



**Tiba Swiss International**

**شرکه طیبه سویس العالمیه**

**General Contractor  
Company**

**Truck Wash free Touch T.S.I 307**



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## Benefits of automatic washing

- Maintain the car
- More clean for the clean
- Save time only five minutes
- Car rust prevention
- Friendly and maintain proof of ease of payment and use
- Laundry at any time

## فوائد الغسيل الآلي

- تحافظ علي السيارة
- نظافته اكثر للسيارة
- توفير الوقت فقد خمس دقائق
- الوقايه من الصدأ للسيارة
- صديقه ومحافظه علي البيئة
- سهوله الدفع والاستخدام
- الغسيل في اي وقت 24h/7



## Technical Data

## معلومات عن T.S.I 204

2.1.7	Available size for bus (L x W x H)	24000X2700MMx4200MM
2.1.8	Power	(KW) 8.86/10.1kw
2.1.9	Water /Electricity consumption	( 250L/BUS0.59kw/BUS )
2.1.10	Wash speed	( 15-20 buses/hour )
2.1.11	MOTOR	ITALY SITI
2.1.12	Control system	JAPAN MITSUBISHI
2.1.13	Highpressure pump	CHINA CNP
2.1.14	Heat protection and contactor	FRANCE schneider
2.1.15	Photoelectric sensor	USA BANNER
2.1.16	Chemical pump	ITALY SEKO
2.1.17	Magnetic valve	TAIWAN AIRTAC
2.1.18	Operation panel	TAIWAN DELTA
2.1.19	Air cylinder	TAIWAN AIRTAC



### **Advantages and Functions**

1. The frame of Risen gantry pre-wash car washing machine is made of national standard steel and treated with hot-dip galvanizing, which is anti-corrosion and rust-proof, durable and durable.
2. Fasteners such as bolts are made of SUS304 stainless steel.
3. Because the equipment is in contact with water all the year round, in the wild wind, rain, and ultraviolet rays of the sun ° The high quality of the equipment manufacturing process is the key

### **High pressure water jet part**

- a. Special stainless steel fan-shaped high pressure nozzle, galvanized pipe, special high pressure rubber pipe with high pressure seal. The above is the key to the performance of the device.
- B. Special stainless steel fan-shaped high-pressure nozzle - is our company's patented product;
- c. Special high-pressure rubber tube with high-pressure seal - is a special customized product of our company.

### **Intelligent system controller**

- a. The core part of the whole machine control system is the intelligent system controller, which realizes the program control of various functions through the detection of photoelectric sensors and proximity switches.
- B. In order to facilitate user control, our company has specially set up a small power switch box, which can be installed in the position that users are satisfied with (just lengthen the power cable)

### **Operation panel**

- A1 The electrical control system of the whole machine is installed in the electrical cabinet,
- a2. The water and gas control system is installed in the high-pressure water cleaning box.

B1. All controls can be automatically controlled by the control panel on the electrical operation workbench.

B2. The operation panel adopts special key switches, which can not only avoid the entry of various impurities such as dust and water droplets, but also prevent blur caused by light irradiation

### **Combined application scenario display**

- A. Risen gantry pre-wash can be used alone,
- B. Or combined with a flat wheel washer to achieve wheel focus cleaning and body cleaning.
- C. It can be combined with the rollover type bus washing machine to provide high-pressure water pre-washing before the fine washing of the vehicle.
- D. The installation of Hercules fan can realize drying after cleaning and achieve automatic cleaning effect.

### **Technical parameter TSI 307**

working max electrical capacity	19KW
washable car type	Special vehicles such as mixer trucks, sanitation trucks, and muck trucks
car wash dimension	no limit for length x W 3800mmx H 4400mm
ordianry carwash type	top washing side washing+chassis wash
multiple car wash types option	1.manually chassis wash 2.manually top wash, side washing 3.automatically 360 washing
washing speed	3 minutes/truck
installation dimension	L 10000mm×W 5000mm
power used	Voltage AC380V50Hz Capacity 10KVA
water resource used	Pipe diameter DN25 flow rate $\geq 100\text{L}/\text{min}$
additional requirements	Site flatness error $\leq 10\text{mm}$
water consumption	100L/truck
electricity consumption	0.1kwh/truck
shampoo consumption	350L/truck

## Assembling Range

- 2.1.1 Hot-dip galvanized frame can keep the whole machine stable,long life use.
- 2.1.2 The dovetail foam brush makes the car washing more quiet and clean.
- 2.1.3 PLC electronic control panels system can easy to operate and maintain.
- 2.1.4 Main parts and motors from abroad,keep the machine great running performance
- 2.1.5 High pressure water washing and shampoo sprinkling
- 2.1.6 the ideal for bus wash and repair center,logistics company and public transportation company



**Taiba Swiss International General  
Trading and Contracting Company**

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