



Autobase[®]
WASH SYSTEMS



TEPO-AUTO of Autobase full serial products

The TEPO-AUTO by AUTOBASE is one of the most marketable brands. Our equipment is exported to over 80 countries and districts throughout the world. Our success is the result of over 20 years experience in professional production and manufacturing. Our every progress extends the value of our level of support to you! We have an impressive product line of vehicle washing equipment integrating similar components throughout. Our strategy should position TEPO-AUTO WASH SYSTEMS to be an industry leader in the international development of vehicle washing equipment for many years to come.



Sewage treating equipment

The biomembrane sewage treatment equipment launched by TEPO-AUTO WASH SYSTEMS is constructed of stainless steel. This launch symbolizes our company's entry into the highest technology of sewage treatment equipment. The system integrates a powerful and stable pump system for hot and cold water guaranteeing most effective treatment.



AUTOBASE-Service

AUTOBASE has launched AUTOBASE CAR CARE franchising services to our global clients. Additionally, we have launched CAR DECORATION WORLD franchising services for car decoration and auto detailing in 2008.



Rollover Car Wash

The classid design for TEPO-AUTO Rollover Car Wash symbolizes the glamorous design, effective washing power and ease of maintenance of our complete line of products. Our rollover wash is most suitable to both operators and customers due to easy to understand functions and convenience in maintenance due to use of standardized components.



Tunnel Car Wash

TEPO-AUTO has developed one of the most productive and efficient mini-tunnel car wash models in the industry. Of course, it can be complete customized according to wishes and demands of the operator. The mini-tunnel meets the demand highest output wash facilities. The ease of our single control for each function is a feature popular to our customers.



Bus & Truck Wash

The launch, in 1995, of the Rollover Bus & Truck Wash, has broken the monopolistic hold in this field in the European and American counties. TEPO-AUTO gained favor of global clients with it's stainless steel construction, effective wash power and ease of care. This model is remarkable for the stable work, high safety and long life. TEPO-AUTO is not exporting these to over 50 countries.

TEPO-AUTO Product Catalogue

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TEPO-AUTO-Automatic Rollover Car Wash



Model

1. Steel main frame 1 set
2. Steel walking track 1 set (10 meters)
3. Computer control system 1 set
4. Pneumatic control system 1 set
5. Equipment walking driving system 2 sets
6. Steel column cable support 1 set
7. Long vertical brush washing system 2 sets
8. Short vertical brush washing system 2 sets
9. Horizontal brush washing system 1 set
10. Profile — modeling air dry system 1 set
11. Feed water pump 1set (submerged type)
12. Wheel brush device 2 sets
13. Chassis washing device 1set
14. Detergent spray device
15. Liquid wax spray device

● Standard function

○ Optional function

WF-500	WF-501	WF-701
●	●	●
●	●	●
●	●	●
●	●	●
●	●	●
●	●	●
●	●	●
●	●	●
●	●	●
○	●	●
●	●	●
○	○	●
○	○	○
●	●	●
●	●	●

TEPO-AUTO-Rollover Car Wash

TEPO-AUTO, as a result of our commitment to fulfill the global demand to develop and supply quality washing equipment, has established a world-wide first class research and development center. Every year, the center continuously launches new products with new functions and advanced ideas to the market through an excellent combination of traditional production skills and modern scientific technologies. TEPO-AUTO, therefore, contributes strength to the innovation of the cleaning equipment industry. The Rollover model WF-501 has captured sales volume far ahead of our expectations. This model is considered by the industry to sport the most classic design, reasonable layout, and classic color scheme.

This series is the main model of our company to date

Description of the basic functions

- It can provide trouble-free operations 24 hours a day.
- The big diameter wheel brush can provide optimum cleaning for each wheel hub.
- For best cleaning power, side brushes automatically locate vertically and contour car shape on second pass.
- The abundant foam helps remove dirt, grime and road film for the cleanest possible car surface.
- The Rollover model offers a variety of cleaning choices to customize the wash experience to local weather and environment characteristics.



Description of the basic functions for WF-501 Rollover Car Wash



TEPO-AUTO is equipped with cotton/foam brushes crafted to global standards and used in production lines of Honda, Toyota, Benz, BMW and Hundai. The brushes feature low noise, 370 thousand car lifetime, high washing strength, and damage free to lacquer surfaces.



TEPO-AUTO's horizontal brush assembly is designed for optimum cleaning of stream lined shape of vehicle. The balanced friction not to exceed 5 lbF of pressure guarantees safety and comfort. There are no missed spots and no dead angles when washing with TEPO-AUTO WASH SYSTEMS.



Unique to TEPO-AUTO, the dryer motor and twyer are have been separated safe design and reduced equipment wear. TEPO-AUTO is among the first to integrate this design into their equipment but it's gaining attention from the trade and more will show up on the market in years to come.



The vertical brush washing system, designed by TEPO-AUTO has exceeded our standard for wash effectiveness. It's sensitive to avoid excessive pressure to rear view mirror and is designed to slant up to 25 degrees to follow side contour of vehicle providing maximum cleaning effectiveness.

Description of the basic functions for WF-501 Rollover Car Wash.



Small brush

The small vertical brushes are designed for washing the rocker panel. It is designed to slant up to 20 degrees allowing it to wash areas that are unseen extending even to the underneath side of bumper. Ultimate in washing effectiveness and safety make this a sought after design.



Long side brush

The "mirror image" side brushes are designed to wash the vehicle's front and rear, left and right vertical surfaces. The pneumatic controller moves the brushes left and right in parallel motion with pressure not to exceed 5 lbF. The rollover wash will accommodate a vehicle up to 7'2" in height, 7'6" in width and 18'6" in length.



Horizontal brush

The horizontal and vertical brushes work in concert for effective cleaning of all vehicle shapes. A slight overlap of the horizontal and vertical washing surfaces provide a wash free of dead angles. TEPO-AUTO is constantly pursuing perfection in car washing results.



Air drying

TEPO-AUTO is the first in the world to offer this design in vehicle drying. The two blowers are separated from the three twyers to provide maximum drying effectiveness, minimum equipment wear and maintenance and lowest energy cost. The design indicates the maturity of TEPO-AUTO engineering and design in the field of vehicle washing.



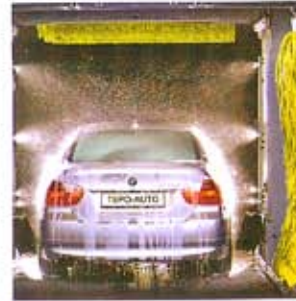
Chassis washing systems

The TEPO-AUTO undercarriage washing system removes dirt underneath the vehicle with an independent pumping system controlled by the car wash computer. The unique chassis washing system sprays water at over 700 PSI and washes underneath area with a spraying system that is 70" wide and 16'4" long.



Wheel brushes systems

The TEPO-AUTO wheel washing brushes are made of pentacle PE material with a length of 6 inches that can wash a wheel hub with a maximum diameter of 18 inches. It can reach an extension to nearly 12 inches to the wheel hub controlled with a far-infrared position and scanning system.



Wax liquid spraying device

All detergent and wax spraying applications utilize siphon technology controlled by the client. It features working stability and even spraying. The same technology TEPO-AUTO washing system models sold world-wide.



Car Washing house

TEPO-AUTO WASH SYSTEMS offers its clients turn-key manufacturing of a Washing House. This is the building in which the car wash equipment is installed. The recommended size of this building is 39'4" long by 19'7" wide by 11'6" tall. It is suggested that durability, economy, heat preservations and aesthetics of the house be considered as priorities for such a structure.

TEPO-AUTO Rollover Car Washing equipment

The functional design of the TEPO-AUTO Rollover Car Wash System has reached international standards and all products have gained the CE quality designation. Among the TEPO-AUTO Car Wash System advantages are low energy consumption, logical configuration and is more practical than most other rollover car wash brands on the market. Customers' desires are the foundation of our development and TEPO-AUTO can supply the most appropriate system. The system is attractive, trustworthy and cost effective. TEPO-AUTO is proud of their progressive technology and high-vision concept.

Description of the basic functions for WF-501 Rollover Car Wash



High Pressure Turbo fan

The inner style air dryer of the Rollover Car Wash wins praise from both domestic and international clientele. The air deflector and other design elements produce an experience that is quiet yet is efficient both in cost of operation and quality of work.



Twyer Infra-red Magic Eye

TEPO-AUTO installed three pairs of infrared controllers to guide the top dryer twyer. The redundant system provides increased security and scan accuracy for all car models. The effectiveness of the twyers allows the equipment to retain a safe distance from the vehicle surface.



Vertical Brushes Driving Gear

This sophisticated yet simple equipment includes an independent driving trolley, drive motor, DIFF, flange, driving robot and air cylinder. The equipment can swing 20 degrees in any direction according to the washing requirements. The metal has an anticorrosive treatment allowing 10 year lifetime.



Driving Gear

TEPO-AUTO Rollover Car Wash driving gear is designed to be low maintenance and easy and convenient to service. It's easy to work on, allows the convenience of overhaul and has an anti-corrosive treatment extending the effective live to at least 15 years.



Horizontal swing device

The TEPO-AUTO horizontal lifting device allows controlled angle tilting. It works controlled tangent pressure between brush and car body and a limit switch to provide the best washing effect. This component will not be replaced for the life of the roll over car wash equipment.



Horizontal brush drive motor

The horizontal brush assembly utilizes a .37kw mini motor with a differential mechanism with a 1:15 speed ratio. This design assists in optimum cleaning yet is quite energy efficient. All connecting parts are general components. This is another component that should not need to be replaced for the life of the wash.



Computer control system

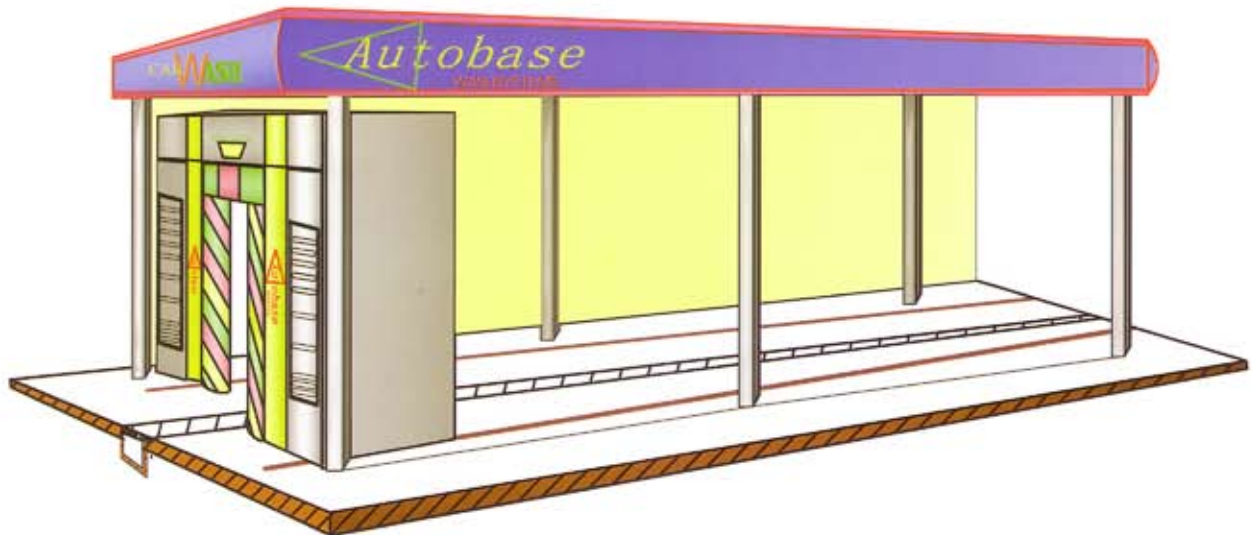
TEPO-AUTO's electronic control system integrates a programmable controller by Germany's Siemens and low-pressure protection device by French Schneide. The system is made very precisely and is famous for the simple, practical and convenient advantages. This system has received significant global acclaim.



Pneumatic control system

The pneumatic control system in comprised of a pressure gauge, air pressure valve, pressure adjusting valve, oil and water separator, cylinder, etc. This system is designed for operations of the horizontal brush lifting and balancing and vertical brush operations.

TEPO-AUTO-WF-501 Rollover Car Wash effect drawings



Remarks:

1. The appearance dimension of this equipment is 2.25m long, 3.8m wide and 3m high. Length of track is 10m.
2. The room for the Car Wash should reach the net dimension of 12m long, 5.5m wide and 3.5m high.
3. The distance to the wall is 0.5m and 1.2m on the left and right sides after finishing installation.
4. The equipment needs two water cisterns: one is for waste water cistern and the other is for clean water cistern.
5. The equipment needs the power of 16KW and electric current of 25A.

TEPO-AUTO
AUTOBASE WASH SYSTEMS

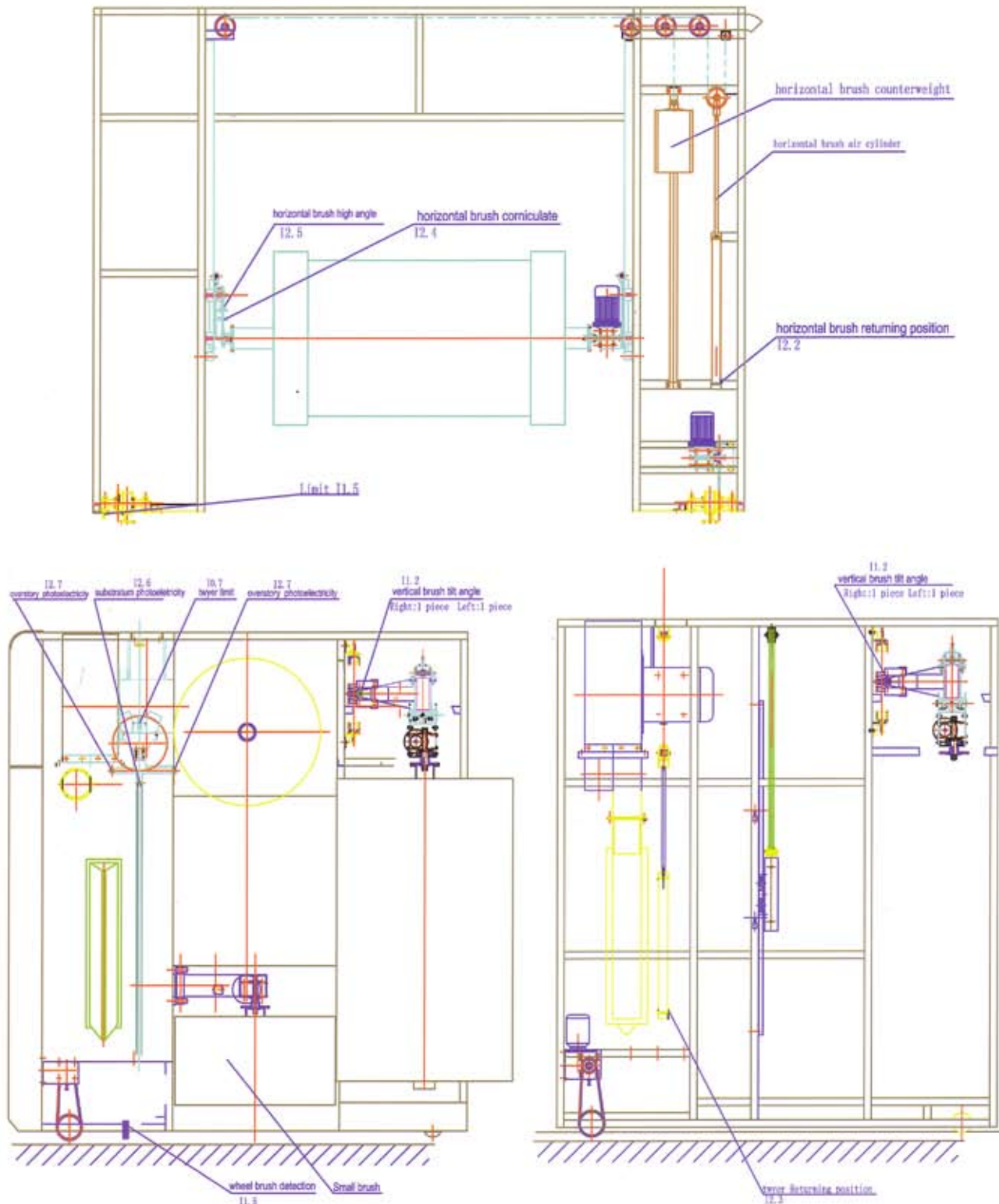
Specification of TEPO-AUTO- Rollover Car Wash

MODEL	WF-300	WF-500	WF-501	WF-701	WF-800
DIMENSIONS	(L) × (W) × (H) 200×380×300cm	(L) × (W) × (H) 225×380×300cm	(L) × (W) × (H) 225×380×300cm	(L) × (W) × (H) 225×380×300cm	(L) × (W) × (H) 225×380×300cm
CAPACI TY	550×225×210cm	550×225×210cm	550×225×210	550×225×210cm	550×225×210cm
RAIL LENGTH	1000cm	1000cm	1000cm	1000cm	1000cm
OPERATIONAREA	1100×400cm	1100×400cm	1100×400cm	1100×400cm	1100×400cm
ELECTRICITY	380V/3 PHAXE	380V/3 PHAXE	380V/3 PHAXE	380V/3 PHAXE	380V/3 PHAXE
POWER	5Kw	6Kw	16Kw	17Kw	19Kw
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) 12Kg/Piece(Recoverable)	90Kg/Piece (Nonrecoverable) 12Kg/Piece(Recoverable)	90Kg/Piece (Nonrecoverable) 12Kg/Piece(Recoverable)	90Kg/Piece (Nonrecoverable) 12Kg/Piece(Recoverable)	800Kg/Piece (Nonrecoverable) 12Kg/Piece(Recoverable)
WASH SPEED	30 Pieces/Hour	30 Pieces/Hour	30 Pieces/Hour	30 Pieces/Hour	30 Pieces/Hour
LONGSIDE BRUSH	2 X PCS	2 X PCS	2 X PCS	2 X PCS	
SHORTSIDE BRUSH		2 X PCS	2 X PCS	2 X PCS	
ROOF BFUSH	1 X PCS	1 X PCS	1 X PCS	1 X PCS	
DRY BLOWER			1 SET	1 SET	1SET
WHEEL BRUSH	Purchase on Selection	Purchase on Selection	Purchase on Selection	2 X PCS	
HIGHPRESSURE WET KNIFE	Purchase on Selection	Purchase on Selection	Purchase on Selection	Purchase on Selection	1 SET
CHASSIS WASHER	Purchase on Selection	Purchase on Selection	Purchase on Selection	Purchase on Selection	Purchase on Selection

ARKS: the above mentioned are standard dimensions, which depend on customers' demands. The company reserves the right to modify them for designing and functional requirements.

Rollover Car Wash functional layout drawing

The rollover wash system by TEPO-AUTO is famous for the clean and reasonable design and layout. TEPO-AUTO's success in effective cost control while not sacrificing wash quality or equipment longevity has resulted in an affordable high-end car wash system. Our development is based on customer input and TEPO-AUTO's determination to exceed customer demands. Please refer to the illustrations below for general layout of wash system.



TEPO-AUTO- Tunnel Car Wash



Model

1. Steel-house main frame 1set
2. Steel conveyor walking track 1 set
3. Computer control systems 1set
4. Pneumatic control systems 1set
5. Steel column cable support 1set
6. Long vertical brush washing system 4 sets
7. Short vertical brush washing system 2 sets
8. Short vertical brush washing system 2 sets
9. Horizontal brush washing system 1set
10. Profile — modelling air dry system 1set
11. Feed water pump 1set (submerged type)
12. Wheel brush device 2 sets
13. Chassis washing device 1 set
14. Detergent spraying device
15. Liquid wax spray device
16. Rotary high pressure water spray system (spray device is made of stainless steel)
17. Horizontal type brushes washing system 2 sets
18. Roof of the Car Washing machine and roller shutter door, glass.
19. Swing type wipe dry system 1 set

● Standard function

○ Optional function

TP-701	TP-901	TP-1201
●	●	●
●	●	●
●	●	●
●	●	●
●	●	●
●	●	●
●	●	●
●	●	●
●	●	●
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○	○	○
○	○	●

TEPO-AUTO- Tunnel Car Wash

This is TEPO-AUTO's model TP-701 Car Wash. The effective length of the overall machine is 33 feet and has met the highest standards of the international client. The mini-type design plan, streamlined washing techniques and the small operating area have won the trust and praise of our customers. The washing power of a traditional tunnel wash has been compressed into the minimum length conserving space and applicable to replace an in-bay automatic. This is a practical solution to increase sales volume in a limited plant.

Description of the basic functions for TP-701 Tunnel Car Wash



Packaged washing device

Every washing component is designed and arranged according to the external shape of all vehicles using the TEPO-AUTO Tunnel Car Wash. We have achieved vehicle washing with no dead angles accommodating a wide range of vehicle styles and sizes.



Wax liquid spraying device

TEPO-AUTO's liquid was spraying device integrates a pneumatic control mode with the advantages of operating stability, even spraying, adjustable flow, convenient maintenance, etc.



Vertical brush washing device

The vertical brush wash device of TEPO-AUTO Tunnel Wash can adjust the washing angle automatically according to the vehicle shape. The maximum swing angle of 20 degrees meets the streamlines washing demands of even high-end vehicles.



Small brush washing device

For stubborn dirt, grime and road film, TEPO-AUTO has integrated twin rocker panel brushes that revolve in a 43" diameter. The effective washing height is 31.5" and length of travel is 17'9". This equipment can wash vehicles from 4'4" to 7'4" in height.



Small brush structure

The small brush structure is designed independently. The brush drive structure can swing up to 15 degrees making it better designed to wash the stubborn rocker panel, underneath side of bumper, tire and wheel hub completely.



Horizontal washing device

The horizontal washing device of TEPO-AUTO Tunnel Wash integrates a streamlined design that can wash the roof, front and rear of vehicle effectively. The design favored by our clients. The washing pressure of 5 lbF guarantees quality and perfect safety.



Vertical brush supporting structure

The vertical brush supporting structure of TEPO-AUTO accommodates an arm swing of up to 120 degrees. This flexibility assures optimum washing power to front, back and sides of vehicle with no dead angles and stable operations. This design has obtained many patents and is applied to all TEPO-AUTO series Tunnel Washes world-wide.



Wax liquid spraying device

The liquid was spraying device integrates a pneumatic overhead tank with a container of 12 gallons that can wash 1200 vehicles. Overall tank is welded of standard steel. Life of operations as long as 15 years due to the anti-corrosive treatment.

TEPO-AUTO-TP-901 Tunnel Car Wash



Description of the basic functions for TP-901 Tunnel Car Wash



TP-901 is the standard model of TEPO-AUTO Tunnel Car Wash. The straight-forward design, value and quality cleaning performance has aided TEPO-AUTO in achieving significant acclaim and success.



The strong and effective contouring design of our air-drying system has more than satisfied the demand of our the car wash customer. The roof dryer lifts with effective contouring of vehicle and minimum equipment stress.



Our excellent conveyor system can accommodate 600 vehicle every day. The length can be customized based on the needs of clients or can be equipped on the right to conform with the driving habits of various parts of the world.



The high pressure rotary water jet system developed by TEPO-AUTO is applied to all models. It is stainless steel construction and functions at nearly 2,200 to over 2,600 psi at a flow of approximately 33 gallons per minute. The operating noise is less than 15db. Operating voltage: 380V/3. Power: 7.5KW/50HZ.

TEPO-AUTO-TP-901 Tunnel Car Wash

Linear technology guarantees efficiency of the car cleaning system increasing the cleaning effect. The side and top brushes bring maximum cleaning time bumper to bumper. Even the shortest conveyor system blends maximum cleaning power and maximum profits for the operator because of the increase in washing capacity verses a roll-over system. Each component has the same design ensuring consistency and ease of care. Each brush has its own framework allowing you to choose the quantity and sequencing of vertical and horizontal brushes. Our design allows you unlimited flexibility in adding components as necessary. Our flexible controller accommodates the addition of components from other manufacturers.

Description of the basic functions for TP-901 Tunnel Car Wash



Lateral twyer

The side twyer device is welded of high-level steel and adopts streamline form design applied to all models of TEPO-AUTO Car Washes. Advantages include large air flow, low noise, small wind resistance and more.



Conveyor

Our conveyor's unique technology is constructed with an anti-corrosive treatment for extended operations trouble-free. Among the greatest advantages is it's the thinnest in-ground conveyor on the market, installed only 6.3" below the surface.



Main frame structure

All frames of TEPO-AUTO Tunnel Car Wash equipment are constructed of standard structural steel, acid etched, sandblasted, galvanized then treated for a life span of up to 15 years corrosion-free.



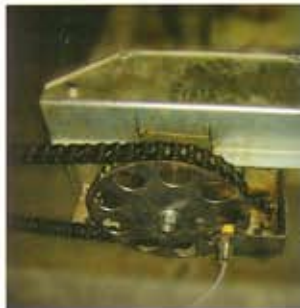
Roof twyer device

The roof twyer of the TEPO-AUTO Car Wash adopts the separation design, separating the twyer from the fan. This system provides for less stress on components and raise and lower the contouring twyer.



Driving wheel of the conveyor

All the driving wheels are constructed of wear-proof nylon material with a life span of at least 15 years. We've found this to be superior to steel construction thus we've integrated this into all tunnel series car wash conveyors.



Conveyor transmission gear

The transmission gear of the TEPO-AUTO Tunnel Car Wash has a signal and drive transmission function. It is equipped with a water-proof signal transmission gear to make functions accurate.



Horizontal brushes swing structure

Our horizontal brushes are unique to the car wash industry allowing the brush to both pivot and contour. The system allows for maximum cleaning power while causing less stress on equipment.



Horizontal short brushes

Our horizontal brushes are preferred by many operators. It's often the preferred method of washing the vehicle side and rocker panel.

Description of the basic functions for TP-901 Tunnel Car Wash



Cylinder of the short brushes

The short brushes' pneumatic drive gear adopts international standards. The components' application make the short brush satisfy requirements of different vehicle widths.



Infrared electric eye

The far infrared scanning system provides accurate signals for PLC. The 18 foot distance guarantees a safe distance between vehicles. Includes IP56 class waterproofing.



Brushes transmission gear

All transmission gears used in brushes are designed by TEPO-AUTO and earned the IP56 safety protection standard. Owners benefit from working stability and low noise.



Motor of the conveyor

TEPO-AUTO Tunnel Washes are equipment with a 2.2kw super motor with 1:40 differential cross pin. This motor has ample output to satisfy any tunnel car wash owner.



Clear water tank

TEPO-AUTO recommends a steel water tank with not less than 600 gallons capacity. This tank can be placed under ground according to the specifications of the client.



Detergent spraying nozzle

All detergent spray nozzles are designed and manufactured by TEPO-AUTO Car Wash. Each is equipped with an electronic valve to assure application is appropriate for quality washing.



Air dryer

The TEPO-AUTO Tunnel Wash dryer is made with four high-pressure turbine air blowers with a flow of 12.3 CF/M. The motors require a power only 4 kw and produces only 70 db of noise.



Limiting stopper

The contouring bar for roof dryer twyler has both an approach switch and a contact switch to assure both safe operations and excellent drying functionality.



Computer systems

All TEPO-AUTO tunnels feature the Siemens computer control system that simplifies ordinarily complicated functions. This assures a low failure rate and ease of both operation and maintenance.



Console

All TEPO-AUTO car wash models feature France Schneider mechanical control systems. This assures security, stability, safety, simple operation and clear, easy maintenance.



Protection chain of the wire

All wiring is housed inside special protective chain. This guards against breaking, excessive wear, fracturing and extruding.



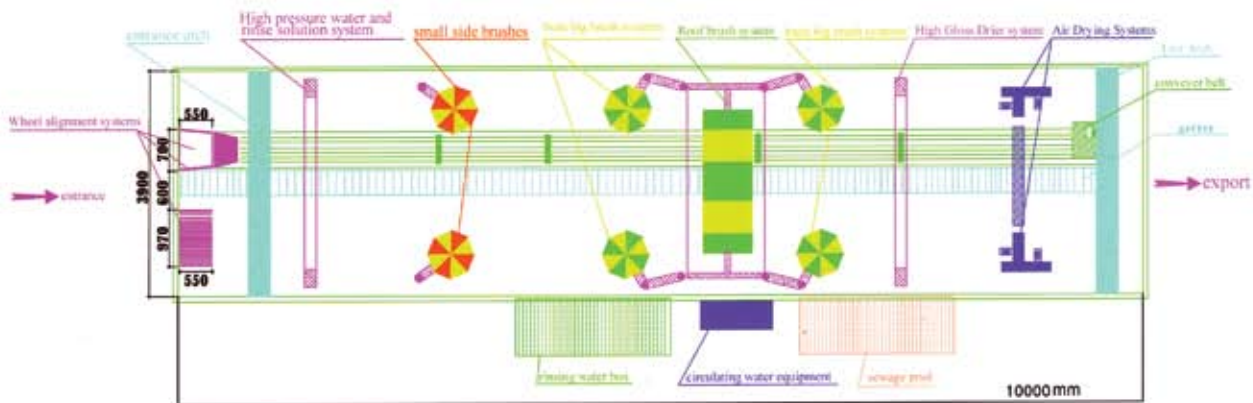
Limiting stopper of truck

The contouring dryer bar has limit switches both at top and bottom.

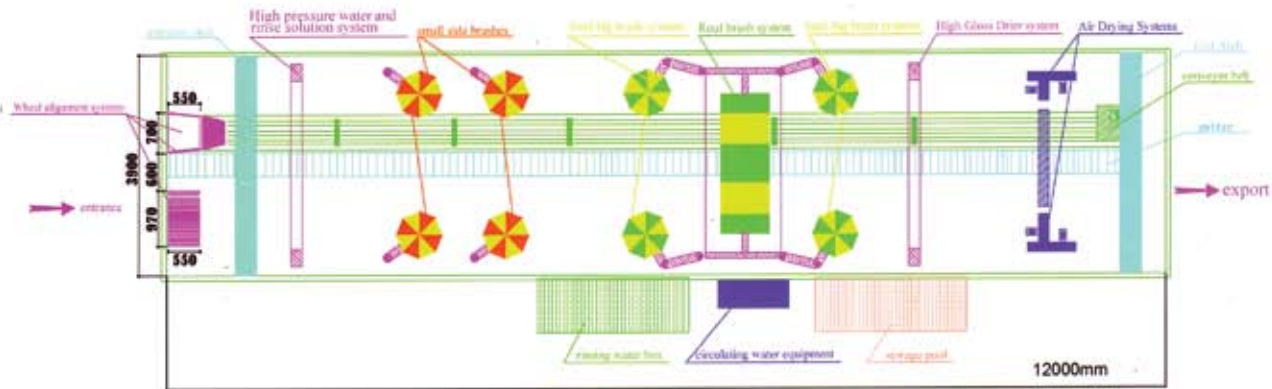
TEPO-AUTO-TP-901 Tunnel Car Wash

Our company can design and manufacture the washing equipment according to the practical conditions of the client to ensure the softest washing conditions as well as the safest and most stable technical support. Also, the brush systems are equipped with independent water spray nozzles in order to protect the vehicle surface.

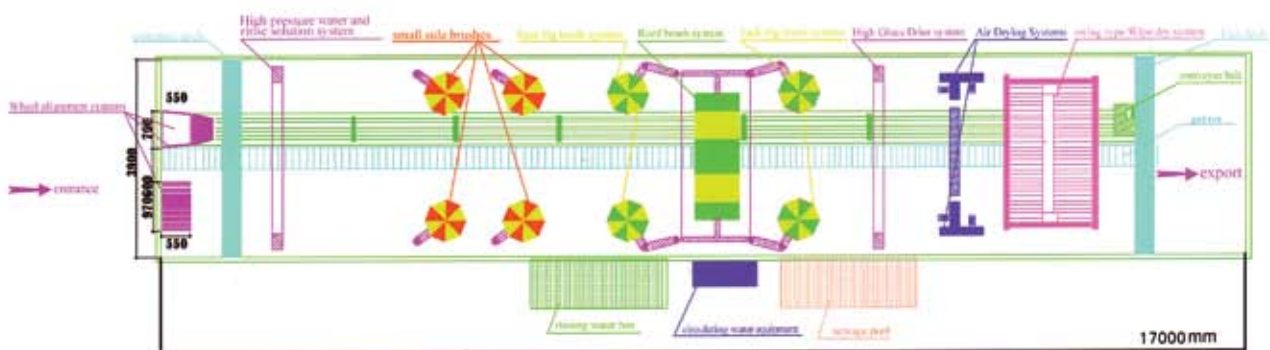
TEPO-AUTO-TP-701 Tunnel Type Car wash equipment plan



TEPO-AUTO-TP-901 Tunnel Type Car wash equipment plan



TEPO-AUTO-TP-1201 Tunnel Type Car wash equipment plan



TEPO-AUTO-TP-8000 High pressure no-touch tunnel wash



The description of Basic Function of TP-8000 Tunnel High-pressure Touchless Car Wash



Operators can choose 24/7 operations with confidence that equipment will work dependably and all functions will operate properly and vehicle will be washed as designed.



The France Schneider console helps provide safety and stability guaranteeing safe operations during the whole procedure.



The set up of TEPO-AUTO's high pressure tunnel wash saves limited space. It's design allows for easy access and maintenance to all components.



The widened galvanized conveyor guarantees high output at the car wash facility. This conveyor can accommodate tires as wide as 13.4" wide. They are able to meet washing requirements of large vehicles such as Hummer, Land Rover, Lincoln, etc.

TEPO-AUTO-TP-8000 High pressure no-touch tunnel wash

This wash is suitable for cleaning, hub cleaning, waxing, and drying of vehicles such as limousines, Jeeps, Microbuses etc. It can be equipped with undercarriage washing, and additional high-pressure water spraying system according to the customer's requirements. The equipment design conforms to customer requirements and will continually provide appropriate cleaning for different new vehicle styles.

Now you have more cleaning choices. The addition of TEPO-AUTO equipment to your facility will result in your wash gaining more market share. No matter which choice you make, whether friction or no-touch, TEPO-AUTO's innovative technology and supreme cleaning power will draw more customers to your facility.

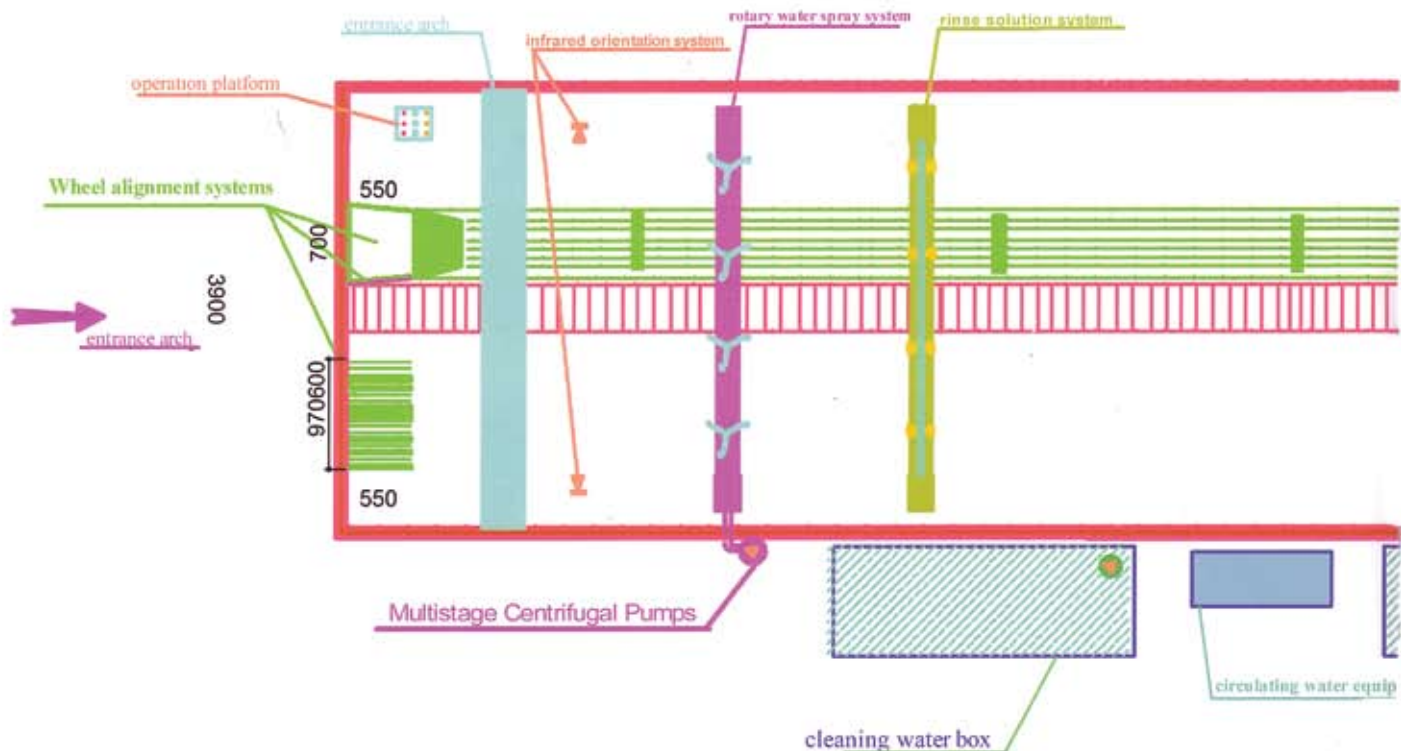


Powerful high-pressure cleaning: The side nozzles and top contouring nozzles will remove even the most stubborn dirt, grime and road film. Our unique design for high-pressure cleaning will clean parts most difficult to clean and do it effectively. This extra cleaning power is due, in part, to the 7.5KW water pump and the nearly 2,600 psi/45 to 84.5 gallons per minute.

The vehicle surface is clean and bright satisfying even the most discerning customer. Vehicles can, after cleaning, be wiped with a white cotton cloth without obvious stain. The vehicle exterior surface, trunk, windows and windshield have no obvious watermarks.

Our touch free automatic cannot cause damage to vehicle surface, paint, rubber seals and is environmentally friendly.

TEPO-AUTO-TP-8000-Tunnel



Description of the basic functions for TP-8000 High-pressure No-touch Car Wash



High-pressure Water spray

The rotating high-pressure water spraying system, designed by TEPO-AUTO are made of stainless steel, are maintenance free, have consistently trouble-free operations and are noiseless. Equipment is constructed for long-term trouble-free operations.



Air Drying System

The drying system, manufactured by TEPO-AUTO integrates proprietary technology and has won acclaim from clients throughout the industry. This system in part of all tunnel tough-free wash equipment.



Computer systems

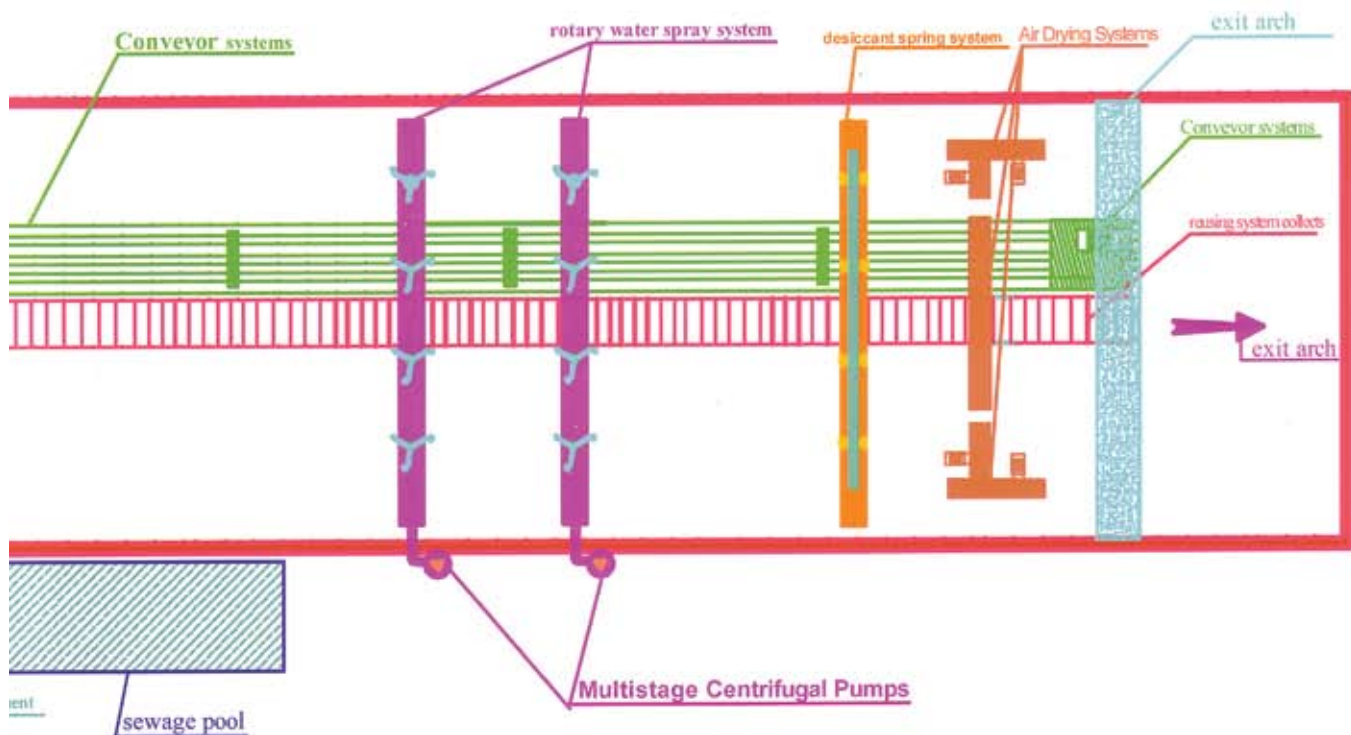
This system is equipped with a durable Siemens computer controlling system that enjoys a flawless reputation throughout the industry.



Pump station system

The three stainless steel high pressure pumps supply endless high-pressure washing through the use of 7.5 KW motors. This powerful system washes away even the smallest particles of sand, dust and dirt to get a gleaming no-touch result.

High-Pressure car wash equipment



Specification of TEPO-AUTO bus and truck wash

Specifications of TEPO-AUTO Tunnel Model

MODEL	TP-500	TP-701	TP-901	TP-902	TP-1201
DIMENSIONS	(L) × (W) × (H) 800×380×300cm	(L) × (W) × (H) 1000×380×300cm	(L) × (W) × (H) 1100×380×300cm	(L) × (W) × (H) 1300×380×300cm	(L) × (W) × (H) 1400×380×300cm
CAPACITY	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	1100×400cm	1200×400cm	1500×400cm	1550×400cm
ELECTRICITY	380V/3 PHASE	380V/3 PHASE	380V/3 PHASE	380V/3 PHASE	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	45 Pieces/Hour	45 Pieces/Hour	45 Pieces/Hour	45 Pieces/Hour	45 Pieces/Hour
LONG SIDE BRUSH	4 X PCS	4 X PCS	4 X PCS	4 X PCS	4 X PCS
SHORTSIDE BRUSH		2 X PCS	4 X PCS	4 X PCS	4 X PCS
ROOF BRUSH	1 X PCS	1 X PCS	1 X PCS	1 X PCS	1X PCS
DRY BLOWER		1 SET	1 SET	2 SETS	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

Specifications of TEPO-AUTO Bus and Truck Model

MODEL	TP-2700	TP-3500	TP-4200	TP-5000	TP-6500
DIMENSIONS	(L) × (W) × (H) 200×450×380cm	(L) × (W) × (H) 200×500×420cm	(L) × (W) × (H) 200×500×510cm	(L) × (W) × (H) 200×500×620cm	(L) × (W) × (H) 850×480×500cm
CAPACITY	(L) × (W) × (H) 1100×280×270cm	(L) × (W) × (H) 1500×280×350cm	(L) × (W) × (H) 1500×280×420cm	(L) × (W) × (H) 1500×280×500cm	(L) × (W) × (H) 2000×285×500cm
RAIL LENGTH	1500cm	2000cm	2000cm	2000cm	
OPERATION AREA	(L) × (W) 1700×600cm	(L) × (W) 2200×600cm	(L) × (W) 2200×600cm	(L) × (W) 2200×600cm	(L) × (W) 1500×600cm
ELECTRICITY	380V/3 PHASE	380V/3 PHASE	380V/3 PHASE	380V/3 PHASE	380V/3 PHASE
POWER	10Kw	11Kw	12Kw	13Kw	20Kw
WATER SUPPLY	4.5cm 2 x	4.5cm 2 x	4.5cm 2 x	4.5cm 2 x	4.5cm 2 x
WATER CONSUMPTION	450Kg/Piece (Nonrecoverable) 15Kg/Piece(Recoverable)	500Kg/Piece (Nonrecoverable) 15Kg/Piece(Recoverable)	500Kg/Piece (Nonrecoverable) 15Kg/Piece(Recoverable)	500Kg/Piece (Nonrecoverable) 15Kg/Piece(Recoverable)	1500Kg/Piece (Nonrecoverable) 15Kg/Piece(Recoverable)
WASH SPEED	12 Pieces/Hour	12 Pieces/Hour	12 Pieces/Hour	12Pieces/Hour	12 Pieces/Hour
LONG SIDE BRUSH	2 x PCS	2 x PCS	2 x PCS	2 x PCS	
ROOF BRUSH	1 x PCS	1 x PCS	1 x PCS	1 x PCS	
DRYBLOWER SYSTEM	Purchase on Selection	Purchase on Selection	Purchase on Selection	Purchase on Selection	Purchase on Selection
HIGHPRESSUREWET 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

MARKS: the above mentioned are standard dimensions, which depend on customers' demands. The company reserves the right to modify them for designing a functional requirements. If the length of the vehicles which be washed is longer than 15 meters, our company may lengthen the orbit circumference base your request.



TEPO-AUTO®

TEPO-AUTO Rollover bus and truck wash



Model

1. Main structural frame made of stainless steel (1 set)
2. Running track galvanized made of steel with the length of 20m (1 set)
3. Horizontal brush washing device with the diameter of 1.1m (1 set)
4. Vertical brush washing device (1 set on each side, 2 sets in total)
5. Computer control system (1 set)
6. 18m mobile lead frame and lead frame track (1 set)

TP-3500

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TP-4200

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TP-5000

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TEPO-AUTO Rollover bus and truck wash

Press the button of "CAR WASH." At that point, the water injection system begins to inject the water while the horizontal brush begins to descend. The horizontal brush and lateral brushes begin to rotate while the horizontal brush has descended to the lowest position, the wash system moves forward under the guidance of the guide track.

When horizontal brush touches the surface of the vehicle at a certain degree, horizontal brush starts to ascent for contouring cleaning. When lateral brushes of car wash touches the front surface of vehicle, at some degree, lateral brushes start to move toward the two sides and cleaning along two sides of the vehicle. When cleaning goes to rear surface of vehicle, horizontal brush starts descending and lateral brushes start to come together.

Description of the basic functions for Bus and Truck Wash



limiting stopper

The side rails of the bus wash are made of steel treated with an anti-corrosive process. This is installed along the left and right sides and are mainly to preserve tires of vehicles and bus wash from damage.



Counterweight brake

The counterweight for the horizontal brush reduces the stress on brush lift system. It makes the horizontal brush more stable thereby improving the performance and flexibility greatly.



Equipment frame

The entire frame of the TEPO-AUTO wash system features the gantry type design. This system has the latest technology providing maximum stability and performance.



Console

Schneider, of France, manufactures the movable console. Enables best performance of a custom wash.



Straight brush drive system

The straight brush drive system includes flange, drive, drive shaft, and component for balancing the base. The system can carry over 3,300 pounds of weight, walking distance exceeds 9 feet and the noise level is less than 15db.



Car Washing brushes

The TEPO-AUTO bus wash uses German-made PE material. The five-start shaped design of the structure can achieve the best cleaning results and has a lifetime capacity exceeding 270,000 vehicles. This is a quiet friction wash. Colors can be coordinated according to customer wishes. Brushes can be as large as 35" diameter for peak washing results.



Walking system

The design of the bus wash integrates a direct connect design. The advantages are precise drive, low noise, stable operations and easy maintenance. There are two walking systems on each side of the drive. The whole system walks at a speed of 2 to 3 feet per minute.



Horizontal brush walking track

The walking track of the TEPO-AUTO is made of stainless steel with non-deforming, corrosion resistant treatment and is virtually maintenance free.

TEPO-AUTO Rollover bus and truck wash

The entire automatic electrical control system is in the electric cabinet. The core of the machine control system is a programmable logic controller that handles the controlling of the horizontal brush, the lateral brush, and spray and walk action procedures through the use of the photoelectric sensors and approach switch.

Description of the basic functions for bus and truck wash



Horizontal brush-driven structure

This structure is connecting transmission equipment that connects horizontal brush to the machine. This transmits power of the lift drive to the brush through the transmission chair to reach the best response rate. This structure includes connecting flange, drive shaft, rotating motor, differential and pedestal.



Transmission chain

Transmission components of TEPO-AUTO bus washing machine are manufactured of stainless steel. The benefit is low maintenance operations, durability and reduced noise.



Vertical brush walking track

The vertical brush walking track is manufactured of triangular and rectangular steel processed with an anti-corrosion treatment extending the life of the equipment to at least 20 years.



Travel motor

The travel motor transmission includes a 1.5 kw electric motor and an aluminum gear box. The road wheel is manufactured of high carbon steel extending the service life to at least 20 years.



Driven motor pedestal

The motor pedestal receives the most strict preservative treatment. This component has gained international acclaim due to its smooth running operation. This is used in production of several German car wash manufacturers.



Vertical brushes drive

TEPO-AUTO's vertical wash drive is prominent in the industry and gained honors worldwide.



Horizontal brush drive equipment

The horizontal brush drive includes a 1.5 kw drive motor, gear box, sensors and drive shaft. This component provides safety to the client and reduces energy costs.



The frame of the equipment

The design of the car washing equipment is a prominent consideration. The durable function and outstanding rust resistant treatment are among the greatest attributes.

TEPO-AUTO Rollover bus and truck wash

This model is among our most recommended washes. The main structure is constructed of stainless steel. This very carefully designed equipment is especially created for bus washing. The main body of the machine is very durable and assures the overall equipment lifespan to be 20 years. The three-brush system is made of imported European brush material. The system is completely computer controlled and designed to automatically avoid side mirrors and does a superior job of washing painted surfaces. This machine can be equipped with fully automatic high-pressure water spray system, automatic undercarriage cleaning system, water reclaiming system and powerful air drying system.

Description of the basic functions for Bus and Truck Wash



Bus washing machine

All the electrical control system of the machine is installed in the electric cabinet. All functions are automatically controlled.



Bus-washing machine

The central and most critical component of this machine is the Programmable Logic Controller that controls the horizontal brush, side brushes, spray and walk action through the detection of the photo-sensor and approach switch.



Bus washing machine

The construction of this machine must be done according to construction drawings. Various changes can be made based on ground conditions of the client. Specs detail the amount and strength of concrete to be used.



Bus washing machine

Install the undercarriage wash at the ground level. Make sure all wiring connections are made above ground. The undercarriage wash high-pressure vertical pump. The pump motor is 2.2kw. The chassis is made of strong welded steel construction.



Walking track of the machine

The walking track is made like an "I" beam and has a life span of at least 20 years. It also receives a complete anti-corrosion treatment and extends the life of the equipment.



Far infrared scanner

The infrared switch (photo-eye) sends the scanned information from the vehicle to the computer. It has achieved the IP 65 safety protection rating for meeting requirements in a harsh environment.



Guide line of track

The guide track is made of "I" beam-type construction. The nylon sliding rollers coupled with the steel track serve to extend the effective life of the equipment to at least 20 years.



Bus washing machine

TEPO-AUTO bus washing machine has been specifically designed to wash all types and sizes of busses. The maximum through-put is 150 vehicles per day accomplished due to extraordinary technology and design.

TEPO-AUTO sewage treating equipment



This model is TEPO-10T

Model

1. Stainless-steel main frame 1 set
2. Control system 1 set
3. Cleaning water pump 1 set
4. Sewage water pump water 1 set
5. Flow meter 1 piece
6. Check valve and water pipe 1set
7. Biomembrane subassembly 1 set
8. Biological film group 1set
9. Stainless-steel water tank 1 set
10. Water tank cover 1 piece

● Standard function

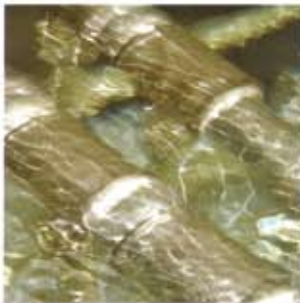
○ Optional function

TEPO-3T	TEPO-5T	TEPO-7T
●	●	●
●	●	●
●	●	●
●	●	●
●	●	●
●	●	●
●	●	●
●	●	●
●	●	●
●	●	●

TEPO-AUTO Sewage Treating Equipment

The TEPO-AUTO water recycling equipment has the most advanced biologic film separation technology in the world. It is unnecessary to add other chemical treatment substances during the water reclaiming process. This system used complete physical separation technology and has the advantages of maximum service life, low waste and clear treated water quality. The water treatment system passes the highest requirements in the car washing industry. The filtering system economically reclaims water for car wash use without the use of expensive chemical additives that could have adverse environmental impacts.

Description of the basic functions for sewage treating equipment



Biomembrane components

Reclaimed water, after treatment, is clear to the bottom and conforms to the international environmental demands. This product has obtained many patents. This equipment is being used in hospital and school water treatment facilities.



Control board

A simple control board has reduced operation difficulty and can be controlled by hand or automatically.



Sewage valve

The sewage output valve is made of durable PVC and easy operation and maintenance.



Wooden case packages

The equipment is prepared for shipping in a method that exceeds stipulations of the international package association using fumigation-free timber.



Flow meter

The observable flow meter is made of glass material and is the unique design of TEPO-AUTO. One can clearly observe the water quality and flow after treatment. This is peace of mind to clients.



Water pump

The sewage treatment pump adopts a high pressure centrifugal pump compatible with cold and hot water. Power of .9 kw guarantees stable operations.



Associated line

The system's lines are constructed of durable PVC, the best material available for such an application. These lines should remain in service trouble-free for 10 years or more. The material is also best for each installation and maintenance.



Structural framing

The main structural framing is made of stainless steel to extend the service life. It requires a small footprint requiring only 4 square feet.

TEPO-AUTO sewage treating equipment

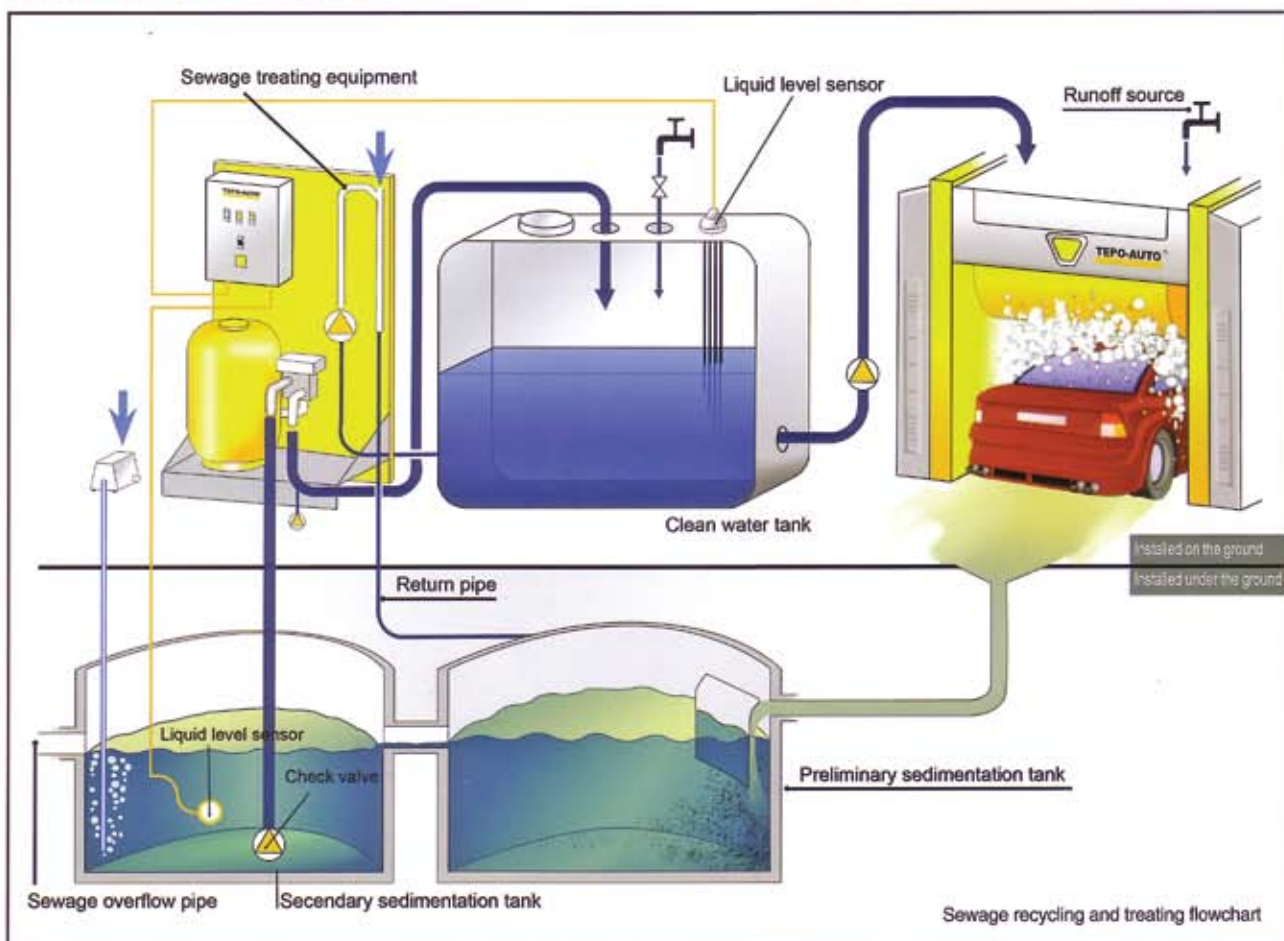
The TEPO-AUTO, with the combination of being cost effective and the fact that no use of a flocculating agent is necessary has formed an excellent treating effect. Auto wash has created an important breakthrough of water reclaiming equipment. The creative system has changed the rules such that now, water reclaiming can be effectively performed without the use of chemical additives. The system can produce fresh water completely and in conformity of the car wash requirements. Any dirty and foul particles in water can be removed effectively. Water can be recycled completely.



The design has completely conformed to the requirements of treating car wash water. No matter is the water is from the automatic wash or self serve equipment or even factory waste, TEPO-AUTO treating equipment can recycle water for the purpose of reusing in a car wash environment even if the waste water contains hydrocarbons. This equipment is applicable, for recycling purposes, for car washes with up to 8,000 cars per month.

Structure characteristics

1. No need for collecting pool or a facility with large volume. This system does the filtering, suspending and biological treatment work in a tank.
2. Sludge treatment is simple, error free and completely recyclable with no drainage required.
3. The effect of discoloration and filtering is perfect. It can filter the negative ion surfactant thoroughly.
4. This system is simple to operate, convenience to repair and easy to assemble.
5. It saves manpower due to fully automated control system.



TEPO-AUTO Special Servo Car Wash

Special Servo Car Wash: TEPO-AUTO specially designs the Car Washing systems for the clients all over the world. It is designed based on one standard station and can be extended to two or more. TEPO-AUTO can provide movable stainless vacuum cleaner with a capacity ranges from 15 to 70 liters according to customers' needs. The frame of the work systems is made of the standard steel.

Its wind loading rating is 6-7 class, and bearing capacity is 800kg / m². The overall dimensions of the house is 7 meters long, 3.2 meters wide and 4 meters high.

