

# PRODUCTS CATALOGUE

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Four-wheel  
Positioning



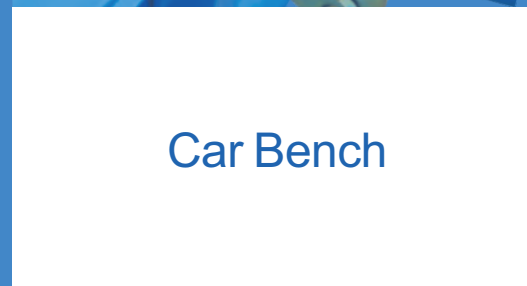
Lifting Machine



Shortwave Infrared  
Heat Lamp



Car Bench



Down The Tire  
Machine



Welding Machine



Guangzhou Shinely Import and Export Trade Co.Ltd

Room 412, Floor 4, Building A, No.9, Huangbian North Road, Helong Street, Baiyun District, Guangzhou City  
Tel: +86-20-66293356 Fax: +86-20-66293300 Web://www.sycartools.com

广州神怡进出口贸易有限公司  
Guangzhou Shinely Import and Export Trade Co.Ltd





# Guangzhou Shinely Import&Export Trade Co., Ltd

Guangzhou Shinely Import&Export Trade Co., Ltd is a professional auto maintenance equipment manufacturer since 2010. Shinely means we always bring Sunshine service to our customer; Our factory covers an area of more than 26, 000 squares meters, equipped with our updated manufacturing facilities. The company has always pursued and adhere to the " support the development of talent , technology lead innovation , to enhance the effectiveness of management , marketing embrace success , quality brilliance , integrity weaving the future " business philosophy . Besides, we have attained CE,ISO9001:2000 International Quality Control System Certification.

We are engaged in product development, design, as well as OEM/ODM manufacturing. Our products have been shipped to worldwide markets (Europe, North & South America, Africa, Australia, the Middle East, Asia as well as different provinces in China).

Shinely career development is inseparable from the international community and the generous help of friends and great support. We will unswervingly adhere to the " equality, voluntariness and win-win cooperation " principle and the " meet new friends, not forgetting old friends " doctrine, ready to welcome and look forward to your visit and cooperation !



# QUALIFICATION CERTIFICATE







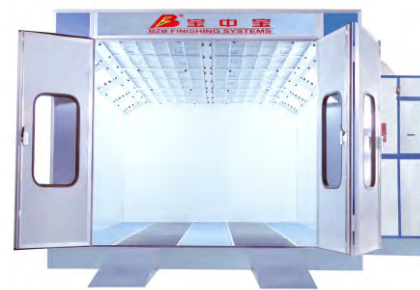
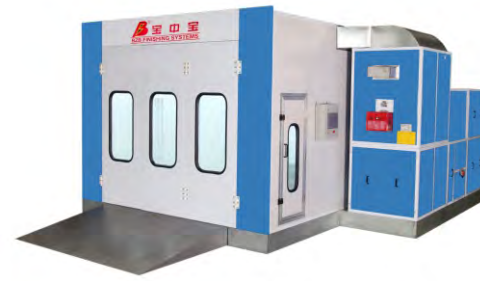
## QUALIFICATION CERTIFICATE



- BZB-Spray Booth 01-03
- Lifting Machine 04-08
- Car Bench 09-16
- Car Wash Machine 17-19
- Shortwave infrared heat lamp 20-21
- Welding machine 22-31
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- Tail Gas Exhaust 50-59
- Dust-collection System 56-59
- Toolkit 60-63
- Brake Tester 64-67
- Refrigerant Machine Nozzle 68-69

## BZB-Series Paint Booth

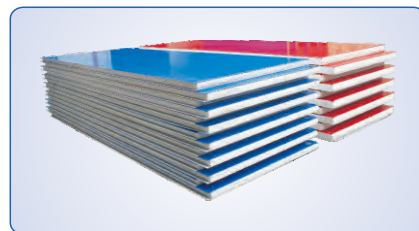
- Stronger EPS Colorful steel skin board
- Galvanized steel sheet in basement floor to prevent rust
- Different blower to fit different motor and booth design
- Unique larger square air filtering material to make cleaner air
- High quality Italy original burner and optional gas burner
- Optional inner ramp design to save more space for workshop
- All model which equipped with exhaust fan with environmental system containing active carbon and fiberglass filter layer
- American pressure Gauge and Switzerland original "Bellmo" auto-damper



### Components



Different blower to fit different design



Panel



Control Box



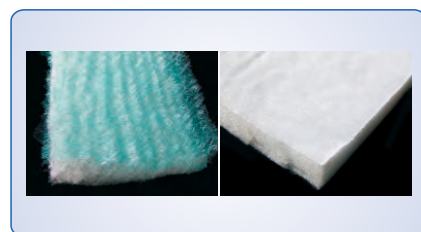
Heat Exchanger



Italy Original Burner



Lighting system



Unique Large Square Air Filter System



American Pressure Gauge



Switzerland Original "Bellmo" Auto-Damper

### Comparison:

	BZB-8100	BZB-8200	BZB-8400	BZB-T8000	BZB-9*4.5*3.5	BZB-15*5*5
Vehicle Type	Car	Car	Car	Car	Mini Bus	Bus
Overall Dimension (mm)	7000×5356×3400	7000×5556×3400	7000×5356×3400	7000×5356×3400	9146×6396×4450	15156×6906×5800
Inner Dimension (mm)	6900×4000×2650	6900×4000×2650	6900×4000×2650	6900×4000×2650	9000×4500×3500	15000×5000×5000
Width of the door for Vehicle Entrance (m)	3	3	3	3	3.3	4
Height of the door for Vehicle Entrance (m)	2.6	2.6	2.6	2.6	3.4	4.5
Steel Plate Thickness (mm)	0.426	0.426	0.426	0.426	0.476	0.476
Filtrated area (m <sup>2</sup> )	17.96	17.96	17.96	17.96	32.1	51.7
Air Flow volume (m <sup>3</sup> /h)	25000	25000	25000	25000	40000	60000
Air Velocity within Booth(m/s)	≥0.3m/s	≥0.3m/s	≥0.35m/s	≥0.35m/s	≥0.25m/s	≥0.25m/s
Ventilation times (times/h)	260	260	320	320	350	352
Working temperature (°C )	60-80°C	60-80°C	60-80°C	60-80°C	60-80°C	60-80°C
Oil Consumption (kg/set)	4-5KG/vehicle	4-5KG/vehicle	4-5KG/vehicle	4-5KG/vehicle	6-10KG/vehicle	10-12KG/vehicle
Insulation Material of wall panel	50mm thick EPS	50mm thick EPS	50mm thick EPS	50mm thick EPS	70mm thick EPS	70mm thick EPS
Power (kw)	9.5	10	16.5	18.3	29.5	49
Main blower	Inlet :1*7.5Kw, no outlet	Inlet:2*4KW, no outlet	Inlet:2*4KW, outlet:1*7.5kw	Inlet:1*7.5KW, outlet:1*7.5kw	Inlet:2*7.5KW, outlet:1*11KW	Inlet:4*5.5KW, outlet:2*11KW
Environmental protection device	No, direct outlet	No, direct outlet	With environmental cabinet containing active carbon and fiberglass filter layer.	With environmental cabinet containing active carbon and fiberglass filter layer.	With environmental cabinet containing active carbon and fiberglass filter layer.	With environmental cabinet containing active carbon and fiberglass filter layer.
Nether lighting	without	without	With 16pc of 18W LED lamp tubes	With 16pc of 18W LED tubes	With 32pc of 18W LED lamp tubes	With 56pc of 18W LED lamp tubes



## Preparation Room



### BZB-700A

Air enters the cabin through filtered plenum and then exhausted outside



### BZB-800A

Air enters the cabin through filtered plenum and is exhausted through floor



### BZB-900A

Air enters the cabin through filtered plenum and is exhausted through basement filtration



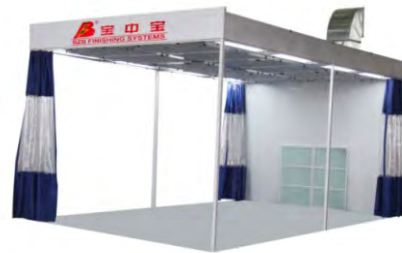
### BZB-6200

Air enters the cabin through filtered plenum and is exhausted through floor, The roof is with filter holder and light



### BZB-6400

Air enters the cabin through filtered plenum and is exhausted through basement filtration, The roof is with filter holder and light



### BZB-6300

Air enters the cabin through filtered plenum and then exhausted outside, The roof is with filter holder and light

## SY-30CB

### PRODUCT FEATURES:

- Double level scissor lift, 105mm above the ground at the lowest level
- Adopt Italy technology to design
- Double hydraulic balance system (main lift) and mechanical safety with automatic unlock are equipped
- 24V safety control circuit
- Oil cylinder parts made by automatic high rotation speed CNC lathe ensure the excellent finish and concentricity
- Japanese oil sealing elements, Italian spherical valve, overload protection, international brand oil pipe
- Components are made by laser cutting machine or other CNC equipment.
- Alloy solid steel X structure, good rust resistance and not easy to deformation
- Shot blasting and high temperature baking powder coated surface finish
- Wear-resisting bearings



Model	Lifting Capacity	Lifting Height	Platform Length	Platform Width	Initial Height	Motor Power	Air Pressure
SY-30CBL	3000kg	1880mm	1480-2080mm	650mm	105mm	380v/220v 2.2w	0.4-0.6Mpa

## SY-32B

### PRODUCT FEATURES:

- Adopt Italy technology to design
- Hydraulic balance system and mechanical safety with automatic unlock are equipped
- 24V safety control circuit
- Oil cylinder parts made by automatic high rotation speed CNC lathe ensure the excellent finish and concentricity
- Japanese oil sealing elements, Italian spherical valve, overload protection, international brand oil pipe
- The length of platform is adjustable
- Shot blasting and high temperature baking powder coated surface finish
- Wear-resisting bearings



Model	Lifting Capacity	Lifting Height	Platform Length	Platform Width	Initial Height	Motor Power	Air Pressure
SY-32B	3200kg	1990mm	1460-1760mm	565mm	330mm	380v/220v 2.2w	0.4-0.6Mpa



## SY-35BS

### PRODUCT FEATURES:

- Adopt Italy technology to design
- Hydraulic balance system and mechanical safety with automatic unlock are equipped.
- 24V safety control circuit
- Oil cylinder parts made by automatic high rotation speed CNC lathe ensure the excellent finish and concentricity
- Japanese oil sealing elements, Italian spherical valve, overload protection, international brand oil pipe
- Components are made by laser cutting machine or other CNC equipment
- Solid steel X structure, good rust resistance and not easy to deformation
- The length of platform is adjustable
- Shot blasting and high temperature baking powder coated surface finish
- Wear-resisting bearings



Model	Lifting Capacity	Lifting Height	Platform Length	Platform Width	Initial Height	Motor Power	Air Pressure
SY-35BS	3500kg	1990mm	1460-1760mm	565mm	330mm	380v/220v 2.2w	0.4-0.6Mpa

## SY-35CBL

### PRODUCT FEATURES:

- Double level scissor lift, 205mm above the ground at the lowest level
- Adopt Italy technology to design
- 6 cylinders, double hydraulic balance system (main lift) and mechanical safety with automatic unlock are equipped
- 24V safety control circuit
- Oil cylinder parts made by automatic high rotation speed CNC lathe ensure the excellent finish and concentricity
- Japanese oil sealing elements, Italian spherical valve, overload protection, international brand oil pipe
- Components are made by laser cutting machine or other CNC equipment.
- Alloy solid steel X structure, good rust resistance and not easy to deformation
- Shot blasting and high temperature baking powder coated surface finish
- Second-level extensible platform
- Wear-resisting bearings, polymer wear-resistance slider



Model	Capacity of main lift	Capacity of sub-lift	Main lift lifting height	Sub-lift lifting height	Main lift platform length	Main lift platform width	Sub-lift platform length	Sub-lift platform width	Motor power	Air pressure
SY-35CBL	3500kg	3500kg	1660mm	500mm	4300-4500mm	625mm	1460-1760mm	565mm	380v/220v 2.2w	0.4-0.6Mpa

## SY-35CCBL

### PRODUCT FEATURES:

- Double level scissor lift, 130mm above the ground at the lowest level
- Adopt Italy technology to design
- 6 cylinders, double hydraulic balance system (main lift) and mechanical safety with automatic unlock are equipped
- 24V safety control circuit
- Laser cutting whole-plate platforms, more accurate and stronger
- Oil cylinder parts made by automatic high rotation speed CNC lathe ensure the excellent finish and concentricity
- Japanese oil sealing elements, Italian spherical valve, overload protection, international brand oil pipe
- Components are made by laser cutting machine or other CNC equipment
- Alloy solid steel X structure, good rust resistance and not easy to deformation
- Shot blasting and high temperature baking powder coated surface finish
- Second-level extensible platform
- Wear-resisting bearings, polymer wear-resistance slider



Model	Capacity of main lift	Capacity of sub-lift	Main lift lifting time	Sub-lift lifting time	Initial height	Main lift lifting height	Sub-lift lifting height	Main lift platform length	Main lift platform width	Sub-lift platform length	Sub lift platform width	Motor power	Air pressure
SY-35CCBL	3500kg	3500kg	40-60s	10-30s	130mm	1600mm	500mm	4300mm-4500mm	625mm	1460-1760mm	600mm	380v/220v 2.2w	0.4-0.6Mpa

## SY-36CBL

### PRODUCT FEATURES:

- Double level scissor lift, 110mm Above the Ground at the Lowest Level
- Adopt Italy technology to design
- Double hydraulic balance system (main lift) and mechanical safety with automatic unlock are equipped
- 24V safety control circuit
- Oil cylinder parts made by automatic high rotation speed CNC lathe ensure the excellent finish and concentricity.
- Japanese oil sealing elements, Italian spherical valve, overload protection, international brand oil pipe
- Components are made by laser cutting machine or other CNC equipment
- Solid steel X structure, good rust resistance and not easy to deformation
- It can be moved easily by the optional mobile kit
- Shot blasting and high temperature baking powder coated surface finish
- Wear-resisting bearings



Model	Lifting Capacity	Lifting Height	Platform Length	Platform Width	Initial Height	Motor Power	Air Pressure
SY-36CBL	3600kg	1880mm	1480-2080mm	630mm	110mm	380v/220v 2.2w	0.4-0.6Mpa



## SY-35D/40D



### PRODUCT FEATURES:

- Adopt Italy technology to design
- Hydraulic balance system and mechanical safety with automatic unlock are equipped
- 24V safety control circuit
- Oil cylinder parts made by automatic high rotation speed CNC lathe ensure the excellent finish and concentricity
- Japanese oil sealing elements, Italian spherical valve., international brand oil pipe
- Components are made by laser cutting machine or other CNC equipment
- Solid steel X structure, good rust resistance and not easy to deformation
- Shot blasting and high temperature baking powder coated surface finish
- Optional second-level extensible platform
- Wear-resisting bearings, polymer wear-resistance slider
- Optional infra-red electronic leveling sensor, optional anti presser foot device

Model	Capacity	Main lift lifting height	Sub-lift lifting height	Main lift platform length	Main lift platform width	Sub-lift platform length	Sub-lift platform width	Motor power	Air Pressure
SY -35D/40D	3500kg	1850mm	500mm	4300mm-4500mm	625mm	1400mm	570mm	380v/220v 2.2w	0.4-0.6Mpa

## SY-240L



### PRODUCT FEATURES:

- Oil cylinder parts made by automatic high rotation speed CNC lathe ensure the excellent finish and concentricity
- Japanese oil sealing elements, overload protection, international brand oil pipe
- Direct drive twin cylinders, with safety steel wire as synchronization
- Polymer wear-resistance slider
- Single side safety control, arm locks with tooth type ratchet, multi-safety device, more reliable
- Gate type, for operation more easy, no obstruction onto the floor
- Roof protection safety device, automatic arm lock by built in ratchet tooth
- Shot blasting and high temperature baking powder coated surface finish

Model	Lifting Capacity	Lifting Height	Lifting Time/Lowering Time(S)	Overall Height	Overall Width	Clearancel nside Width	Motor Power
SY-240L	4000kg	1700mm	60s/30s	3880mm	3450mm	2860mm	380v/220v 2.2kw

## SY-240W



### PRODUCT FEATURES:

- Oil cylinder parts made by automatic high rotation speed CNC lathe ensure the excellent finish and concentricity
- Japanese oil sealing elements, overload protection, international brand oil pipe
- Direct drive twin cylinders, with safety steel wire as synchronization
- Polymer wear-resistance slider
- Single side safety control, arm locks with tooth type ratchet, multi-safety device, more reliable
- Shot blasting and high temperature baking powder coated surface finish

Model	Lifting Capacity	Lifting Height	Lifting Time/Lowering Time(S)	Overall Height	Overall Width	Clearancel nside Width	Motor Power
SY-240w	4000kg	1700mm	60s/30s	2780mm	3450mm	2860mm	380v/220v 2.2kw

## SY-440D



### PRODUCT FEATURES:

- Oil cylinder parts made by automatic high rotation speed CNC lathe ensure the excellent finish and concentricity
- Japanese oil sealing elements, overload protection, international brand oil pipe
- Electric hydraulic operation, with steel cable wire, stable operations
- The hydraulic hose with built in plastic chain cover, for the hose protection
- Hook type drive on ramps
- Shot blasting and high temperature baking powder coated surface finish

Model	Lifting Capacity	Lifting Time/Lowering Time(s)	Platform Height	Motor Dimension	Overall Height	JackingBeam Oapacity	JackingBeam Rise	Motor Power
SY-440d	4000kg	60s/30s	1650mm	4580mmx3164mm	2050mm	2000kg	480mm	380v/220v 2.2w



## SY-300

### PRODUCT FEATURES:

- This bench is widely used in fast repair work for light body collision repair and maintenance and diagnosis for vehicles with high working efficiency, which could benefit the workshop, Insurance company and vehicle owners.
- This bench is suitable for workshop equipped with precision equipments. It's easy to repair light collision vehicles with this bench instead of comprehensive machines.
- Welding cold high alloy rectangular tubes, full plate and high intensity.
- Vertical lifting bench, min height is 115mm, convenient for driving car on and off; Max height is 1700mm, can be used as a scissor lift, lifting frame is controlled by electronic hydraulic pump with convenient operation.
- Flexible moving tower ,quick fixing and wide working area, durable pulling power.
- Four adjustable lifting arms range in 180°when the bench's used as scissor lift ,which is designed to lift nearly all kinds of vehicles.
- Adjustable heavy duty main clamps are easy to be installed and removed. The height of crossbeam equipped with clamps can be adjustable by lifting up and down to fix the vehicle.
- Retractable wheelbase coordinates measuring (PTP), the most advanced measuring system, no interrupted point, operated conveniently, laser carved scale, durable.

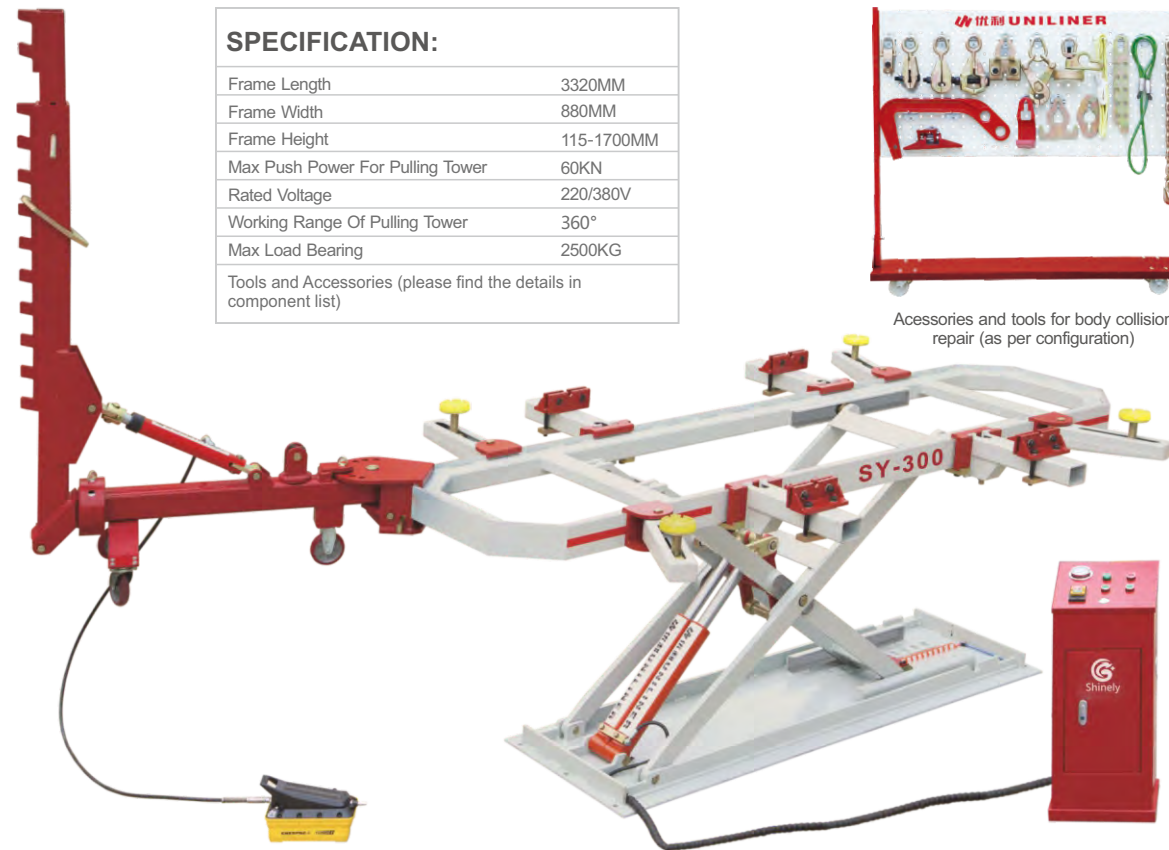
### SPECIFICATION:

Frame Length	3320MM
Frame Width	880MM
Frame Height	115-1700MM
Max Push Power For Pulling Tower	60KN
Rated Voltage	220/380V
Working Range Of Pulling Tower	360°
Max Load Bearing	2500KG

Tools and Accessories (please find the details in component list)



Accessories and tools for body collision repair (as per configuration)



Four adjustable arms can wave in 180°range. They can lift nearly all kinds of car



Adjustable heavy duty main clamps are easy to install and remove



Nine grade locking system in height of bench is 115mm, easy for reach different height, fast fixing on all kinds of cars. safe unlocking and locking mechanism



## SY-600



Main clamp jaw with patient can fix auto body, main clamp and cross-beam together with one screw.



Optional main clamp



Multi-functional ramps also can be used as wheel support.



20T oil cylinder controlled the bench and the basement.



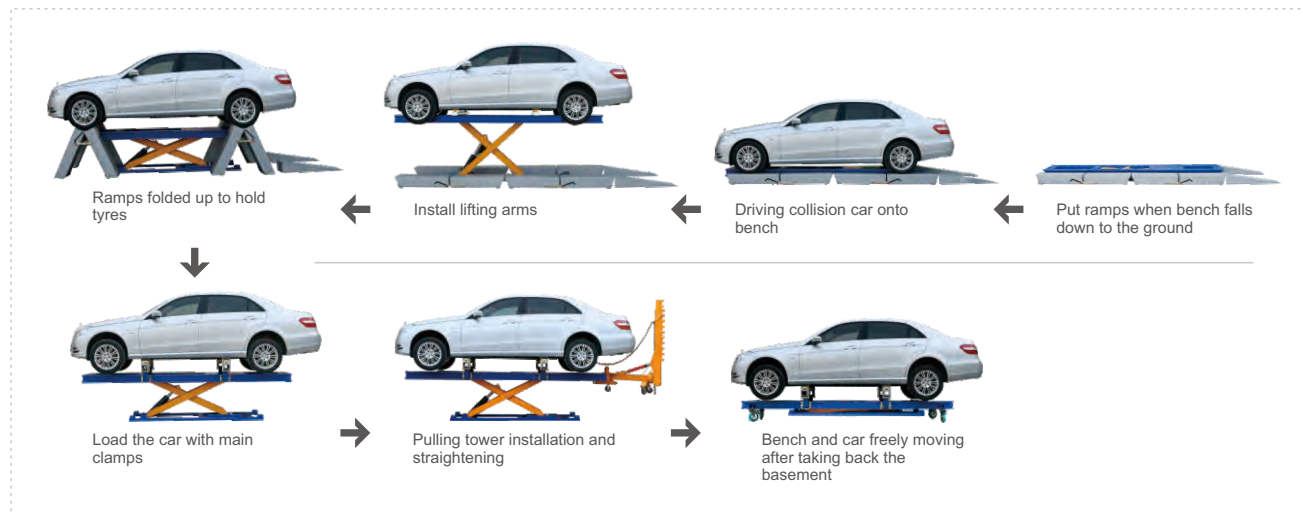
The fast drawer is easy to move, one time of fixture, several dot of repairing.



### PRODUCT FEATURES:

- European working frame machine, welded with cold high alloy rectangular tubes, full plate and high intensity. Controlled by electronic hydraulic pump, the lifting frame is operated conveniently and quickly.
- The vertical lifting frame can be used as a scissor lift, orientated safely at height from 260mm to 1600mm.
- Frame basement can be put up, four wheels can be moveable. After fixing vehicle to frame, move them together to specified position, which can make up insufficient space and unfixing.
- Ramps with patient for driving vehicle on quickly and conveniently are widely used for holding wheels, which helps clamp vehicle needed to repair.
- Two flexible moving pulling towers can be fixed firmly and stretched at varied direction. Imported hydraulic system has strong power and long life.
- Forged, modulated and heated by frequency, the metal sheets has high intensity and long life, any deformation correction is considered
- Main clamp jaw with patient can fix auto body, main clamp and cross-beam together with one screw. Scientific design, firm fixing and quick operation improve working efficiency greatly.
- Retractable wheelbase coordinates measuring (PTP), the most advanced measuring system, no interrupted point, operated conveniently, laser carved scale, durable.

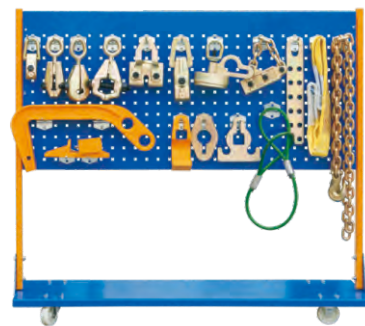




### SPECIFICATION:

Frame length	4160MM
Frame width	950MM
Frame height	260-1600MM
Max push power for pulling tower	95KN
Rated voltage	220/380V
Working range of pulling tower	360°
Max load bearing	3000KG
Tools and Accessories (please find the details in component list)	

Patent No: 201120465984.2



Accessories and tools for body collision repair (as per configuration)

## SY-388E

**Centralized Control**

Platform up: press"up", platform latch automatically after vertically up to the needed height.

Platform down: press"down", platform up and locking tooth loses, pneumatic valve works to make lock up, then platform down. All are completed automatically by program control.

A key in hand, operate freely.Full automation, technology initiative. People-oriented working theory, patent design. (Patent No.: 201020609714.X) Press"up"&"down", microcomputer integrated control system allocate corresponding solenoid valve to work, oil and air cylinder unlock and lock, then platform up and down.

Three-way oil wires in the control cabinet are connected with cylinder of the basement and two-way oil wires in the platform separately. One air pipe is connected with cylinder interface of locking tooth.

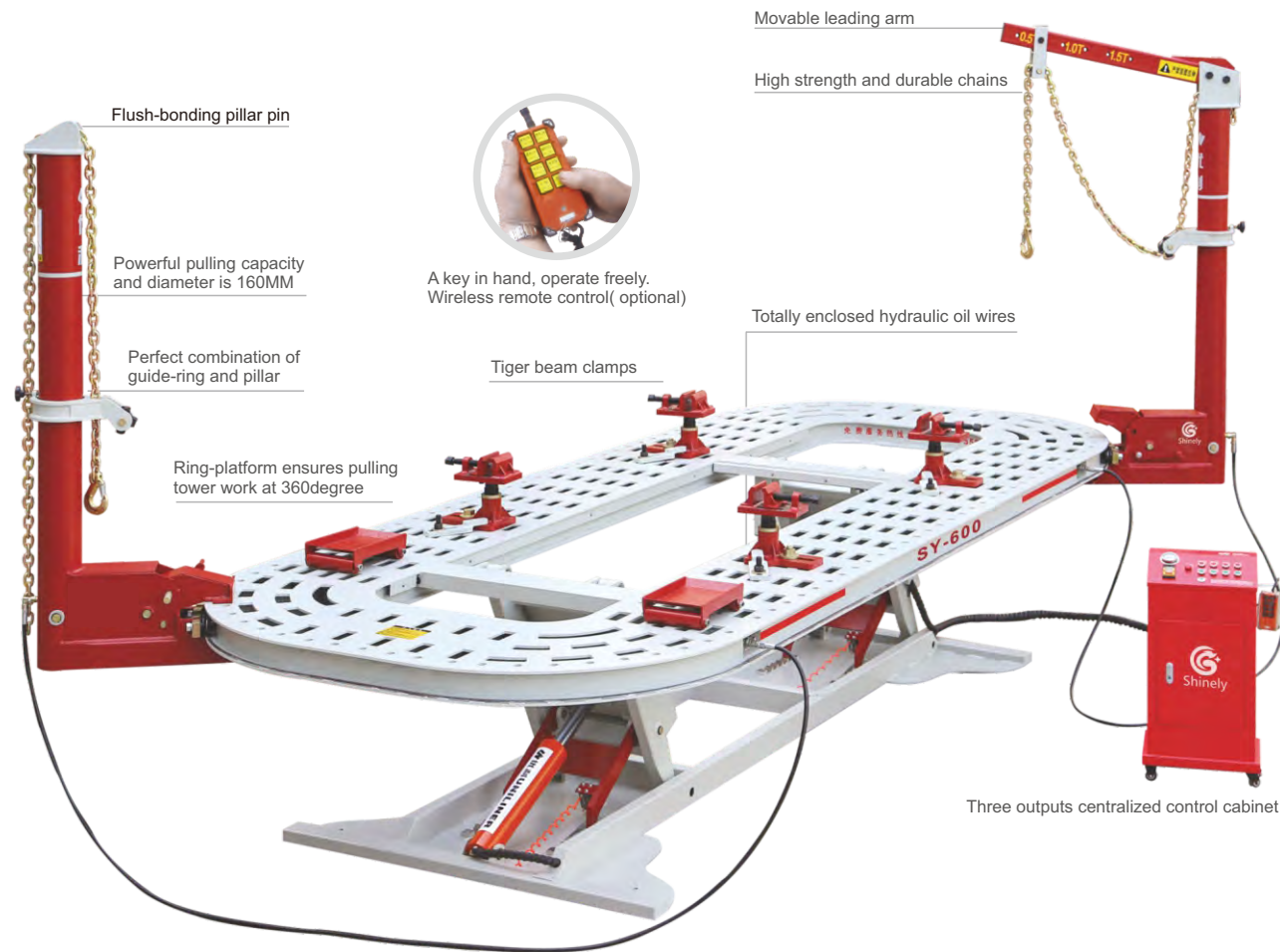
Two sets of oil wires supply for two towers pulling separately. With no manual conversion.

Fast locking pulling tower is fixing by putting the rotating leading head. No need bolts to fix pulling tower. More convenient and safety.

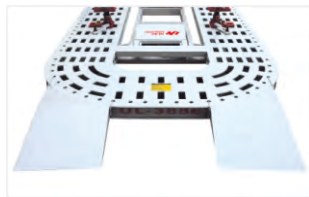
### PRODUCT FEATURES:

- Three outputs of electric pump station control both vertical and tilt lifting, pulling and stretching of two towers , can be achieved with only one remote control independently, centralized control. A key is in hand, free manipulation.
- Totally enclosed three-way hydraulic piping, centralized control, not influenced by the external environment, easy demolition and installation, low failure rate.
- Vertical self-locking bench , flexible height ranges from 380-1080mm. Lifting bench is secured by hydraulic and mechanical self-locking. One side can tilt lift from 0-380mm which is easy for on and off.
- Flat plate and square hole working platform with five rows square holes, bench width 650mm assembled by the large cutting cnc equipment, the high intensity. No working blind spot, quick stretching.
- 360-degree spiral and unique wheel rotation makes pulling towers move stable and flexible.
- Fast locking pulling tower is fixing by putting the rotating leading head. No need bolts to fix pulling tower. More convenient and safety.
- Unique spiral movement design of main clamps. Turn the pole up and down to change the height. Applying to adjust vehicles with different chassis.
- General tiger type beam clamps, applied to clamping and fixing beam of car, truck and suv.
- Mechanical streamline design tools, forge and heat treatment process, long service life and high-intensity, almost considerate all deformation correction.
- Retractable wheelbase coordinates measuring (ptp), the most advanced measuring system, no interrupted point, operated conveniently, laser carved scale, durable.
- Totally enclosed three-way hydraulic piping, electrical controls, not influenced by the external environment, easy demolition and installation, low failure rate.

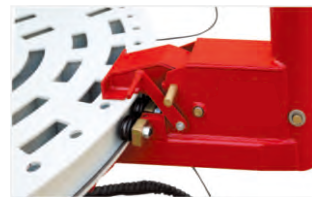




The main clamps design patent



Light and flexible ramps for driving on and off



Quick tighten for pulling tower (patent design)

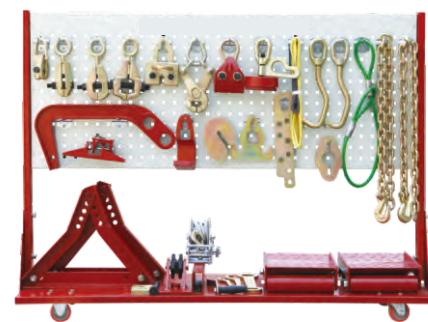


Self-locking vertical hydraulic lifting device

### SPECIFICATION:

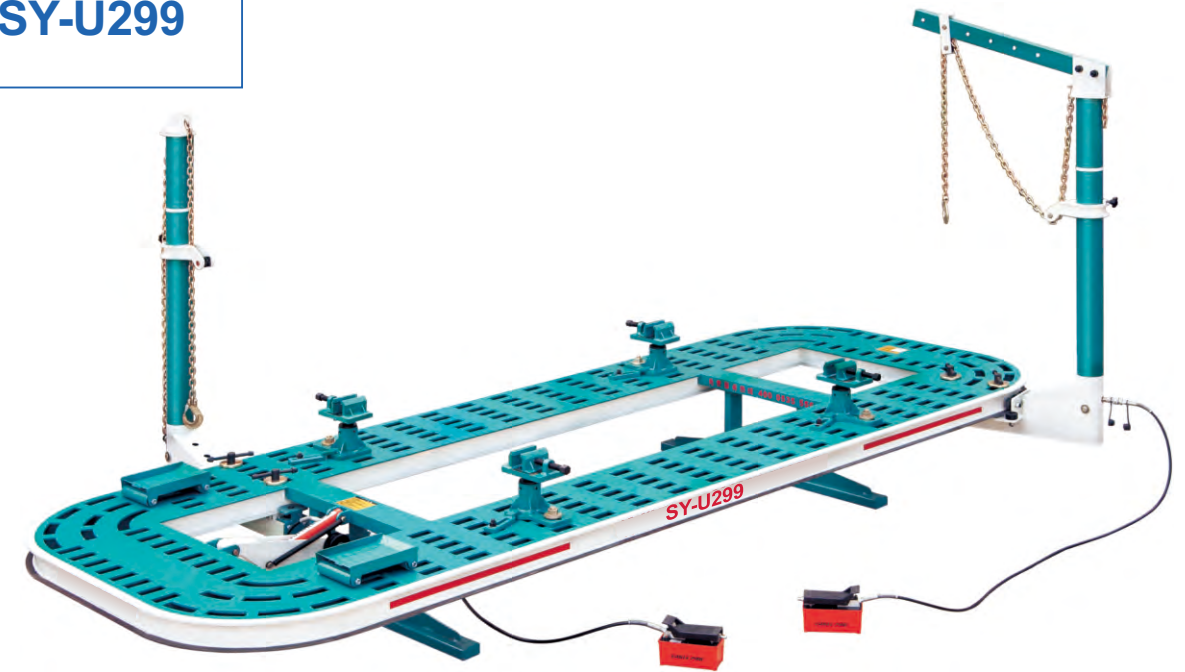
Frame length	5600MM
Frame width	2260MM
Frame height	0-380-1080MM
Max push power for pulling tower	95KN
Rated voltage	220/380V
Working range of pulling tower	360°
Max load bearing	4000KG
Tools and Accessories (please find the details in component list)	

Patent No:201020609714.X



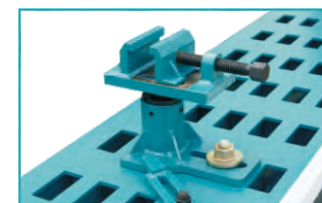
Accessories and tools for body collision repair (as per configuration)  
Accessories and tools for body collision repair (as per configuration)

## SY-U299

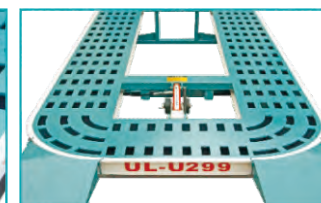


### PRODUCT FEATURES:

- Tilt hydraulic lifting platform assembled with light and flexible support leg , make the car drive on and off more conveniently.
- Flat plate and square hole working platform with five rows square holes, assembled by the large cutting CNC equipment, the high intensity. No work blind spot, quick stretching.
- 360-degree spiral and unique wheel rotation makes pulling towers move stable and flexible.
- General tiger type beam clamps, applied to clamping and fixing beam of car, truck and SUV.
- Unique spiral movement design of main clamps. Keep the jaw flat and turn the pole upper or lower to change the height. Applying to adjust vehicles with different chassis.
- Mechanical streamline design tools, forge and heat treatment process, long service life and high-intensity, almost considerate all deformation correction.
- Global synchronous data provided by Mitchell and major automotive companies, maintain the latest data models.
- Hydraulic pumps customized according to repair environment, power is strong and durable. Convenient, quick, abundant, low repair cost.
- Retractable wheelbase coordinates measuring (PTP), the most advanced measuring system, no interrupted point, operated conveniently, laser carved scale, durable.



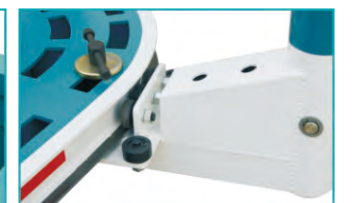
The main clamps design patent



Light and flexible ramps for driving on and off



Tilt-hydraulic lifting platform



Unique tower wheels movement device

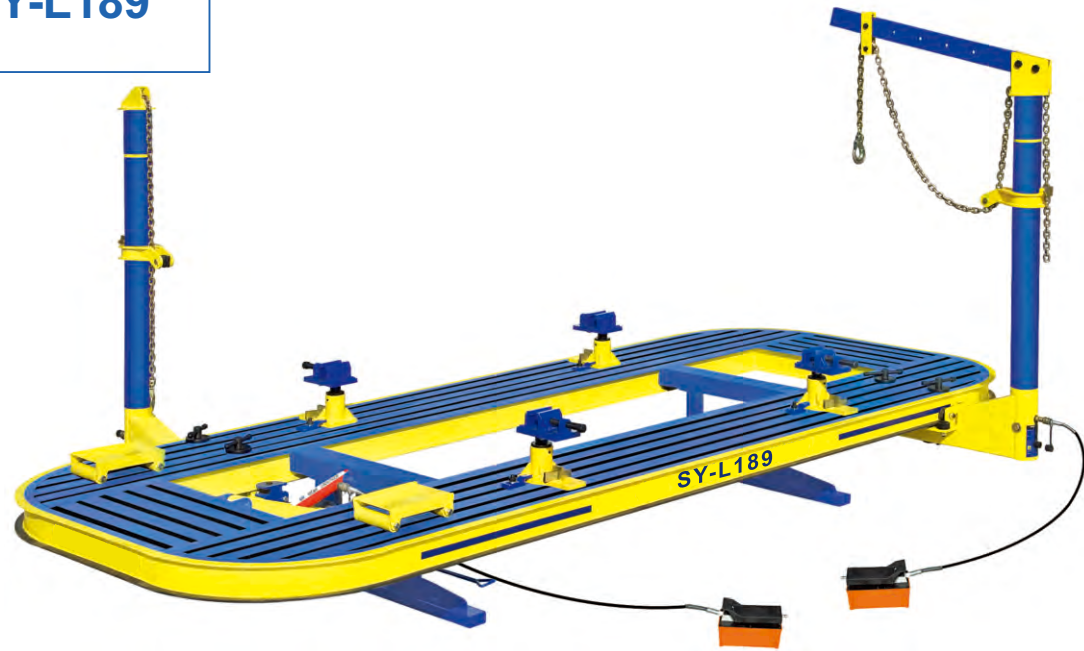
### SPECIFICATION:

Frame length	5600MM
Frame width	2112MM
Frame height	520MM
Max push power for pulling tower	95KN
Air supply required	0.8MPA
Working range of pulling tower	360°
Max load bearing	3500KG

Tools and Accessories (please find the details in component list)

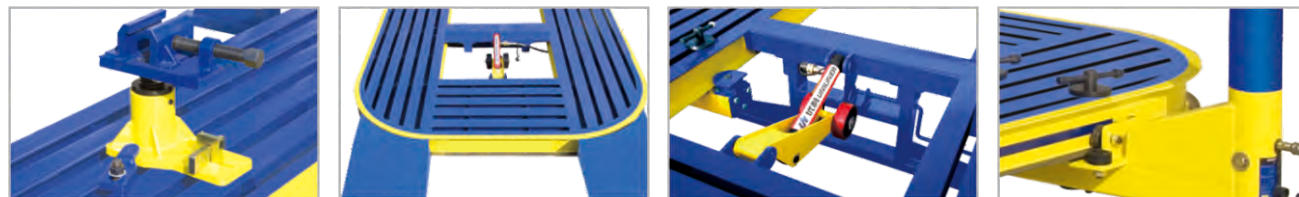


**SY-L189**



**PRODUCT FEATURES:**

- Tilt hydraulic lifting platform assembled with light and flexible support leg , make the car drive on and off more conveniently.
- Channel and mesh work bench on the 14th International standards flange beam production ,utilize the auto collision repair technicians'experience,plane and high intensity,no work blind area.
- Six rows of 14th I-steel, wider (2232mm), longer(5600mm), meet each kind of repair need.
- 360-degree spiral and unique wheel rotation makes pulling towers move stable and flexible.
- Unique spiral movement design of main clamps. Keep the jaw flat and turn the pole upper or lower to change the height. Applying to adjust vehicles with different chassis.
- General tiger type beam clamps, applied to clamping and fixing beam of car, truck and SUV.
- Mechanical streamline design tools, forge and heat treatment proess, long service life and high-intensity, almost considerate all deformation correction.
- Retractable wheelbase coordinates measuring (PTP), the most advanced measuring system, no interrupted point, operated conveniently, laser carved scale, durable.
- Global synchronous data provided by Mitchell and major automotive companies , maintain the latest data models.
- Hydraulic pumps customed according to repair enviroment, power is strong and durable. convenient, quick, abundant, low repair cost.



The main clamps design patent

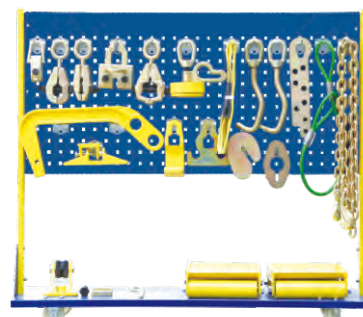
Light and flexible ramps for driving on and off

Tilt-hydraulic lifting platform

Unique tower wheels movement device

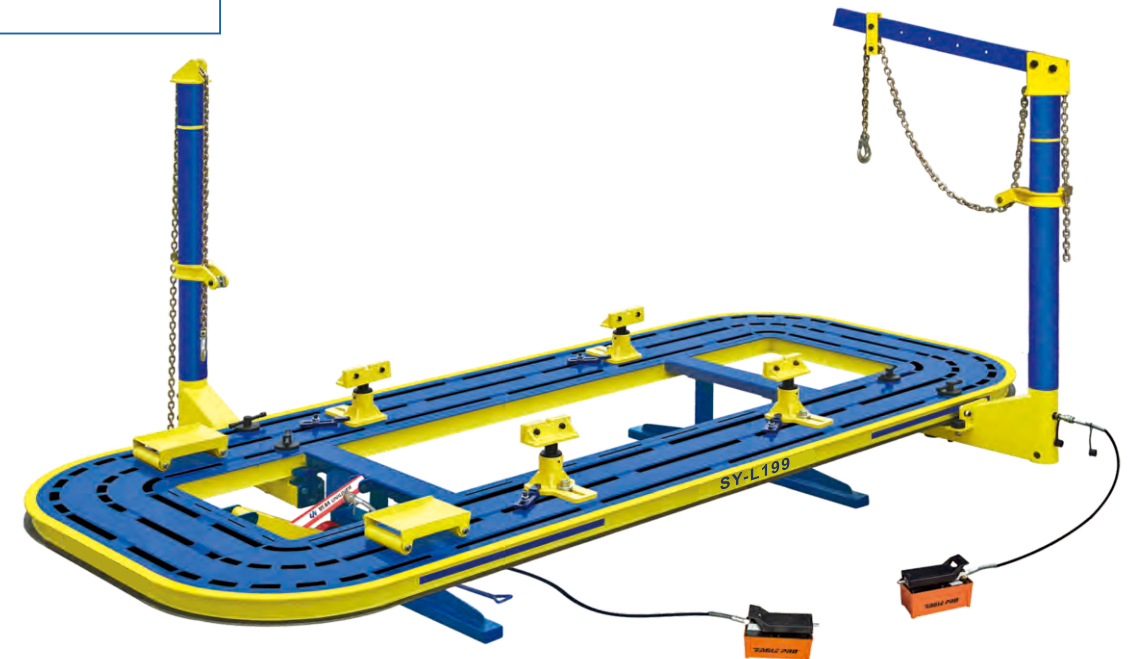
**SPECIFICATION:**

Frame length	5600MM
Frame width	2232MM
Frame height	560MM
Max push power for pulling tower	95KN
Air supply required	0.8MPA
Working range of pulling tower	360°
Max load bearing	3500KG
Tools and Accessories (please find the details in component list)	



Accessories and tools for body collision repair (as per configuration)

**SY-L199**



**PRODUCT FEATURES:**

- Tilt hydraulic lifting platform assembled with light and flexible support leg , make the car drive on and off more conveniently.
- Rectangular tube platform, pipe of 6mm thickness, flatness small error but intensity. Many of the convenient hole in the bench easy for fixture.
- 360-degree spiral and unique wheel rotation makes pulling towers move stable and flexible.
- Unique spiral movement design of main clamps. Keep the jaw flat and turn the pole up and down to change the height. Applying to adjust vehicles with different chassis.
- Unique adjustment design of main clamp jaw, fixed by only two screws. Thimble jaw, clamping vehicles firmly and quickly with high efficiency.
- Mechanical streamline design tools, forge and heat treatment proess, long service life and high-intensity, almost considerate all deformation correction.
- Hydraulic pumps customized according to repair enviroment, power is strong and durable. convenient, quick, abundant, low repair cost.



The main clamps design patent

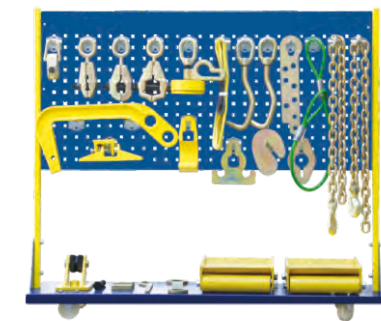
Light and flexible ramps for driving on and off

Tilt-hydraulic lifting platform

Unique tower wheels movement device

**SPECIFICATION:**

	UL-L199	UL-L199L
Frame length	5200MM	5600MM
Frame width	2140MM	2140MM
Frame height	520MM	520MM
Max push power for pulling tower	95KN	95KN
Air supply required	0.8MPA	0.8MPA
Working range of pulling tower	360°	360°
Max load bearing	3500KG	3500KG
Tools and Accessories (please find the details in component list)		



Accessories and tools for body collision repair (as per configuration)



## SY- W900-1

### PRODUCT FEATURES:

- Car conveyor ( 1pcs)  
Transport the vehicles evenly through the car wash machine
- One set of chassis washing system (1 set)  
To wash the cars' chassis
- Tempered glass booth and professional packages-----it's our additional parts  
Make the tunnel car wash machine brightly and beautiful
- One set of sun-sheet roof and stainless frames-----it's our additional parts  
Make the tunnel car wash machine brightly and beautiful
- Two sets of small vertical side brushes (2pcs)  
They are mainly used to clean the wheels and parts below mid line, wash the vehicle according to its shape and width.
- One set of horizontal ceiling brushes (1pcs)  
They are mainly used to clean the front, rear & top parts of vehicle according to the vehicle's height and shape.
- One set of moveable big vertical side brushes (2pcs)  
They are mainly used to clean the two sides and rear parts of vehicle, wash the vehicle according to its width, it can wash the rear parts completely.



- One set of big side brushes (2pcs)  
They are mainly used to wash the two sides of vehicle and front& rear parts, adjustable at the car side.
- One set of horizontal dryer system (2 fans)  
It is mainly used to dry the top of vehicle.
- One set of side dryer system (2 fans)  
It is mainly used to dry the side of vehicle.
- Three sets of water spraying system  
It is composed of one high-pressure pump and several valves. The system will control the spraying and water volume automatically.
- One set of foam cleaning system  
It sprays shampoo to the surface of vehicle.
- One set of water waxing system  
It sprays water wax to the surface of vehicle.

Car Entrance→ High Pressure Water And Chassis Washing → Brushes To Wash Cars →spray Foam Cleaning Agent→ Brushes To Wash Cars → High Pressure Water→ Brushes To Wash Cars → High Pressure Water→ Brushes To Wash Cars → Spray Water Wax→ Air Drying→ Over

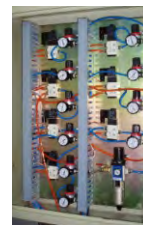
Model	Washable Car Size L*w*h Mm	Conveyor Length mm	Installation Space L*w mm	Washing Capacity Cars/hour	Water consumption L/per car (no water treatment)	Power capacity KW	Power Supply	Initial Height	Brush System	Drying System
SY-W900-1	5500*2000*2000 (can be customized)	11100mm	12240*4000mm	60	120L	30KW	1460-1760mm	380V,50HZ (220V/415V optional)	7 Sponge Brushes	Profile Modeling To Dry Cars

### Main structural framework

1. The main structural framework is precision assembled by 4mm reinforced steel plates.
2. All the supporting structure and antiseptis treatment are achieved the highest standard.
3. Operating lifetime is over 15 years.

### Pneumatic control system

1. All pneumatic pipes adopt high intensity UPVC.
2. Adopt high precision solenoid valve to control each function.
3. All detectors of pressure are adjustable to control steadily.
4. The washable height can be adjusted from 2.0m(standard) to 2.7m (optional).



### Computer control system

1. Adopt the Mitsubishi PLC
2. Adopt Schneider intermediate relay.
3. Overload protection and leakage protection
4. All electric system is 24V low voltage to protect control component.
5. Alarm system if there is fault in each function.
6. Adopt strong transformer and voltage regulator to ensure steady working.
7. Adopt strong frequency device to control brush system and walking system.
8. All connection terminals with unified numbers, comply with CE standard.



## SY- W900-2

### PRODUCT FEATURES:

- Car conveyor ( 1pcs)  
Transport the vehicles evenly through the car wash machine
- One set of chassis washing system (1 set)  
To wash the cars' chassis
- Tempered glass booth and professional packages-----it's our additional parts  
Make the tunnel car wash machine brightly and beautiful
- One set of sun-sheet roof and stainless frames-----it's our additional parts  
Make the tunnel car wash machine brightly and beautiful
- Four sets of small vertical side brushes (4pcs)  
They are mainly used to clean the wheels and parts below mid-line, wash the vehicle according to its shape and width.
- One set of horizontal ceiling brushes (1pcs)  
They are mainly used to clean the front, rear & top parts of vehicle according to the vehicle's height and shape.
- One set of moveable big vertical side brushes (2pcs)  
They are mainly used to clean the two sides and rear parts of vehicle, wash the vehicle according to its width, it can wash the rear parts completely.



- One set of big side brushes (2pcs)  
They are mainly used to wash the two sides of vehicle and front& rear parts, adjustable at the car side.
- One set of horizontal dryer system (2 fans)  
It is mainly used to dry the top of vehicle.
- One set of side dryer system (2 fans)  
It is mainly used to dry the side of vehicle.
- Three sets of water spraying system  
It is composed of one high-pressure pump and several valves. The system will control the spraying and water volume automatically.
- One set of foam cleaning system  
It sprays shampoo to the surface of vehicle.
- One set of water waxing system  
It sprays water wax to the surface of vehicle.

Car Entrance→ High Pressure Water And Chassis Washing → Brushes To Wash Cars →spray Foam Cleaning Agent→ Brushes To Wash Cars → High Pressure Water→ Brushes To Wash Cars → High Pressure Water→ Brushes To Wash Cars → Spray Water Wax→ Air Drying→ Over

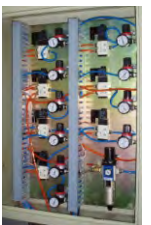
Model	Washable car size L*w*h Mm	Machine Car Size L*w*h Mm	Conveyor Length mm	Installation Space L*w mm	Washing Capacity Cars/hour	Water consumption L/per car (no water treatment)	Power capacity KW	Power Supply	Brush System	Drying System
SY-W900-2	5500*2000*2000 (can be customized)	11300*3800*3150 (can be customized)	11850 mm	13000*4000	60	120L	35KW	380V,50HZ (220V/415V optional)	9 Sponge Brushes	Profile Modeling To Dry Cars

### Main structural framework

1. The main structural framework is precision assembled by 4mm reinforced steel plates.
2. All the supporting structure and antiseptis treatment are achieved the highest standard.
3. Operating lifetime is over 15 years.

### Pneumatic control system

1. All pneumatic pipes adopt high intensity UPVC.
2. Adopt high precision solenoid valve to control each function.
3. All detectors of pressure are adjustable to control steadily.
4. The washable height can be adjusted from 2.0m(standard) to 2.7m (optional).



### Computer control system

1. Adopt the Mitsubishi PLC
2. Adopt Schneider intermediate relay.
3. Overload protection and leakage protection
4. All electric system is 24V low voltage to protect control component.
5. Alarm system if there is fault in each function.
6. Adopt strong transformer and voltage regulator to ensure steady working.
7. Adopt strong frequency device to control brush system and walking system.
8. All connection terminals with unified numbers, comply with CE standard.



## SY-300 SERIES

### Product Brief:

1. The SY-300 car wash machine is fully automatic system. It is used for car, jeep, bus & coach and other small vans, washing, waxing, drying, etc.
2. We can equip chassis wash system, water recycling equipment, etc. according to the customer requirements.
3. Introduce advanced technology from European, streamlined design, beautiful appearance, advanced overall performance, safe and reliable.
4. The complete structure is painted galvanized plate and square tube frame, avoiding corrosion and improving the corrosion resistance of the surface.
5. Internationally renowned brands of motor and reducer, security and stability, provide long life.
6. PLC controlled system, depending on different models to make process of washing solution. To achieve the best washing effect, water conservation, power conservation.



Model	Washable Car Size L*W*H mm	Machine sizes L*W*H mm	Rail length mm	Installation Space L*W mm	Washing Capacity Cars/hour	Water consumption L/per car (no water treatment)	Power capacity KW	Power supply	Machine weight kg	Air compressor working pressure MP	Brush system	Drying system
SY-300 SERIES	5500*1950*2000mm	2200*3750*3100 mm	10000mm	11000*4000 mm	18	80-90	16	380V,50HZ (220V/415V optional)	2800kg	0.5—0.8	5 brushes	Profile Modeling To Dry Cars

### Features

1. Instant available Just need 60 seconds to start, standby mode, instant available.
2. Automatic identification Automatic identification of car models, automatic profiling, more thorough Cleaning.
3. Over-voltage protection High sensitivity to feel pressure, when achieve the designed pressure it stop working automatically.



### Main structural framework

1. The main structural framework is precision assembled by 4mm reinforced steel plates.
2. All the supporting structure and antiseptic treatment are achieved the highest standard of global.
3. Operating lifetime is over 15 years.
4. The washable height can be adjusted from 2.0m(standard) to 2.2m (optional).



### Computer control system

1. Adopt the Mitsubishi PLC
2. Adopt Schneider intermediate relay.
3. Overload protection and leakage protection.
4. All electric system is 24V low voltage to protect control component.
5. Alarm system if there is fault in each function.
6. Adopt strong transformer and voltage regulator to ensure steady working.
7. Adopt strong frequency device to control brush system and walking system
8. All connection terminals with unified numbers, comply with CE standard.



Main structures	Walking rails	Computer control system	Pneumatic control system	Water control system	Side brushes	Wheel brushes	Top horizontal brush	Profiled drying system	Multistage water pump station	Foam cleaning system	Wax spraying system
1 set	1 set	1 set	1 set	1 set	2 set	2 set	1 set	1 set	1 set	1 set	1 set

## SY-22A

## Shortwave Infrared Heat Lamp

### PRODUCT FEATURES:

- shade is made of aluminum alloy, stainless steel mirror
- slNd21 inch short-wave infrared
- Mechanical timing adjustment knlb power
- Moves up and down, and up to the roof
- Power: 220V-240V-50Hz 2000W
- Paint area: 800x800mm
- Temperature: 40°C-100°C
- Adjustable time range : 0min-99min
- Paint distance: 400mm-500mm
- Baking distance: putty : 4min-6min
- Primer:6min-8min
- Topcoat:8min-15min



## SY-31A

## Shortwave Infrared Heat Lamp(mechanical)

### PRODUCT FEATURES:

- shade is made of aluminum alloy, stainless steel mirror
- slNd2 1 inch short-wave infrared
- Mechanical control system,economic,generous,stable
- Has a time(0030minutes adjustable).
- Power(30-100%adjustable) separate switch control
- Shaped pipe processing after welding of the column and feet
- Shade lift with abgle adjustment control,lightweight,stability, Can be arbitrary angle rotation to bake the position
- Power: 220V-240V 50Hz/60Hz 3x1000W
- Paint area: 1200x1000mm
- Temperature: 30°C-90°C
- Paint distance: 400mm-600mm
- Baking distance: putty : 4min-6min
- Primer:6min-8min
- Topcoat:8min-15min





## SY-32A

## Shortwave Infrared Heat Lamp(digital Display)

### PRODUCT FEATURES:

slNd2 1 inch short-wave infrared (Optional anti-riot Lamp,and other)  
 Microcomputer control system,economic,generous,stable Has a time(0030minutes adjustable).power(30-100%adjustable) separate switch control  
 Long light work, pulse work, pulse (warm up) automatically turns long-lit work.  
 completion of alarm(optional temperature control, custom-high temperature30°C to the 180°Canother non-standard parameters)  
 Shade lift with abgle adjustment control,lightweight,stability, Caan be arbitrary angle rotation to bake the position  
 Power: 220V-240V 50Hz/60Hz 3x1000W  
 Paint area: 1200x1000mm  
 Temperature: 30°C-90°C  
 Paint distance: 400mm-600mm  
 Baking distance: putty: 4min-6min  
 Primer: 6min-8min  
 Topcoat: 8min-15min



## SY-TECH

## Main Catalogue 23



## SY-808 Steel Body Double Side Spot Welder SY-808

### PRODUCT FEATURES:

The SY-808 spot welder is designed to be used by quality minded body shops during the collision repair process. It is powerful, robust and compact through cutting edge Inverter Technology. A wide range of accessories and sophisticated software with unique automatic control features guarantee perfect welding results.

Information	Picture	Technical parameters
		Model: SY-808 Input voltage : PH/380V, 50/60Hz Input current (A) : 32A Input power (KVA) : 25KVA Max. output current (A) : 9800A Air supply pressure (bar) : 5-8 Clamping pressure (daN) : 117 Doubleside welding thickness (mm) : 2.5+2.5 Single side welding thickness (mm) : 0.6+0.8/0.8+1.0/1.0+1.2 No load voltage (V) : 12.1 Protection degree : Ip21 Cable dia. / length : 95/120mm <sup>2</sup> /2.5m Cable material : 100%Cu Max. welding nugget (mm) : 7 Welding materials melting : AC4.5-8 V Carbon rod heating : AC3.5-5.5 V Spot and butt welding : AC12-14V Timer regulation range (S) : 0.1-2.0 S Current and voltage regulation : Digital stepless regulation (99 steps) Size (mm) : 620×580×1250 Weight (Kg) : 110
Country of Origin: China		
Packing: Export Standard		

### SY-808 Main Accessories:

Washer electrode	Spot elding/screw electrode	Washer	Triangular washer	Manual cupule	Six-claw hook
Four-claw hook	Waved wire	Carbon rod	Large hammer		
S Shape Electrode	Hook (Large Hammer)	Pneumatic cupules device	Triangular shim hammer		
1A Protective tube					

## SY-58E Steel body single side spot welder SY-58E

### PRODUCT FEATURES:

1. Patent outlook, reasonable design, convenience for movement.
2. Changeable and multi-functional welding torch and accessories.
3. Simple and practical panel from which it can easily set the current time.
4. Reminding operator of the equipment's status by temperature warning lamp and prolong the using life.
5. Current controlled by SCR with accurate stepless adjustment.

Information	Picture	Technical parameters
		Input voltage:1PH/220V,50/60Hz Input power(KVA): 18 Input current(A): 18  Max output current(A):4600 Single side welding thickness(mm): 0.6+0.8/0.8+1.0/1.0+1.2 Output voltage:AC4-8V  Timer regulation range(S):0.1-1.2s Current and voltage regulation: Stepless regulation  Size(mm): 615×435×990 Weight(Kg): 60
Country of Origin: China		
Packing: Export Standard		

### SY-58E Main Accessories:

Washer electrode	Spot elding/screw electrode	Washer	Triangular washer	Manual cupule	Six-claw hook
Four-claw hook	Waved wire	Carbon rod	Large hammer		
			Triangular shim hammer		



**SY-68E**

**Steel body single side spot welder SY-68E**

**PRODUCT FEATURES:**

1. Patent outlook, reasonable design, convenience for movement.
2. Changeable and multi-functional welding torch and accessories.
3. Simple and practical panel from which it can easily set the current time.
4. Reminding operator of the equipment's status by temperature warning lamp and prolong the using life.
5. Current controlled by SCR with accurate stepless adjustment.

Information	Picture	Technical parameters
		Input voltage:2PH/380V,50/60Hz Input power(KVA): 20 Input current(A): 23
Country of Origin: China		Max output current(A):5800 Single side welding thickness(mm): 0.6+0.8/0.8+1.0/1.0+1.2 Output voltage:AC4-8V  Timer regulation range(S):0.1-1.2s Current and voltage regulation: Stepless regulation
Packing: Export Standard		Size(mm): 615×435×990 Weight(Kg): 62

**SY-68E Main Accessories:**

Washer electrode	Spot elding/screw electrode	Washer	Triangular washer	Manual cupule	Six-claw hook
Four-claw hook	Waved wire	Carbon rod	Large hammer	Pneumatic cupules device	Triangular shim hammer

**SY-288**

**Steel body sheet metal MIG Welder SY-288**

**PRODUCT FEATURES:**

1. Welding and spot welding continuously.
2. Weld Steel, Stainless Steel, and Aluminum..
3. Easily set the current pulse width/ the interval of current pulse width/ the current magnitude.
4. Optional welding wires: Steel, Stainless Steel, Aluminum, Thle/Uhts(Boron Steel)

Information	Picture	Technical parameters
		Input voltage:3PH/380V, 50/60Hz Fusing current (A): 30 Maxpower(KVA): 10.8 Rated power (KVA@60%): 3.5 Power factor (COS φ) : 10 Noloadvoltage(V): 18-35 Weldingcurrent(A): 35-280 Dutycycle(A): 220A@35% 150A@60% Power setting: 10 Wire spool: 15kg φ 300mm Wire feeding speed (m/min): 2-16m/min Stainless steel wire diameter (mm): 0.8-1.0 Aluminum wire diameter (mm):
Country of Origin: China		0.8-1.0 Brazing wire diameter (mm): 0.8 Cooling measure: Air cooling Wire feeding measure: Built-in single drive wire feeder Insulation class: F Protection degree: IP21S Size(mm): 480×850×720 Weight (Kg): 82
Packing: Export Standard		

**SY-288 Main Accessories:**

15AK Welding Gun(3m)	Gas Regulator	Air Hose	Earth Cable+Clamp

**SY-M6**

**Aluminum body stud spot welder SY-M6**

**PRODUCT FEATURES:**

1. Applicable to restoration for aluminum body, including dent repair, scratch repair, collision damage and defective aluminum rivets.
2. By technology of capacitance energy storage discharge and electrode spot welding, weld aluminum stud bolt at the deformation parts of aluminum body, use crossbar lifter to carry out pulling repair for body deformation. The entire work is operated externally, unnecessary with internal support.

Information	Picture	Technical parameters
		Input voltage: 1PH/100~240V, 50/60Hz Output current measure: Capacitance discharge Capacitance specification (UF): 66000 Control measure: Microprocessor Control interface: Stepless control Charging voltage regulation (V): 40-200 Voltage precision (V): 5 Welding speed (40pcs/s): 40 Discharge period (ms): 40546 Stud bolt length (mm): 6-35 Stud bolt dia. (mm): 4-6/ Aluminum alloy Size (mm): 615×435×940 Weight (Kg): 56
Country of Origin: China		
Packing: Export Standard		

**SY-M6 Main Accessories:**

<p>Welding Torch for Al nail</p>	<p>Precise regulated puller</p>	<p>Four-claw puller</p>	<p>Hooks For Al nail</p>
<p>Earth Cable (2 pies)</p>	<p>AL nail</p>		

**SY-280F**

**IGBT Inverter Pulse Aluminum Body Welder**

**PRODUCT FEATURES:**

SY-280F Inverter pulse melting gas protection welding machine is a kind of high performance professional aluminum body welding machine, which can be used in more than  $\Phi 0.8$ -1.0-1.2 diameter aluminum (4043, 5356), wire. Welding can use more than 0.8 of all kinds of aluminum body. The series inverter welding machine has good performance and reasonable.

Information	Picture	Technical parameters
		Input voltage: 380V3PH+/-10% 50Hz Rated current: 8KVA Rated voltage: 12A Rate duty cycle: 0.6 Input current adjusting range: 60-280A Input voltage adjusting range: 12-30V Output no load voltage: 58v Efficiency: $\geq 89\%$ Power factor: $\geq 0.87$ Carbon steel wire diameter mm: 0.8 / 1.0 / 1.2 Gas rate of flow: 15-20L/min transformer insulation class: H Inductor insulation class: B
Country of Origin: China		
Packing: Export Standard		
		$\Phi 1.0$ mm High quality aluminum wire ( choose ) Weight: 6kg/piece

**SY-280F Main Accessories:**

<p>Italy aluminum welding gun</p>	<p><math>\Phi 1.0</math>mm High quality aluminum wire ( choose )</p>	<p>Gas Regulator</p>
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## SY-850

## Battery charging booster SY-850

### PRODUCT FEATURES:

Fit for charging of battery of gasoline/diesel engine, motorcycle and watercraft, also fit for directly boost vehicles. Has function of normal charging, quick charging and quick boosting.

1. Equipped with the protecting devices of over heat and over load.
2. For 12/24V plumbous acid battery.

Information	Picture	Technical parameters
	 <p>Remark: SY-850 for saloon car/medium bus</p>	Rated voltage: 1P/220V Rated power (KVA): 2 Max.charging current (A): 40 Max.starting current (A): 850 Out put voltage (V): 12V-24V Working time (H): 0-6 Fuse current (A): 150 Weight (Kg): 37.5
Country of Origin: China		
Packing: Export Standard		


## SY-1300

## Battery charging booster SY-1300

### PRODUCT FEATURES:

Fit for charging of battery of gasoline/diesel engine, motorcycle and watercraft, also fit for directly boost vehicles. Has function of normal charging, quick charging and quick boosting.

1. Equipped with the protecting devices of over heat and over load.
2. For 12/24V plumbous acid battery.

Information	Picture	Technical parameters
	 <p>Remark: SY-1300 for saloon car/medium bus</p>	Rated voltage: 1P/220V Rated power (KVA): 3 Max.charging current (A): 60 Max.starting current (A): 1300 Out put voltage (V): 12V-24V Working time (H): 0-6 Fuse current (A): 150 Weight (Kg): 38.5
Country of Origin: China		
Packing: Export Standard		


## SY-1800

## Battery charging booster SY-1800

### PRODUCT FEATURES:

Fit for charging of battery of gasoline/diesel engine, motorcycle and watercraft, also fit for directly boost vehicles. Has function of normal charging, quick charging and quick boosting.

1. Equipped with the protecting devices of over heat and over load.
2. For 12/24V plumbous acid battery.

Information	Picture	Technical parameters
	 <p>Remark: SY-1800 for saloon car/medium bus</p>	Rated voltage: 2P/380V Rated power (KVA): 4.5 Max.charging current (A): 80 Max.starting current (A): 1800 Out put voltage (V): 12V-24V Working time (H): 0-6 Fuse current (A): 300 Weight (Kg): 60
Country of Origin: China		
Packing: Export Standard		

**SY-40**

**Battery charging booster SY-40**

**PRODUCT FEATURES:**

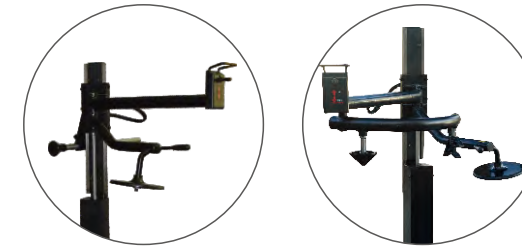
The CRS-40 plasma cutters adopt advanced inverter technology. They can cut steel, stainless steel, aluminium, copper etc. The equipment features its vivid cutting rim, high effective cutting and clean. They also can cut down the bad part of the car without destroying the intact part but with narrow

Information	Picture	Technical parameters
	<p>Remark: The price is quoted without tool Car</p>	Input voltage: 1PH/220V, 50/60Hz Rated power (KVA): 6.6 Output current (A): 15-40 Output voltage (V): 96 Duty cycle (%): 60 No load wastage (W): 40 Power factor: 0.73 Insulation class: F Protection degree: IP21 Arc starting measure: Touch arc starting Air pressure (Kg): 4~5 Steel plate cutting thickness (mm): 0.5-10 Aluminum plate cutting thickness (mm): 40549 Size (Kg): 500×210×330 Weight (mm): 9
Country of Origin: China		
Packing: Export Standard		

**SY-40 Main Accessories:**

<p>Italy aluminum welding gun</p>	<p>Φ1.0mm High quality aluminum wire ( choose )</p>
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**SY-9800S**



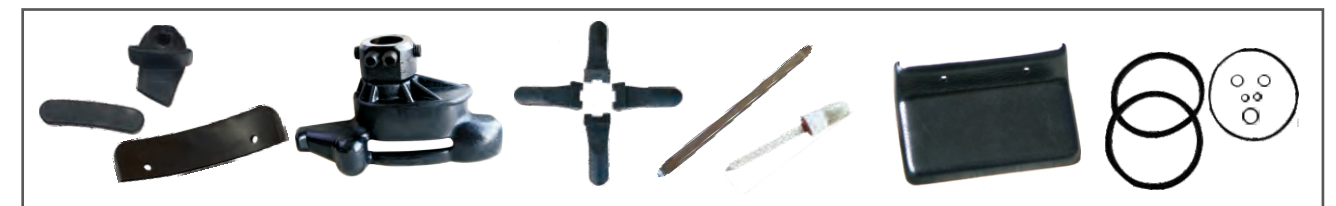
**PRODUCT FEATURES:**

- With self-centering function.
- Clamping system with stepping function.
- Tilting back tower and pneumatic locking system
- Angle of mount/demount tool can be adjusted and calibrated.
- The high quality polymer mounts/demounts tool prevents the rim from damage.
- Plastic protector special for mounts/demounts tool.
- Wheel lift(optional).
- Adapter for motorcycle(Optional).
- Bead seating inflation jets are integrated in the clamping jaws insuring quick and safe inflation(Optional).
- Wear-resistant washer(Optional).
- Portable air filling tank(Optional).
- Opptional colours:

**TECHNICAL DATA:**

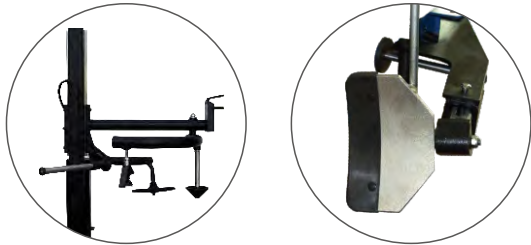
Power supply/ Motor power	110V/220V/380V 0.75/1.1KW
Air supply	8-12bar (0.8-1.2Mpa)
Rim clamping range ( External )	12"-24" (305-610mm)
Rim clamping range( Internal )	14"-26" (355-660mm)
Bead breaker force	5500Lb(2500kg)
Max.Wheel diameter	43" (1100mm)
Max.Wheel width	15" (381mm)
Noise	<70dB
N.W./G.W.	680Lb/943Lb (309Kg/428kg)

**STANDARD ACCESSORIES:**





## SY-9000A



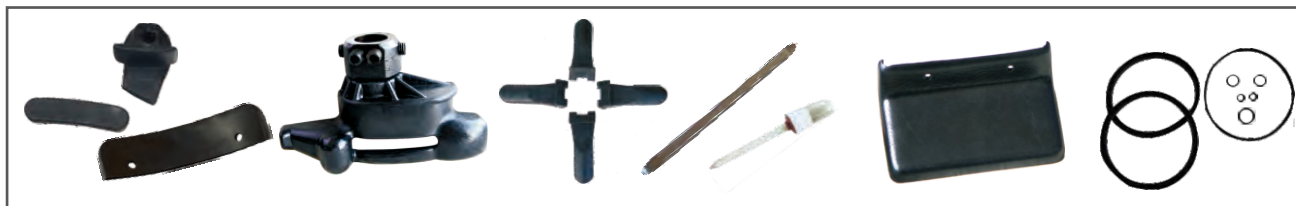
### PRODUCT FEATURES:

- With self-centering function.
- Clamping system with stepping function.
- Tilting column and pneumatic locking system
- Angle of mount/demount tool can be adjusted and calibrated.
- The high quality polymer mounts/demounts tool prevents the rim from damage.
- Plastic protector special for mounts/demounts tool.
- Assist arm AL-320C(Optional).
- Wheel lift(Optional).
- Air pressure gauge (optional)
- Bead seating inflation jets are integrated in the clamping jaws insuring quick and safe inflation(Optional).
- Air reserve tank(Optional).
- Wear-resistant washer(Optional).
- Portable air filling tank(Optional).
- Adapter for motorcycle(Optional).
- Optional colours:

### TECHNICAL DATA:

Power supply/ Motor power	110V/220V/380V 0.75/1.1KW
Air supply	8-12bar (0.8-1.2Mpa)
Rim clamping range ( External )	11"-24" (275-653mm)
Rim clamping range( Internal )	13"-26" (325-702mm)
Bead breaker force	5500Lb(2500kg)
Max.Wheel diameter	43" (1100mm)
Max.Wheel width	13" (330mm)
Noise	<70dB
N.W./G.W.	658Lb/779Lb (299Kg/354kg)

### STANDARD ACCESSORIES:



## SY-4600

### PRODUCT FEATURES:

- With self-centering function.
- Wear-resistant washer(Optional).
- Angle of mounts/demounts tool can be adjusted and calibrated..
- Plastic protector special for mounts/demounts tool.
- Clamping system with stepping function.
- The hexagonal shaft is locked from outside.
- Assist arm AL-340(Optional).
- With 3-foot-operation pedals to work easier.
- Optional adapter for motorcycles(Optional).
- Opptional colours:

### Standard accessories:



### TECHNICAL DATA:

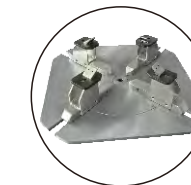
Power supply/ Motor power	110V/220V/380V 0.75/1.1KW
Air supply	8-12bar (0.8-1.2Mpa)
Rim clamping range ( External )	10"-20" (255-510mm)
Rim clamping range( Internal )	12"-22" (305-560mm)
Bead breaker force	5500Lb(2500kg)
Max.Wheel diameter	39" (1000mm)
Max.Wheel width	13" (330mm)
Noise	<70dB
N.W./G.W.	424Lb/513Lb (193Kg/233kg)

## SY-4900

### PRODUCT FEATURES:

- With self-centering function.
- Plastic protector special for mounts/demounts tool.
- Angle of mounts/demounts tool can be adjusted and calibrated..
- Clamping system with stepping function.
- Suitable for both cars and motorcycles(Optional).
- Assist arm AL-340(Optional).
- With 5-foot-operation pedals to work easier.
- Optional colours:

### STANDARD ACCESSORIES:



### TECHNICAL DATA:

Power supply/ Motor power	110V/220V/380V 1.1/0.75KW
Air supply	8-12bar (0.8-1.2Mpa)
Rim clamping range ( External)first position	6"-15" (152mm-381mm)
Rim clamping range ( Internal)first position	8"-17" (203mm-432mm)
Rim clamping range ( External)second position	12"-20" (305mm-508mm)
Rim clamping range ( Internal)second position	14"-22" (356mm-559mm)

Bead breaker force	5500Lb(2500Kg)
Max.Wheel diameter	39"(1000mm)
Max.Wheel width	13"(330mm)
Noise	<70dB
N.W./G.W.	385Lb/462Lb (175Kg/210Kg)

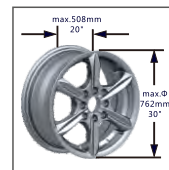
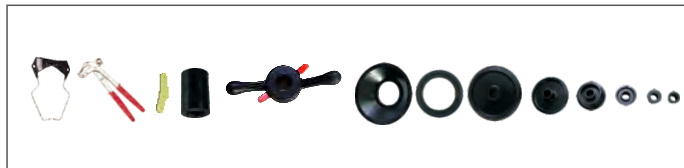
## SY-1280

### PRODUCT FEATURES:

- With tire models conversion function, suitable for all kinds of small, medium and large tires.
- No belt driving.
- With function for multi dynamic and static balancing.
- Multi-positioning way.
- Self-calibration ensure a long service life.
- Ounces/gram mm/inch conversion;
- Unbalance value displayed accurately and the position to add the standard weights is indicated definitely
- With security interlock protection full-automatic pneumatic lift is used to the big size wheels.
- Automatic pneumatic brake .
- Manual locks positioning to make operation more conveniently.
- Optional four-hole/five-hole adapter.
- High and low rotating speed can be transformed automatically.

· Optional colours:

### STANDARD ACCESSORIES:



Rim size



Max.wheel weight



Optimal matching function



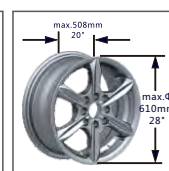
## SY-8900

### PRODUCT FEATURES:

- Hiding indicator function.
- LCD or CRT Monitor.
- Operation Menu in multi- languages (English,French, German and Italian).
- Automatic gauge.
- Self-calibration and full-automatic diagnosis applied.
- Multi-balancing choices for different wheel structures.
- Multi positioning ways.
- Optional unbalance value accuracy (1g---10g) .
- With imbalance optimization (OPT) function.
- Ounce/gram conversion.
- Laser unit.
- Fully automatic locking device(Optional).
- Opptional colours:



### STANDARD ACCESSORIES:



Rim size



Max.wheel weight



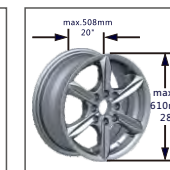
Optimal matching function

## SY-8000

### PRODUCT FEATURES:

- OPT balance function.
- Hiding indicator function.
- Automatic tire gauge.
- Multi-balancing choices for different wheel structures.
- Multi positioning ways.
- Self-calibration program to ensure a long service life
- Ounce/gram conversion.
- Unbalance value displayed accurately and the position to add the standard weights is indicated definitely
- Protective hood (Optional)
- Optional colours:

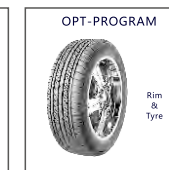
### STANDARD ACCESSORIES:



Rim size



Max.wheel weight



Optimal matching function

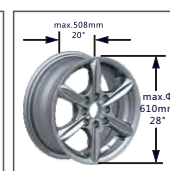


## SY-8600

### PRODUCT FEATURES:

- Dynamic Unbalance.
- Static Unbalance.
- Static- ALU1,ALU2,ALU3.
- ALU-S Function.
- OPT Unbalance
- Hiding Indicator.
- gram/ounce conversion mm/inch conversion
- Automatic gauge
- Automatic sticking weight
- Self Calibration
- Protective hood
- Self- Diagnostics
- Optional colours:

### STANDARD ACCESSORIES:



Rim size



Max.wheel weight



Optimal matching function





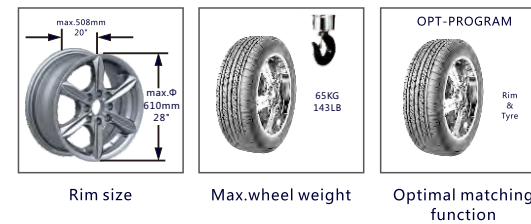
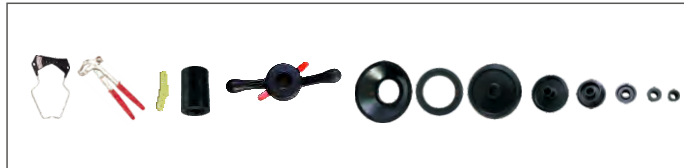
## SY-5500

### PRODUCT FEATURES:

- OPT balance function.
- Multi-balancing choices for different wheel structures.
- Multi positioning ways.
- Self-calibration program.
- Ounce/gram conversion.
- Unbalance value displayed accurately and the position to add the standard weights is indicated definitely.
- Hood-Actuated Auto-start.
- Optional colours:



### STANDARD ACCESSORIES:



## SY-5300

### PRODUCT FEATURES:

- OPT balance function.
- Multi-balancing choices for different wheel structures.
- Multi positioning ways.
- Self-calibration program .
- Ounce/gram conversion.
- Unbalance value displayed accurately and the position to add the standard weights is indicated definitely.
- Hood-Actuated Auto-start.
- Optional colours:



### STANDARD ACCESSORIES:



## SY-301GB

SY-301GB Wheel balancer highly accurate electronic wheel balancer automatic data entry, available with 40mm or or 36mm spin shaft

### Specifications:

- Maximum tire diameter capacity:36"
- Maximum tire width capacity:17"
- Maximum wheel weight capacity wheel capacity:143 LBS/65KGS
- Balancing speed: Less than 200 RPM
- Tire/Rim balancing modes:Dynamic,static,ALU1,ALU2,ALU3,ALUS
- Cycle time:6 to 15 seconds wheel weight dependent
- Balancing accuracy:0.035 ounce/1 gram
- Packing size:97\*77\*115cm
- Gross weight:135 kg
- Voltage:220v,50hz,1ph



## SY-201GB

·SY-201GB Tire Changer, high quality pressure tubing from Japan,75mm width swing arm design fo strength mounting and demounting; adjustable long protection sleeve for vertical hexagonal

### Technical data:

- Outside clamping: 10"-21"
- Inside clamping: 10"-23"
- Max wheel diameter: 14"
- Max wheel width: 39"
- Working air pressure: 8 bar
- Shipping weight: 200kgs
- Voltage options: 110v/60HZ/1PH  
220v/50HZ/60HZ 1PH  
380V/50HZ/60HZ 3PH
- Packing size:97\*77\*100cm



## SY-377

SY-377 Wheel balancer

**Technical data:**

Max tire diameter capacity:40"(W/O hood) or 32"(with hood)  
 Max tire width capacity:20"(ET<45mm)  
 Max rim diameter capacity:29" (W/O hood) or 26"(with hood)  
 Max rim width capacity:100kg  
 Max wheel weight: 100 kg  
 Balancing precision: 1g(0.05oz)  
 Balancing speed:180 RPM  
 Packing details:97\*77\*115cm  
 Shipping weight:125 KG  
 Voltage: 220V/110V 50HZ/60HZ



## SY-722

SY-722 tire changer

**Technical data:**

Rim width data range:1.5"-20"  
 Rim diameter data range:8"-30"  
 Rim diameter input range with data arm: "-28"  
 Max rim width:20"  
 Max wheel diameter: 46"  
 Distance to spin flange: 11.2"  
 Max wheel weight: 176lb(80kg)  
 Average balancing speed: 100 RMP  
 Balancing precision: 1g(0.05oz)  
 Balancing speed:180 RPM  
 Packing details:98\*77\*113cm  
 Shipping weight:142 KG  
 Voltage: 220V/110V 50HZ/60HZ



## SY-223GB

SY-233GB Tire changer, high quality pressure tubing from Japan, pneumatic tilt back : pneumatic horizontal and vertical locking

**Technical data:**

Outside clamping: 11"-21"  
 Inside clamping: 13"-23"  
 Max wheel diameter: 13"  
 Max wheel width: 39"  
 Working air pressure: 8 bar  
 Shipping weight: 260kgs  
 Voltage options: 110v/60HZ/1PH  
                   220v/50HZ/60HZ 1PH  
                   380V/50HZ/60HZ 3PH  
 Packing size:97\*77\*100cm



## SY-233GB+AR

SY-233GB+AR Tire changer, Powerful pneumatically controlled assist arm for mounting and demounting tires;360 degree assist arm design allow deal with different size of wheel and tires; power roller allows e bead and rim lubrication plus assists mounting of run flat and low profile tires; design to change run-flat, profile, alloy wheels and standard wheels and tires

**Technical data:**

Working air pressure: 8 bar  
 Outside clamping: 11"-21"  
 Inside clamping: 13"-23"  
 Max wheel width:13"  
 Max wheel diameter: 39"  
 Shipping weight:385 kg  
 Voltage options:  
                   110v/60HZ/1PH  
                   220v/50HZ/60HZ 1PH  
                   380V/50HZ/60HZ 3PH  
 Packing size:97\*77\*100cm





## SY-722

SY-766 Wheel balancer

### Technical data:

Rim diameter data range:8"-30" Max rim width:16"(ET<45mm)  
 Rim diameter input range with data arm:8"-28"  
 Max wheel diameter 40"(wo hood) or 26" (with hood)  
 Distance to spin flange:11.2"  
 Max wheel weight:120 kg  
 Balancing precision:1 g(0.05oz)  
 Balancing speed:180 RMP  
 Monitor/display: LCD display  
 Ounce/Gram selectable : YES  
 Packing size:98\*77\*113cm 110V-240V,60hz,50hz for YES  
 Shipping weight:120kg Electrical(AC): 0.5A



## SY-766

SY-766 Wheel balancer

### Technical data:

Rim diameter data range:8"-30" Max rim width:16"(ET<45mm)  
 Rim diameter input range with data arm:8"-28"  
 Max wheel diameter 40"(wo hood) or 26" (with hood)  
 Distance to spin flange:11.2"  
 Max wheel weight:120 kg  
 Balancing precision:1 g(0.05oz)  
 Balancing speed:180 RMP  
 Monitor/display: LCD display  
 Ounce/Gram selectable : YES  
 Packing size:98\*77\*113cm 110V-240V,60hz,50hz for YES  
 Shipping weight:120kg Electrical(AC): 0.5A



## SY-233GB

SY-233 SUPER Tire Changer, Powerful pneumatic controlled assist arms save your time for mounting/demounting tire; pneumatic center drop allows to get tire easy mount on center position of turntable; 360 degree assist arm design allow deal with different size of wheel and tires; Table top bead blast system design inflate without extra work movement(optional);CE approved pressure tanks. Ulmh equip and speed up demount and mount process.

### Technical data:

Outside clamping:10"-24" Inside clamping: 12"-26"  
 Max wheel diameter: 14" Max wheel width:42"  
 Working air pressure: 8bar Shipping weight:290kgs  
 Voltage option: 110v/60HZ/1PH  
 220v/50HZ/60HZ 1PH  
 380V/50HZ/60HZ 3PH  
 Packing size:115\*77\*100cm  
 Others: adjustable breaker shovel



## SY-233 SUPER

SY-233 SUPER Tire Changer, Powerful pneumatic controlled assist arms save your time for mounting/demounting tire; pneumatic center drop allows to get tire easy mount on center position of turntable; 360 degree assist arm design allow deal with different size of wheel and tires; Table top bead blast system design inflate without extra work movement(optional);CE approved pressure tanks. Ulmh equip and speed up demount and mount process.

### Technical data:

Outside clamping:10"-24" Inside clamping: 12"-26"  
 Max wheel diameter: 14" Max wheel width: 42"  
 Working air pressure: 8bar Shipping weight: 290kgs  
 Voltage option: 110v/60HZ/1PH  
 220v/50HZ/60HZ 1PH  
 380V/50HZ/60HZ 3PH  
 Packing size:115\*77\*100cm  
 Others: adjustable breaker shovel



## SY-G6T

### Characteristics of 3D Wheel Alignment:

32" LED TV display, fully shows glamour of 3D Technology, Cross beam height can be adjustable manually. Cross beam will stop and be locked at right position just by pulling or pushing. No rims compensation, dynamic automatic compensation by pushing the car, 1.5minutes to read the basic parameters. No need to see the computer screen in the process of vehicle pushing, indicative light around camera could guide the operation.

### Standard Configuration:

small compact cabinets, 32"LED TV, Brand computer, High quality printer, Target plates, Pylon, Brake fixer, Steering wheel fixer, Wedge pads, Turntables, Turntable transition blocks

### Software Features

- ◆ Basic Functions:
  - parameters measurement such as camber, Caster, Kingpin inclination, Toe-in & Toe-out, Set back, Thrust angle
- ◆ Extension Functions:
  - Steering wheel Aligning
  - Vehicle Lift Measurement,
  - Single Wheel measurement,
  - Inspection of lifting Height level
  - Axis Deviation Measurement
  - Wheel Deviation Measurement



Measurement project	Accuracy	Measurement range
Display accuracy	1"/0.01"/1MM	
Camber	±2'	±10'
Caster	±6'	±20'
Kingpin Inclination	±6'	±23'
Toe-in & Toe-out	±2'	±20'
Set back	±2'	±5'
Thrust angle	±2'	±5'
Wheel Deviation	±2mm'	
Axis Deviation	±2mm'	

## SY-Q7

### Features:

- Bluetooth wireless head communication
- 8-beam infrared image transmission
- Easy to operate with 4 function keys
- 3D animation guide
- Remote control on sensor panel
- More than 20,000 vehicle database
- Electronic level
- Run-out compensation function
- Axle run-out measuring
- Thrust line alignment assures steering wheel level

### Technical data

Measuring angle	Accuracy	Range
Toe	±2'	±6°
Individual Toe	±1'	±3°
Camber	±2'	±10°
Caster	±5'	±18°
SAI	±5'	±20°
Thrust	±2'	±5°



### Standard Package

Personal Computer, 18.5" LCD monitor, Color ink jet printer, Keyboard, Mouse, 4-point Clamp, Turn plate, Cabinet, Steering lock, Pedal presser, Operation manual, Shims.

### Optional items

Toe Curve tool; True zero calibration fixture, Alignment lift

## SY-Q9

### Q9 (Export model) Features (LCD panel)

- Bluetooth wireless head communication
- 8-beam infrared image transmission
- Jack-hold front Camber/Caster adjustment
- 3D animation guide
- Low spoiler front Toe measurement
- Electronic level
- AUDI/VW Toe curve program
- Run-out compensation function
- Axle run-out measuring
- Remote control on sensor panel
- Self-diagnostic System
- "Black Box" function just like airplane
- Thrust line alignment assures steering wheel level

### Technical data:

Measuring angle	Accuracy	Range
Toe	±2'	±6°
Individual Toe	±1'	±3°
Camber	±2'	±10°
Caster	±5'	±18°



SAI	±5'	±20°
Thrust	±2'	±5°

### Standard Package

PC, 18.5" LCD, Color ink jet printer, Keyboard, Mouse, 3 or 4-point Clamp, Turn plates, Bluetooth receiver, Cabinet, Steering lock, Pedal presser, Operation manual, Shims.



## SY-C180

### SY-C180 Spray Gun Specifications:

1. Die casting manufacturing.
2. Gravity type.
3. Nozzle 1.3"-2.0"
4. Spray pattern 200"-310"
5. Fluid output 130-300 ml/min
6. Air consumption 400 L/min
7. Air pressure 0.2-0.3 Mpa
8. Cup volume 600 ml
- 1KG



## SY-C260

### Spray Gun SY-C260 Specifications:

1. Forging manufacturing.
2. High precision, high density
3. Gravity type.
4. Nozzle: 1.3"-2.0"
5. Spray pattern : 200"-310"
6. Fluid output : 130-300 ml/min
7. Air consumption: 400 L/min
8. Air pressure: 0.2-0.3 Mpa
9. Cup volume: 600 ml



## SY-C300

### Spray Gun SY-C300 Specifications:

1. Type High Pressure Gun
2. Application Paint Spray Gun
3. Cup Volume 1000ML
4. Diameter 1.7/2.0/2.5mm
5. Spray range 250-350/mm
6. Flow rate 220-340ml/min
7. Mpa 0.2-0.3
8. Liter 1000



## SY-0.17/8

Model: SY-0.17/8  
 Parameters:  
 Power: 1.5/2 (Kw/HP)  
 Voltage: 220V/380V  
 Cylinder diameter and quantity:  $\Phi 51 \times 2$   
 Speed: 1030 rpm  
 Max. Pressure: 8 bar  
 Air delivery: 170 L/min  
 Tank: 50L  
 Net weight: 80kg  
 Outside dimension: 995x450x800mm (LXWXH)



## SY-0.25/8

Model: SY-0.25/8  
 Parameters:  
 Power: 2.2/3 (Kw/HP)  
 Voltage: 220V/380V  
 Cylinder diameter and quantity:  $\Phi 65 \times 2$   
 Speed: 980 rpm  
 Max. Pressure: 8 bar  
 Air delivery: 250 L/min  
 Tank: 70L  
 Net weight: 90kg  
 Outside dimension: 1050x420x800mm (LXWXH)



## SY-0.36/8

Model: SY-0.36/8  
 Parameters:  
 Power: 3/4 (Kw/HP)  
 Voltage: 380V  
 Cylinder diameter and quantity:  $\Phi 65 \times 3$   
 Speed: 1140 rpm  
 Max. Pressure: 8 bar  
 Air delivery: 360 L/min  
 Tank: 88L  
 Net weight: 110kg  
 Outside dimension: 1190x450x940mm (LXWXH)



## SY-0.36/12.5

Model: SY-0.36/12.5

Parameters:

Power: 3/4 (Kw/HP)

Voltage: 220V

Cylinder diameter and quantity:  $\Phi 65$  x3 and  $\Phi 51$  x1

Speed: 1140 rpm

Max. Pressure: 12.5 bar

Air delivery: 360 L/min

Tank: 88L

Net weight: 110kg

Outside dimension: 1190x450x840mm (LXWXH)



## SY-0.6/8

Model: SY-0.6/8

Parameters:

Power: 4/5.5 (Kw/HP)

Voltage: 380V

Cylinder diameter and quantity:  $\Phi 90$  x2

Speed: 860 rpm

Max. Pressure: 8 bar

Air delivery: 600 L/min

Tank: 100L

Net weight: 140kg

Outside dimension: 1200x480x880mm (LXWXH)



## SY-0.9/12.5

Model: SY-0.9/12.5

Parameters:

Power: 7.5/10 (Kw/HP)

Voltage: 380V

Cylinder diameter and quantity:  $\Phi 90$  x2 and  $\Phi 65$  x1

Speed: 920 rpm

Max. Pressure: 12.5 bar

Air delivery: 900 L/min

Tank: 180L

Net weight: 190kg

Outside dimension: 1330x540x980mm (LXWXH)



## SY-0.9/15

Model: SY-0.9/15

Parameters:

Power: 7.5/10 (Kw/HP)

Voltage: 380V

Cylinder diameter and quantity:  $\Phi 90$  x2 and  $\Phi 65$  x1

Speed: 920 rpm

Max. Pressure: 15 bar

Air delivery: 900 L/min

Tank: 180L

Net weight: 190kg

Outside dimension: 1330x540x980mm (LXWXH)



## SY-1.05/15

Model: SY-1.05/15

Parameters:

Power: 7.5/10 (Kw/HP)

Voltage: 380V

Cylinder diameter and quantity:  $\Phi 105$  x2 and  $\Phi 55$  x2

Speed: 760 rpm

Max. Pressure: 15 bar

Air delivery: 1050 L/min

Tank: 290L

Net weight: 380kg

Outside dimension: 1600x580x1200mm (LXWXH)



## SY-1.6/8

Model: SY-1.6/8

Parameters:

Power: 11/15 (Kw/HP)

Voltage: 380V

Cylinder diameter and quantity:  $\Phi 100$  x3

Speed: 880 rpm

Max. Pressure: 8 bar

Air delivery: 1600 L/min

Tank: 320L

Net weight: 480kg

Outside dimension: 1700x640x1200mm (LXWXH)





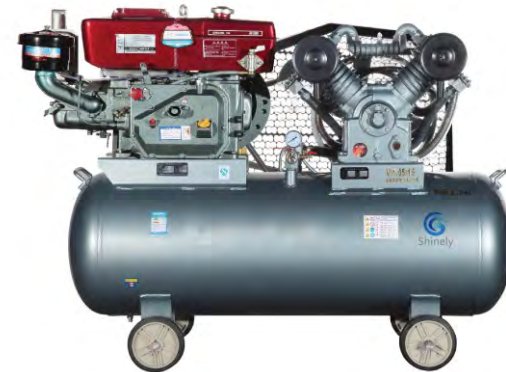
## SY-0.9/15

Model: SY-0.9/15  
 Parameters:  
 Power: Diesel  
 Cylinder diameter and quantity:  $\Phi 90 \times 2$  and  $\Phi 65 \times 1$   
 Speed: 920 rpm  
 Max. Pressure: 15 bar  
 Air delivery: 900 L/min  
 Tank: 220L  
 Net weight: 190kg  
 Outside dimension: 1330x540x980mm (LXWXH)



## SY-1.05/15

Model: SY-1.05/15  
 Parameters:  
 Power: Diesel  
 Cylinder diameter and quantity:  $\Phi 105 \times 2$  and  $\Phi 55 \times 2$   
 Speed: 760 rpm  
 Max. Pressure: 15 bar  
 Air delivery: 1050 L/min  
 Tank: 290L  
 Net weight: 390kg  
 Outside dimension: 1600x580x1200mm (LXWXH)



### AMG Shinely

#### Dedication makes professional TOSUN Tail Gas Exhaust & Extraction System

Shinely Tail Gas Exhaust & Extraction System features high quality, attractive appearance, reasonable price and flexible configuration. The system consists of such components as aluminum alloy pipe, airproof gluey strips, suction carriage, high-temperature resistant hose, stainless steel or rubber nozzle and low-noise aluminum centrifugal fan. When toxic exhaust gas and smoke from engine combustion reach the end of exhaust funnel, they are captured by negative-pressure tail gas exhaust/extraction pipes and forced outdoors, thus effectively improving indoor air quality and keeping the site mechanic respiration system from the impact of toxic gases. Shinely customers include 4S car stores, repair shops, polytechnic schools, fire stations and inspection stations and we have exported some products to countries in Central Asia and Southeast Asia, winning extensive favor from customers!



## SY-75-I

#### PRODUCT FEATURES:

SY75-I tail gas exhaust & extraction system consists of aluminum alloy rail, airproof gluey strips, moveable exhaust & extraction terminal, low-noise aluminum centrifugal fan, PVC auxiliary pipe and other components.

- Aluminum alloy rail features 152mm inside diameter and is extrusion-molded with 6063-t5 high-quality aluminum material on 3600t extruding molds, thus ensuring attractive dimension, high strength and large ventilation section.
- Each 8m aluminum alloy rail is provided with a moveable exhaust & extraction terminal and the terminal consists of 8-wheel suction carriage, transitional air tube, 3.3m 75mm exhaust & extraction hose and stainless steel nozzle.
- Power for fan is determined based on actual operating conditions. As optional equipment, the system can be provided with automatic control system and purifier.
- This system is suitable for high-volume tail gas exhaust and extraction for 4S stores and repair shops with properly arranged working stations.



## SY-75-II

### PRODUCT FEATURES:

SY-75-II is an upgraded version of SY75-I. It further consists of balancer for hanging exhaust & extraction pipe and facilitating operation; rubber nozzle instead of stainless steel nozzle to prevent operators from getting burnt; exhaust/extraction hose can be extended to 3.6m, 4m, 5m or 10m based on specific needs.



## SY-75-IB

### PRODUCT FEATURES:

- SY-75-IB tail gas exhaust & extraction system consists of aluminum alloy rail, airproof gluey strips, moveable exhaust & extraction terminal, low-noise aluminum centrifugal fan, PVC auxiliary pipe and other components.
- Aluminum alloy rail features 130mm inside diameter and is extrusion-molded with 6063-t5 high-quality aluminum material on 2500t extruding molds, thus ensuring direct access, attractive dimension, lightweight and flexibility.
- Each 8m aluminum alloy rail is provided with a moveable exhaust & extraction terminal and the terminal consists of 4-wheel suction carriage, transitional air tube, 3.3m 75mm exhaust & extraction hose and stainless steel nozzle.
- Power for fan is determined based on actual operating conditions. As optional equipment, the system can be provided with automatic control system and purifier.
- This system is suitable for 4S stores and repair shops with properly arranged working stations.



## SY-75-IIB

### PRODUCT FEATURES:

SY-75-IIB is an upgraded version of SY75-IB. It further consists of balancer for hanging exhaust & extraction pipe and facilitating operation; rubber nozzle instead of stainless steel nozzle to prevent operators from getting burnt; exhaust/extraction hose is extended to 3.6m.



## SY-75

### PRODUCT FEATURES:

- SY-75 tail gas exhaust & extraction system integrates the advantages of TH rail model and TG reel model. It features attractive dimension and spacious working range, making it a preferred solution for 4S high-end car stores and overseas customers.
- SY75 tail gas exhaust & extraction system consists of spring-operated rotary reel, 7.5m 75mm exhaust & extraction hose, nozzle, centrifugal fan, PVC auxiliary pipe and other components.
- Exhaust & extraction hose can be extended based on specific needs and spring-operated reel can wind flexibly.
- This system can operate as a standalone system or multiple systems can work together to share one fan. Power for fan is determined based on actual operating conditions. As optional equipment, the system can be provided with automatic control system and purifier.
- This system is suitable for high-volume tail gas exhaust and extraction for 4S stores and repair shops with properly arranged working stations and exhaust/extraction hose includes 75, 100, 125 or 150 inside diameter for your option.



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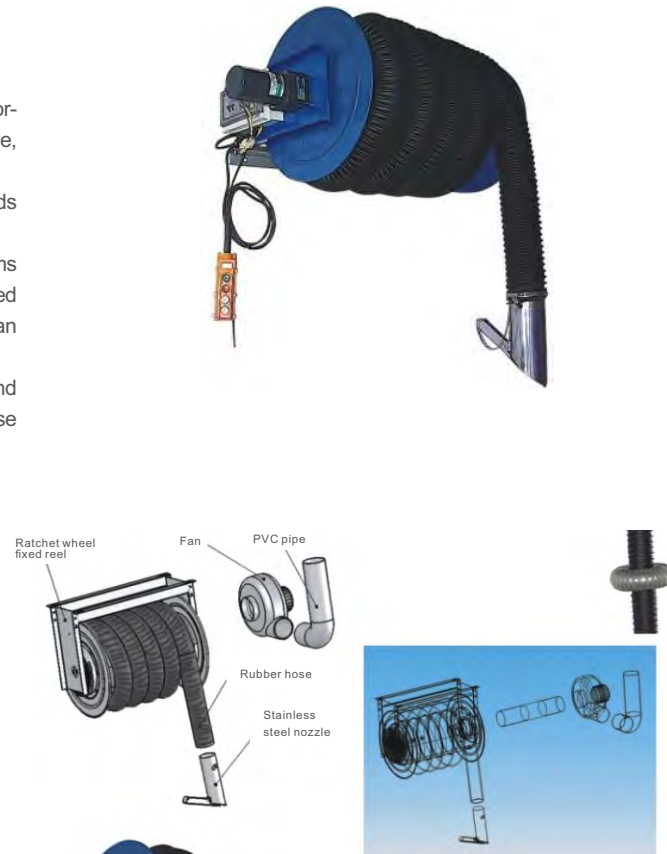




## SY-100

### PRODUCT FEATURES:

- SY-100 tail gas exhaust & extraction system consists of motor-operated rotary reel, 7.5m 100mm exhaust & extraction hose, nozzle, centrifugal fan, PVC auxiliary pipe and other components.
- Exhaust & extraction hose can be extended based on specific needs and motor-operated reel can wind flexibly.
- This system can operate as a standalone system or multiple systems can work together to share one fan. Power for fan is determined based on actual operating conditions. As optional equipment, the system can be provided with automatic control system and purifier.
- Compared with spring-operated reel, motor-operated reel can wind longer hose without restriction by spring size. Exhaust/extraction hose includes 75, 100, 125 or 150 inside diameter for your option.



## SY-75

### PRODUCT FEATURES:

- In SY-75 tail gas exhaust & extraction system, the nozzle is directly connected with fan inlet and a one-way device is used to move fan up and down to facilitate operation.
- Floor-moveable carriage moves on 4 advanced universal wheels. It is equipped with braking device, moves flexibly and resists oil and abrasion.
- Equipped with small purifier, 3.3m exhaust & extraction hose and 320w/220v centrifugal fan.
- Floor-moveable type is suitable for single working station or used in combination with aboveground or underground hard pipes.



## SY-75B

### PRODUCT FEATURES:

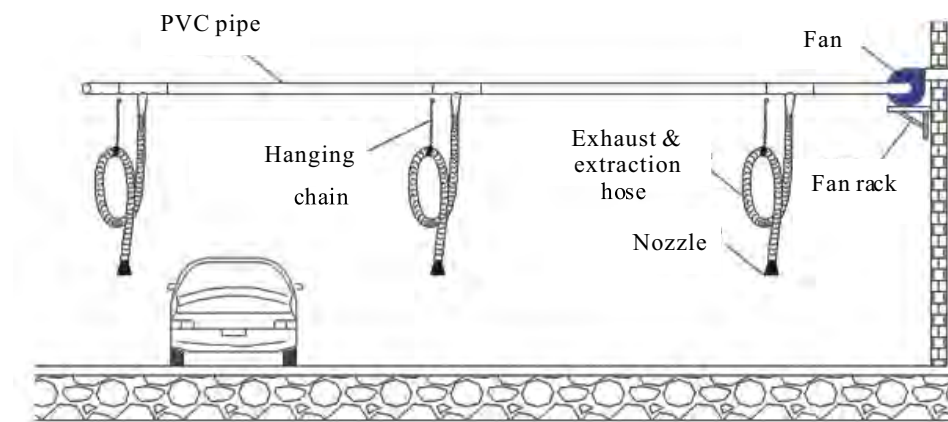
- In SY-75B tail gas exhaust & extraction system, hard pipe, exhaust & extraction hose and nozzle are all buried underground to save space and resources.
- Smoke pipe is separated from storage pipe to reduce resistance for smoke pipe and prevent exhaust & extraction hose from being blackened by smoke.
- Equipped with aluminum manhole cover. The opening and closing operation of the cover automatically controls the on/off operation of the fan.
- Power for fan is determined based on actual operating conditions. As optional equipment, the system can be provided with purifier.



## SY-75

### PRODUCT FEATURES:

- SY-75 tail gas exhaust & extraction system is based on hard pipes, thus featuring poorer flexibility but lower cost.
- As optional equipment, the system can be provided with purifier



Spring reel	Purifier	8-wheel carrier	4-wheel carrier	Electric control box	
Low-noise centrifugal aluminum fan	Buried-type auto pump	Exhaust & extraction hose	152mm aluminum alloy rail	130mm aluminum alloy rail	
Balancer	Type A aluminum manhole cover	Type B aluminum manhole cover	Connecting pipe	Cover for blind end	Cover for through end

75 rubber nozzle	100 rubber nozzle	75 stainless steel nozzle	100 stainless steel nozzle	Stainless steel 3-way connector			
Buried components	Buried components	Tripod	Hanging fixture	Fan rack	Airproof gluey strip		
Scroll spring	Steel wire tensioner & fastener	Chain	Strap	Pipe fitting	screw hanger ring	Self-tapping screw / expansion screw	L hanger panel

## SY-V5

SY-V5 moveable, full automatic, Economical sanders with dust extraction system .  
 High efficient, dust-free solution, movable workstations, can adapt workplace change. the work efficiency increased by 70%.  
 central dust-collection system.  
 High speed on polishing and grinding,more efficiency, environmental protection dust collection design, ensure a clean and healthy working environment.  
 With the function of automatic switch and German imported low noise constant power environmental protection motor, strong suction. the main cabinet is equipped with the rack, convenient for operator to place the sandpaper and ancillary products.



### Technical parameter

Specification	Voltage	Power	Amount of dust	Capacity	Pipe Length	Working pressure
SY-V5	220V/50HZ	1300W	150m³/h	30L	5m	8Mpa

### Spare parts list :

①	5"(127mm) central vacuum grinder(polisher) Low center of gravity of the body(Aluminum alloy material),ergonomic design, excellent handling, little vibration, long time operation without fatigue. speed: 12000rpm Eccentricity :5mm Net weight: 0.87Kg Air Consumption: 0.48m³/min working pressure: 6.3kg/cm²	1	
②	180*95m Central Vacuum grinder Common grinding for automotive metal plate, Basic operation for coating, metal,wood and various surface grinding operation. speed:6000rpm Eccentricity :5mm net weight: 2Kg Air consumption: 0.17m³/min working pressure: 6.3kg/cm²	1	
③	Vacuum pile :Connect with grinders and vacuum, air supply, dust colection, high corrosion resistance	1	
④	combination vacuum pipe Can connect with two grinding tools at the same time	1	



## SY-V7

SY-V7 moveable, full automatic, lux-type sanders with dust extraction system. High efficient, dust-free solution, Movable workstations, can adapt workplace change.  
 Y-type hose fitting is optional, that means it can provide 2 operators work at the same time. The work efficiency increased by 80%  
 central dust-collection system  
 High speed on polishing and grinding, more efficiency  
 time saving, efficient environmental protection dust collection design,  
 ensure a clean and healthy working environment.  
 With the function of automatic switch and German imported low noise constant power environmental protection motor, strong suction.  
 the machine will automatic delay 10-20 seconds when idle state, for collect the dust in the pipe.  
 the main cabinet is equipped with the rack, Multi-compartment convenient for operator to place the sandpaper and ancillary products.



### Technical parameter

Specification	Voltage	Power	Amount of dust	Capacity	Pipe Length	Working pressure
SY-V7	220V/50HZ	2500W	230m³/h	60L	7.5m	10Mpa

### Spare parts list :

①	6"(152mm) central vacuum grinder(polisher) Low center of gravity of the body(Composite material),ergonomic design, excellent handling, little vibration, long time operation without fatigue,light weight,hands not feel cold even in winter when touch it. Widely used in various industries of surface grinding, polishing operations. speed: 12000rpm Eccentricity: 5mm Net weight: 0.85Kg Air Consumption: 0.48m³/min working pressure: 6.3kg/cm²	1	
②	3x7"(75x175mm)Central Vacuum grinder high speed on polish and grinding,more efficiency time saving. Low center of gravity of the body(Composite material),ergonomic design, excellent handling, little vibration, long time operation without fatigue. light weight, your hand not feel cold even in winter when touch it. Widely used in various industries of surface grinding, polishing operations. speed: 10000rpm Eccentricity: 4mm Net weight: 0.9Kg Air Consumption: 0.48m³/min working pressure: 6.3kg/cm²	1	
③	15 holes manual planeapply to small area	1	
④	Vacuum pileConnect with grinders and vacuum, air supply, dust collection.high corrosion resistance	1	
⑤	combination vacuum pipe Can connect with two grinding tools at the same time	1	

## SY-V9

SY-V9 moveable, full automatic, Deluxe Enhanced sanders with dust extraction system .High efficient, dust-free solution, Movable workstations, can adapt workplace change. Equip with Y-type hose fitting, provides two operators work simultaneously.  
 This allows the work efficiency increased by 80%. central dust-collection system  
 High speed on polishing and grinding, more efficiency  
 time saving, efficient environmental protection dust collection design,  
 ensure a clean and healthy working environment.  
 With the function of automatic switch and German imported low noise constant power environmental protection motor, strong suction.  
 the machine will automatic delay 10-20 seconds when idle state, for collect the dust in the pipe.  
 equipped with two vacuum pipes, Available for 2 operators used at the same time.  
 The main cabinet is equipped with the rack, Multi-compartment convenient for operator to place the sandpaper and ancillary products



### Technical parameter

Specification	Voltage	Power	Amount of dust	Capacity	Pipe Length	Working pressure
SY-V9	220V/50HZ	2500W	230m³/h	60L	7.5m	10Mpa

### Spare parts list :

①	6"(152mm) central vacuum grinder(polisher) Low center of gravity of the body(Composite material),ergonomic design, excellent handling, little vibration, long time operation without fatigue,light weight,hands not feel cold even in winter when touch it. Widely used in various industries of surface grinding, polishing operations. speed: 12000rpm Eccentricity: 5mm Net weight: 0.85Kg Air Consumption: 0.48m³/min working pressure: 6.3kg/cm²	1	
②	3x7"(75x175mm)Central Vacuum grinder high speed on polish and grinding,more efficiency time saving. Low center of gravity of the body(Composite material),ergonomic design, excellent handling, little vibration, long time operation without fatigue. light weight, your hand not feel cold even in winter when touch it Widely used in various industries of surface grinding, polishing operations. speed: 10000rpm Eccentricity: 4mm Net weight: 0.9Kg Air Consumption: 0.48m³/min working pressure: 6.3kg/cm²	1	
③	5"(127mm) Central Vacuum grinder	1	

④	15 holes manual plane apply to small area	1	
⑤	70x195mm 11 holes manual plane apply to large area	1	
⑥	Vacuum pile Connect with grinders and vacuum, air supply, dust collection. high corrosion resistance	1	
⑦	combination vacuum pipe Can connect with two grinding tools at the same time	1	

## Consumables

To extend the service life of sandpaper should keep the sandpaper and buffed surface clean and dust-free. During the whole polishing process, the sandpaper must keep good cutting force that will make the work more smooth and efficient, so that the grinding effect will be better.

	40#-1200# yellow sandpaper	Yellow sandpaper is the first choice to polishing and grinding. It's the product of economical and practical, first-class of surface grinding effect.	5inch	0.9/pcs	100pcs/per box
			95*180mm	1.2/per pcs	100pcs/per box
			6inch	1.4/per pcs	100pcs/per box
			95*180mm	1.2/per pcs	100pcs/per box
	40#-1200# High Abrasion Resistance green sandpaper	High Abrasion Resistance green sandpaper using semi-open sand-planting method (alumina particles), and in the above attached a special coating to improve sandpaper abrasion resistance	95*180mm	1.6/per pcs	100pcs/per box
			6inch	1.9/per pcs	100pcs/per box
			95*180mm	1.6/per pcs	100pcs/per box
			5inch	1.5/per pcs	100pcs/per box
	40#-800# Net yam	Dust-free net yam is a very smooth polished mesh sandpaper. It covered with thousands of small holes can provide a good cleaning effect.	6inch	3/per pcs	100pcs/per box
			95*180mm	3/per pcs	100pcs/per box

## SY -201

### PRODUCT FEATURES:

Outside dimension: 660x400x735mm (LxWxH)  
Mesh design is easy for browsing tools inside and prevent the tools to fall off.  
Adopt 1.0mm cold-rolled steel plate to form a mesh. Good quality materials.  
On the top can optional anti-oil, anti-slip pad to protect the top and the materials safety.



## SY -202

### PRODUCT FEATURES:

Outside dimension: 700x400x720mm (LxWxH)  
Mesh design is easy for browsing tools inside and prevent the tools to fall off.  
Configure security lock to ensure the safety of storing tools.  
With brake caster, steering convenience and control easily, carry ability strong, can withstand the impact of uneven sites.



## SY -205

### PRODUCT FEATURES:

Inside drawer can choose classification box, separated plank, to facilitate classification management and effective use of space  
Full-width aluminum handles, drawer pull off more easily  
Free to choose to configure a different level of the drawer, fully meet user needs.  
Central security lock, one lock can lock all the drawers  
With the guide rail of excellence bearing to ensure that when a single drawer bearing heavy load can also easily open and close smoothly.



## SY -207

### PRODUCT FEATURES:

Outside dimension: 680\*460\*840mm (LXWXH)  
Net weight: 56kg  
Maximum load: 180kg  
Single-load-bearing: 35Kg  
Table loading capacity: 75kg  
Blue-gray mix, fashion aesthetic  
On the top optional anti-oil, anti-slip pad to protect the top and the material safety  
Central security lock, one lock can lock all drawers





## SY -101

**PRODUCT FEATURES:**

Outside dimension: 725x345x725mm (LxWxH)  
 The tool cart can be disassembly packed  
 Easy for transport, saves transport expense  
 Tray get tools easy  
 Can move freely, the use is more nimbly and convenient.



## SY -203S

**PRODUCT FEATURES:**

Outside dimension: 680x460x800mm (LXWXH)  
 Rugged structural design and surface after special treatment, can adapt to complex work environment in plant and maintenance shop.  
 On the top install anti-oil, non-slip pad  
 With brake caster, steering convenience and control easily, carrying ability strong, can withstand the impact of uneven sites.  
 With the guide rail of excellence bearing to ensure that when a single drawer bearing heavy load can also easily open and close smoothly.  
 Surface color can be produced according your specific requirements.



## SY -202S

**PRODUCT FEATURES:**

Outside dimension: 740x420x880mm (LXWXH)  
 Net weight: 40kg  
 Maximum load: 115kg  
 Single-load-bearing: 40kg  
 Material: 1.0mm  
 On the top install anti-oil, non-slip pad  
 With brake caster, steering convenience and control easily.  
 Carrying ability strong, can withstand the impact of uneven sites  
 Drawers and doors configure independent lock



## SY -203H

**PRODUCT FEATURES:**

Net weight: 32kg  
 Maximum load: 150kg  
 Single-load bearing: 30kg  
 Table loading capacity: 75kg  
 Outside dimension: 795x485x825mm (LXWXH)  
 The tool cart can be disassembly packed  
 In the bottom there is sufficient space can be equipped with big items, and get tools easily.  
 Drawer front with aluminum handle  
 On the top optional anti-oil, anti-slip pad



## SY -204H

**PRODUCT FEATURES:**

Net weight: 37kg  
 Maximum load: 180kg  
 Single-load bearing: 35kg  
 Table loading capacity: 75kg  
 Outside dimension: 680x468x850mm (LXWXH)  
 Bottom space increases, can put the large items.  
 Bottom configure a separate door lock to ensure that items be placed in safety  
 After you open the bottom door, the drawer can shrink flat horizontal position, effective use of space  
 Door handle location near the lock, unlock the door at the same time open the door smoothly  
 Wide-panel on the top, tolerance increased, can store large items.



## SY -207H

**PRODUCT FEATURES:**

Net Weight: 50kg  
 Maximum load: 180kg  
 Single-load bearing: 35kg  
 Table loading capacity: 75kg  
 Outside dimension: 760x450x740mm (LXWXH)  
 On the top install anti-oil, non-slip pad, and be protected by tape  
 Handle plate can be divided into grid, round hole designed to put right tools  
 With a square box in the side  
 Install screwdriver, panels in the side can be stored screws or used hanging hook put other items.  
 With the guide rail of excellence bearing to ensure that when a single drawer bearing heavy load can also easily open and close smoothly.



## SY -205H

**PRODUCT FEATURES:**

Outside dimension: 650X480X860mm (LXWXH)  
 Net weight: 53kg  
 Maximum load: 115kg  
 Single-load-bearing: 40kg  
 Material: 1.0mm  
 With the guide rail of excellence bearing to ensure that when a single drawer bearing heavy load can also easily open and close smoothly  
 Handrails can move freely  
 The top install flip cover, can open free, two vertical parallel handrails support the flip cover after it open. Top configure non-slip pouches sleeve to prevent items scratching, and surrounded are protected by tape  
 Central security lock, one lock can lock all the drawers, drawer configure aluminum handle



## SY -215

**PRODUCT FEATURES:**

Outside dimension: 830x460x840mm (LXWXH)  
 Net weight: 65kg  
 Maximum load: 180kg  
 Single-load-bearing: 35kg  
 Table loading capacity: 75kg



## SY -218

**PRODUCT FEATURES:**

Outside dimension: 1000x460x975mm  
 Net weight: 85kg  
 Maximum load: 120kg  
 Single-load-bearing: 40kg  
 Table loading capacity: 80kg



**SY -818A**

**PRODUCT FEATURES:**

Length: 1500mm  
 Width: 750mm  
 Height: 810mm  
 Weight: 46kg  
 Supply various hooks  
 16 hooks equipped specific requirements.



**SY -818B**

**PRODUCT FEATURES:**

Length: 1805mm  
 Width: 805mm  
 Height: 730mm  
 Weight: 83kg  
 Supply various hooks  
 16 hooks equipped



**SY -818C**

**PRODUCT FEATURES:**

Length: 1805mm  
 Width: 805mm  
 Height: 730mm  
 Weight: 83kg  
 Supply various hooks  
 16 hooks equipped

## SY -207X

**PRODUCT FEATURES:**

Outside dimension: 680x480x850(LXWXH)  
 Net weight: 60kg  
 Loading capacity: 180kg  
 Single-load-bearing: 35kg  
 Table loading capacity: 75kg  
 Drawers: 7 drawers



## SY-3-3T

**1、 Brake Tester SY-3-3T**

SY-3-3T Equipped with rollers with large diameters, higher test speed, higher test precision and stable performance, the rollers are covered with high quality surface sand, this model is able to test the max. brake forces, block forces and process errors of left/right wheels, it meets the latest National standard and is being used widely in all types of vehicle test workshops.

- (1)、Twisting force case is made with German technology, it is with high performance and high precision reverse driving force.
- (2)、Motor decelerator is installed in the middle of the platform. It has the structures of integrative platform design. The decelerator works stably, test precision is high.
- (3)、With controller for the 3rd roller, the buffer prevents the tire abrasion, feedback device for speed signal.
- (4)、European mode, the roller diameter is  $\phi 300$ .
- (5)、Advanced adhesive sand technology, the adhesion modulus is above 0.82 in case of both dry and wet, the longevity is over 200000 times.
- (6)、The sensor is with high precision, certified by ISO9002.
- (7)、Test precision is high, repetition performance is good, brake force error is <math>< 1.5\%</math> (National Standard  $\leq \pm 5\%$ ) Platform with high strength.

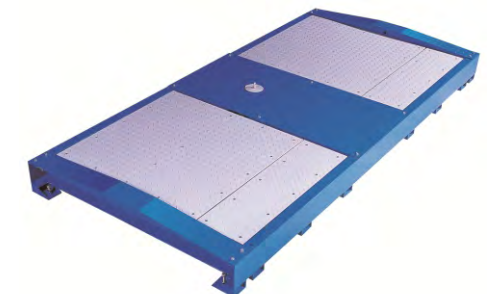
Item	Unit	Data
Max. Allowance Load Axle Weight	kg	3000
Test Range for Brake Forces	daN	2× ( 0~900)
Wheel Distance (Inner Width/Outer Width)	mm	700/2400
Test Speed	km/h	2.5±10%
Roller Diameter x Length	mm	Ø245×750
Motor Power	kg	2×3
Power Supply	v	Ac380±10%



**2、 Single board automobile sideslip inspection table SY-3-3T**

- (1)、Platform and slip platform are made of steel with high strength
- (2)、Roller is with high precision, slip platform slips easily. Level initial pull <math>< 25N</math>(National STANDARD: 39.2N)
- (3)、Single board automobile side slip tester is used for dynamic measurement of side slip distance of automotive steering wheels

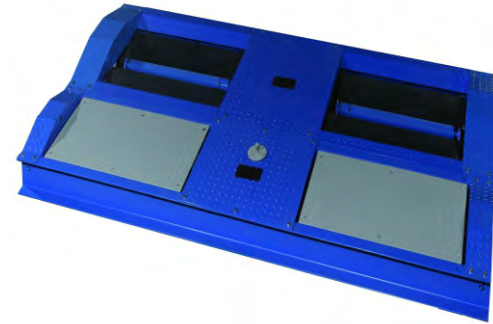
Item	Unit	Data
Max. Allowance of Load Axle Weight	kg	3000
Test Range for Brake Forces	m/kg	0~±10
Wheel Distance (Inner Width/Outer Width)	mm	700/2500
Slip Platform Sizes	mm	500×900





### 3. Explanation of Control System

This control system adopts WINDOWS XP operation system, entire OOD, SQL2000 open database configuration, service/customers extremity function modes, figure operation interface, curve data analysis, design of function modularization, digital communication. This control system is able to realize full automatic, semi-automatic, manual, multi-entry, subentry tests or random combination multi-function tests, it is with perfect management system, rich report functions. It also can be enlarged with multi-functions. The test speed is high, it is convenient to record the data, vehicle data is detailed, display in English version.



Number	Part Name	Model	Pcs	Remarks
01	Computer	Yanhua	1	
02	Display		1	
03	Position Control Cabinet		1	
04	Motor Control Cabinet	XKDG-02	1	
05	Printer		1	CANON1180
06	LED Lattice Screen	XKLED-16	1	16x16 Multi-language Display
07	Intelligentized High Speed Data Collection Module	XKVOI-A01	1	
08	Communication Clip	MOXA	1	104P
09	Demarcate Tools		1	
10	Other		1	Installation Materials

## SY-ZD-3T

### 1. Brake Tester SY-ZD-3T

SY-ZD-3T Equipped with rollers with large diameters, higher test speed, higher test precision and stable performance, the rollers are covered with high quality surface sand, this model is able to test the max. brake forces, block forces and process errors of left/right wheels, it meets the latest National standard and is being used widely in all types of vehicle test workshops.

- Twisting force case is made with German technology, it is with high performance and high precision reverse driving force.
- Motor decelerator is installed in the middle of the platform. It has the structures of integrative platform design. The decelerator works stably, test precision is high.
- With controller for the 3rd roller, the buffer prevents the tire abrasion, feedback device for speed signal.
- European mode, the roller diameter is  $\phi 300$ .
- Advanced adhesive sand technology, the adhesion modulus is above 0.82 in case of both dry and wet, the longevity is over 200000 times.
- The sensor is with high precision, certified by ISO9002.
- Test precision is high, repetition performance is good, brake force error is  $<1.5\%$  (National Standard  $\leq \pm 5\%$ ) Platform with high strength.

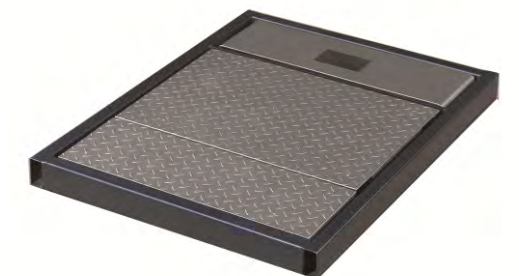
Item	Unit	Data
Max. Allowance Load Axle Weight	kg	3000
Test Range for Brake Forces	daN	2× ( 0~900)
Wheel Distance (Inner Width/Outer Width)	mm	700/2400
Test Speed	km/h	2.5±10%
Roller Diameter x Length	mm	Ø245×750
Motor Power	kg	2×3
Power Supply	v	Ac380±10%



### 2. Single board automobile sideslip inspection table SY-ZD-3T

- Platform and slip platform are made of steel with high strength
- Roller is with high precision, slip platform slips easily. Level initial pull  $<25N$ (National STANDARD: 39.2N)
- Single board automobile side slip tester is used for dynamic measurement of side slip distance of automotive steering wheels

Item	Unit	Data
Max. Allowance of Load Axle Weight	kg	3000
Test Range for Brake Forces	m/kg	0~±10
Wheel Distance (Inner Width/Outer Width)	mm	700/2500
Slip Platform Sizes	mm	500×900



### 3. Vehicle Suspension Tester XKXG-3T

High-quality precision non-contact sensor awarded with ISO9002 quality system certificate, featuring high precision of testing;  
 Good repeating performance and low rate of failure;  
 Conform to JT448-2001T national industrial standard and GB18565-2001 international standard;  
 Installed with IPC; the control system is based on Windows2000 system, has complete functions and clear interface, featuring automatic testing and easy operations;  
 Strong networking function; it is easy to retrieve the testing data and color display and print diagrams, curves and testing results automatically;  
 Able to conduct soft calibration through control software with high accuracy.



Item	Unit	Data
Max. Allowance Load Axle Weight	kg	3000
Initial shock frequency	hz	24
Test Speed	km/h	2.5±10%
Electric motor power	kw	1.5×2
Power Supply	V	Ac380±10%

## SY-003

### SY-003a refrigerant Handling System

Chinese Large LCDDisplay  
 Automatic promptig for routiue maintenance  
 Pressure leak,HEPA filter, stainless steel heat exchanger  
 Automatic discharging waste oil, filled with new ion exhaust air  
 Automatic Manual,Vacuum,Filters,Filling  
 Working power: 220Vv ± 10% 50Hz  
 Vacuum rate: 2L/S  
 Recycling rates: 3g/s  
 Filling rate: 1500-1980g/min  
 Auto rate cycle: 6g/s  
 Weighing accuracy: ±0.005kg  
 Working tank capacity: 14L  
 Refrigerant type: R12 or r134a  
 Dry filter: 330CC  
 Pure sheet metal design, crash, crack



## SY-6A

### SY-6a electric Fuel Lnjector Cleaner & Analyzer

Cleaning nozzle detection andlyzers is simulation of antomotive fuel injection angles,spray,injection volume.automatically or selece detection uniformity.Simulation of engine idle speed, speed ,speed,speed of work status ,detection range:multiple point fuel injection,rotational speed,pulse width,taking into account the secondary.  
 Testing Qty:6

Power:200V ± 10% 50Hz 200W  
 Fuel Tank Capacity: 2L  
 Test-tube Capacity: 120ML  
 The Power ofultrasonic: 100w  
 Ultrasonic Frequency: 25khz  
 Speed Width: 0-9950round/min STEP: 50round/time  
 Pulse Width: 0-20ms STEP:0.1ms  
 Total Time: 0-9950times STEP:50times  
 Hydraulic System: 0-6kg/cm2  
 Flow: 5Lmln  
 Automatic oil return  
 Mold of a solenoid valve protection device  
 Mold plastic fuel tanks  
 Mold plates, nice  
 Mould fittings, size standards





**SY-680****SY-680 A/c Refrigerant Handling System**

Chinese Large LCDDisplay

Automatic promptig for routiue maintenance

Pressure leak,HEPA filter, stainless steel heat exchanger

Automatic discharging waste oil, filled with new ion exhaust air

Automatic Manual,Vacuum,Filters,Filling

Working power: 220Vv  $\pm$  10% 50Hz

Vacuum rate: 1.5L/S

Recycling rates: 2g/s

Filling rate: 1500-1980g/min

Auto rate cycle: 6g/s

Weighing accuracy:  $\pm$ 0.005kg

Working tank capacity: 14L

Refrigerant type: R12 or r134a

Dry filter: 330CC

