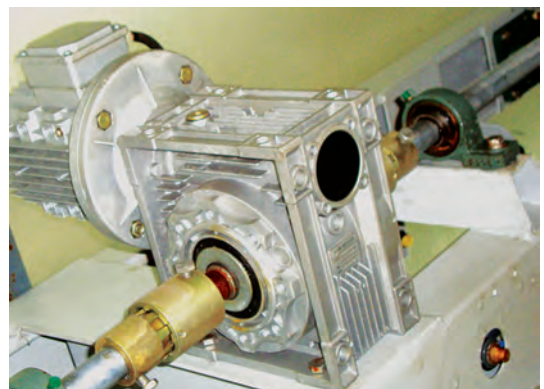
Tunnel car wash- safety protection systems

TEPO-AUTO tunnel-type car washing machine is completed by Autobase independent controllers. This system has advantages such as high sensitivity, high precision, waterproof, work intensity, anti-interference ability, wide operating temperature range and other characteristics, It can achieve all the working device effective protection, protection class is up to IP65.



Tunnel car wash- Motor and reducer

All the Motor and reducer of TEPO-AUTO tunnel car wash adopt Autobase brand, and protection class is up to TP-56, with advantages such as strong work stability, noiseless when working, strong corrosion resistance. The whole motor and gear cover parts are made of magnesium alloy, the service life is up to 300,000 hours. All motors can realize 24 hours of continuous work.



Tunnel car wash optional function and device

TEPO-AUTO Tunnel car wash provide various additional features for the customer , also various cleaning requirements , if you need, Please contact Autobase sales consultant

Horizontal type wheel cleaning systems



1. The wheel brush is made of PE material, and the life span is for washing 200,000 cars.
2. It is equipped with high pressure water spray systems.
3. It uses pneumatic control systems to realize the level swinging work.
4. It is equipped with anti-bumping device.
5. It adopt 0.37Kw driving motor.
6. The main structure frame is made of high strength material.
7. It adopt high strength connecting device.

Tripe foam spray systems



1. The spray device is made of aluminium magnesium alloy.
2. It is made of three 0.5kw pump.
3. It can spray yellow, red, and blue color detergent.
4. The wax tank is made of PE material.
5. All the connection pipes is Autobase special pipes.

Wax and detergent



All wax liquid used by our company is neutral and imported with original packaging, which can protect car paint surface during car washing. It is promoted and used by the car washing industry because of the advantages such as abundant and exquisite foam, excellent lubricity, neutral formula, and inexpensive cost, etc.

Tunnel car wash optional function and device

Swinging high pressure water spraying systems



TEPO-AUTO tunnel system high pressure water spraying systems adopt linear spray, effectively ensuring a balanced pressure and wide area. The whole systems has advantages such as working stability , high practical , and noiseless when working etc.

The air drying systems



The noiseless air drying systems of TEPO-AUTO tunnel car wash equipment is designed and manufactured by Autobase proprietary technology, It has advantages such as good work stability , powerful air drying , good structure durability etc., the whole structure is designed in the shape of the vehicle, and the tuyere is made of light weight non-metallic material, effectively guarantee the vehicle surface damage. The noise of the whole system is less than 60 decibels.

Wheel waxing systems



TEPO-AUTO Tunnel car washing is designed and manufactured by Autobase 1.proprietary technology, it has work stability and good waxing effective advantages.

1. The contacting part with the wheel is made of high-density foam.
2. It is equipped with special wax spraying device.
3. It is made of one set 0.5kw wax pump.
4. It can be controlled automatically.
5. The main structure frame work stable.
6. It uses 0.37kw driving motor.
7. It adopts horizontally swinging work principle.
8. It has no noise when working.

Swinging type wrapping systems



TEPO-AUTO tunnel system high pressure water spraying systems adopt linear spray, effectively ensuring a balanced pressure and wide area. The whole systems has advantages such as working stability , high practical , and noiseless when working etc.

1. The wrapping material adopts special textile materials and it has good water absorptivity
2. It uses 1 set 0.75kw driving motor.
3. The swinging structure of the whole systems adopt Crank-type work principle.
4. The wrapping rate can reach at least 95%.
5. It has no noise when working.
6. The brush life span is at least 400,000

Sewage Treatment System

AUTOBASE Sewage Treatment Equipment combines the characteristics of cost effectiveness and novelty and even uses no flocculating agent during water circulation through filtering, which can form ideal treatment effect. Auto wash is an important breakthrough of water treatment system whose novel system fills up the blank that physical water circulation uses no chemical additive completely. The process water completely complying with the car cleaning requirements can be obtained by using the system. Any dirt particle in the dirty water can be filtered and removed effectively so that the cleaning water can be recycled completely. The pure biologic water treatment system is based on Bio film process and is the best method recognized for treating car cleaning system.

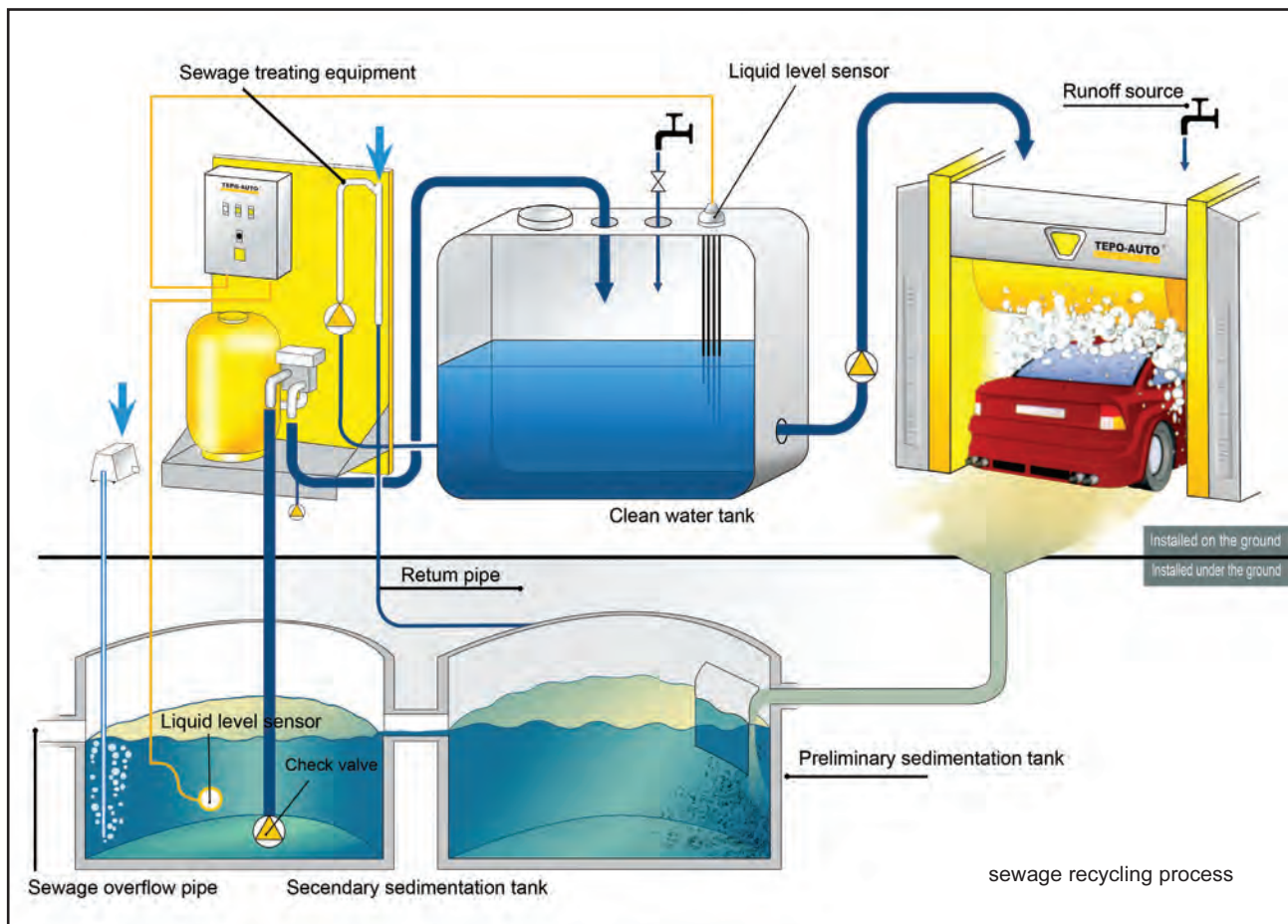


The design can maximize the conformity to the requirements of treating the water from the system and any other sewage.

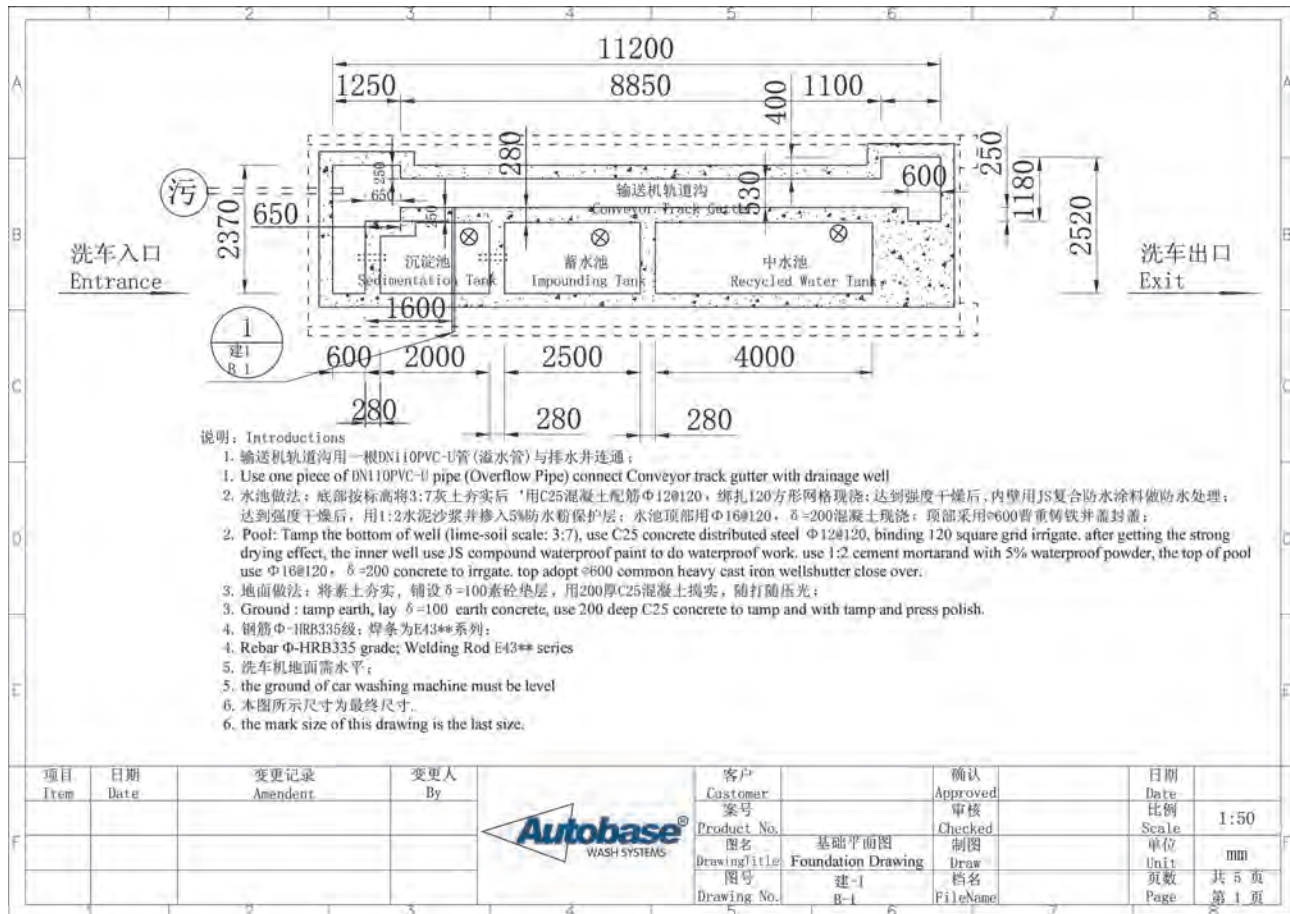
No matter the sewage from the car washing equipment or from the self-service equipment or the factory, AUTOBASE sewage treatment system can recycle the water reliably even through the sewage contains much hydrocarbon. It can also apply for the car wash with 1200-8000 washes/month.

Feature

1. It needn't collecting pool or facility with large volume. It does the filtering ,suspending and biological treatment work in a tank.
2. Sludge treatment is simple. Non-error, completely recycled and non-drainage.
3. The effect of discoloration and filtering is perfect. It can filter the negative ion surfactant thoroughly.
4. It can save manpower dues to fully automatic control system.
- 5.Simple operation, convenience maintenance, easy installation and move



Tunnel car wash installation requirements



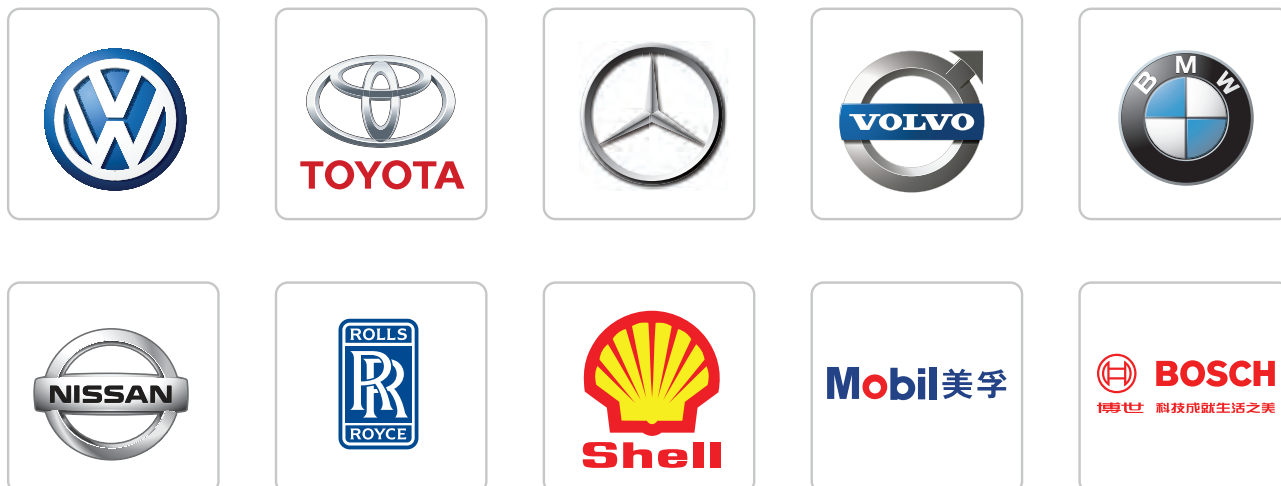
Tunnel car wash engineering construction acceptance and inspection of civil:

1. The concrete of the ground where the machine will be installed shall be solidify fully, the ground shall be level and the surface shall be smooth.
2. The concrete grade needs certain strength (bearing capacity of 500kg / m²)
3. All the size of the sewage tank, clean water tank and conveyor shall be accurate and the board shall be straight without flawless.
4. The feed water pipe of the clean water tank (feed water pipe) shall be unobstructed, also the mechanical or electronic water level controller is required to be installed.
5. The drainpipe reserved under the sewage tanks shall be connected with the municipal sewer, the diameter of the pipe shall be not less than 100mm. And insulation measures need to be considered in winter.
6. Check the reserved water intake fitting and back water fitting required for the sewage treating equipment to see if they are conformed. Check the feed water pipe connect the water treating equipment and cleaning water to see if it is conformed
7. The pipe connected the feed water pump and the clean water tank shall be unobstructed, also the check valve needs to be installed.
8. The main power supply shall be lead to the specified site. And the cable diameter and quality shall meet the requirements of this car wash.
9. The air supply shall be ready before installation.
10. The tools and equipment requested for the installation shall be ready before installation.
11. The car wash site shall be cleared before installation.
12. Weather the civil engineering by the customer has error with the our standard (Autobase require the error shall not exceed than 3mm)
13. The clean water, sewage water and car wash site shall be done the waterproof.

The machine can be installed after checking the above work

Global partner and part of the customer case

TEPO-AUTO Double washing machine brand since its inception, more than 60 countries in the use of more than 3,000 customers. We welcome you to join! The following is the Double washing machine case some of the world customers and partners.

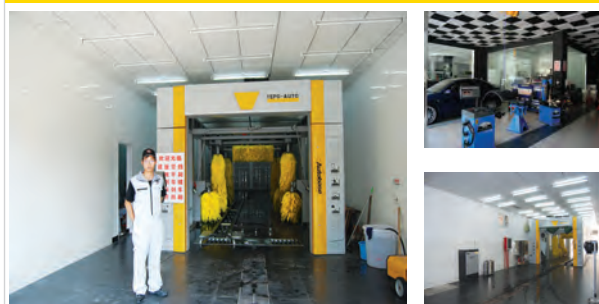


TEPO-AUTO car wash machine in Thailand



Model:TP-901 Year:2007

TEPO-AUTO car wash machine in Japan



Model:TP-901 Year:2006

TEPO-AUTO car wash machine in Nissan



Model:TP-901 Year:2006

TEPO-AUTO car wash machine in Beijing



Model:TP-901 Year:2005

TEPO-AUTO car wash machine in Iran



Model:TP-1201-1 Year:2006

TEPO-AUTO car wash machine in Myanmar



Model:TP-1201 Year:2006

TEPO-AUTO car wash machine in Fujian



Model:TP-901 Year:2010

TEPO-AUTO car wash machine in Ordos



Model:TP-701 Year:2005

TEPO-AUTO car wash machine in Africa



Model:WF-501 Year:2007

TEPO-AUTO car wash machine in Volkswagen



Model:WF-501 Year:2005

TEPO-AUTO car wash machine in Shenyang



Model:TP-901 Year:2008

TEPO-AUTO car wash machine in Turpan



Model:TP-700 Year:2009

TEPO-AUTO®



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