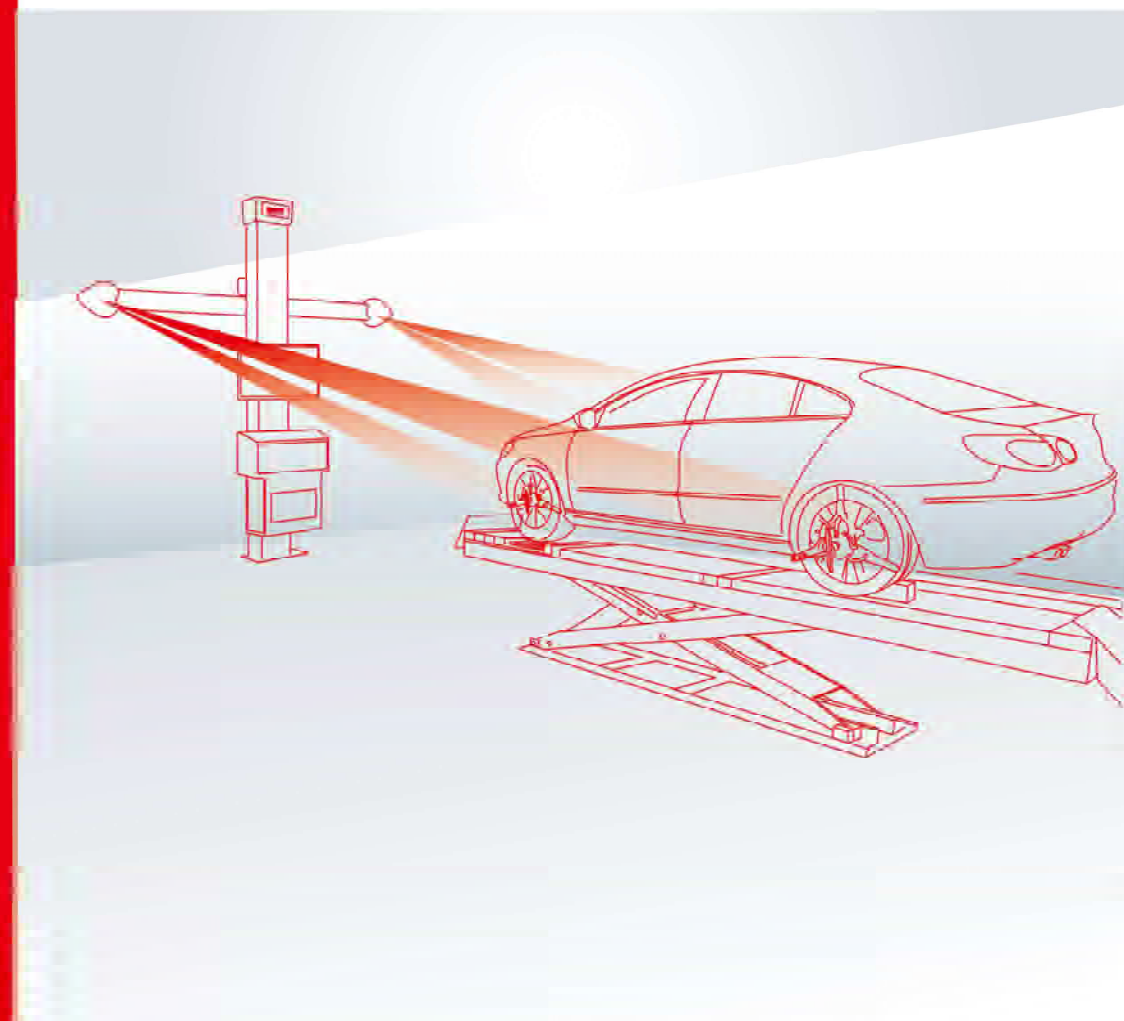




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CE TÜV ISO SGS BV

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Brief Introduction



Yantai Haide Science and Technology Co., Ltd. is a joint-stock enterprise specializing in manufacturing and marketing of four-wheel alignments, lifts, tire changer, wheel balancer and other auto inspection instruments. Since founded in August, 1998, our company has built a reputation for innovation and visionary leadership in the application of the newest technologies to automotive car service equipment.

Our company, which has three production bases for wheel alignment and car lift and tyre service equipment, covered a ground area of 45,000 square meters, with a completed building area of 30,000 square meters including two manufacturing bases. The newly introduced equipment, together with advanced surface-processing production line, has provided the guarantee for its superb quality. It is the first national company that has established its own training base.

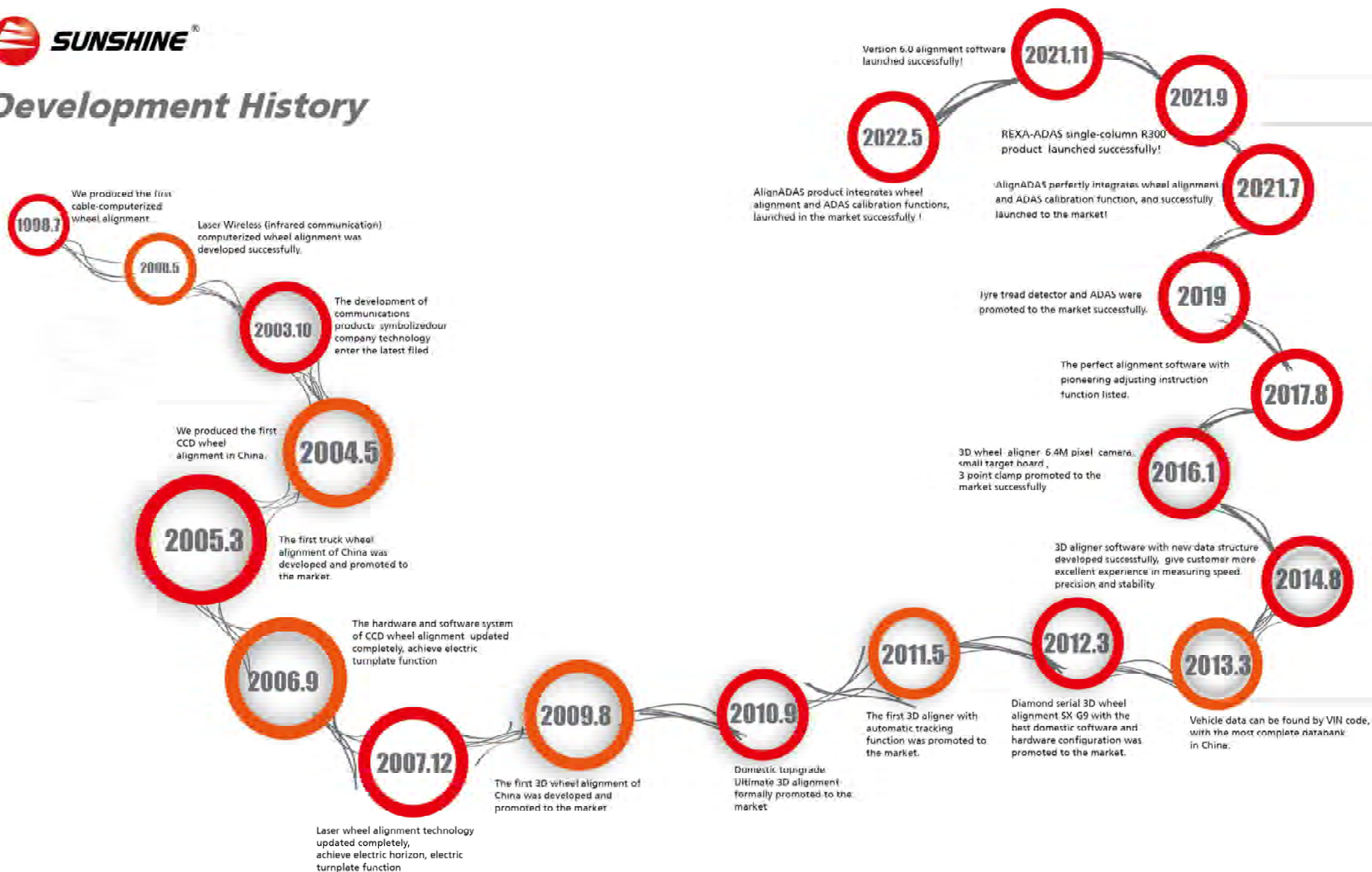
Our company adheres to long-term independent development, independent production, and has complete independent intellectual property rights. Our products include the whole range of wheel alignment and car lift, tyre changer, wheel balancer. Wheel aligner car wheel alignment, truck wheel alignment, special vehicle alignment, and car alignment has three series: 3D, CCD and laser. Car lift types include two post lift, four post lift, scissor alignment lift and small scissor lift. Now our company is a primary supplier for major car manufacturers and 4S shops and is all highly appreciated by our customers, while many products have been exported to Australia, India, Japan, Italy, Russia, Sweden, Saudi Arabia and other countries.

We have a staff of more than 400 members, and 20 of them are engineers with master's or doctor's degree working at the Technology Research Center. Marketing network covering the whole country, with nearly one hundred professional sales and service team, more than twenty provinces in the country has established sales and service network. Also has a nationwide first-class professional services team of engineers, founded the first wheel alignment training base in China. Haide company will use the first-class platform for scientific management and supervision services to ensure service quality, promote the system to be better.

Yantai Haide Science and Technology Co., Ltd. is becoming a modern competitive company, taking a leading position in car service equipment in the world. Let's work together to create a new area of development in the industry.



Development History



New generation 3-point clamp with hook

Independent R & D and production, patent protection
Higher mechanical precision, humanized design



Multiple mounting holes
Suitable for 13-26inch rim



Standard

Aluminum 3-point clamp
and target board assembly



High accuracy

Mechanical precision is
better than 4-point clamp,
measurement more accuracy



Rim Hook

Protect rim effectively



Torque Hand wheel

Humanized warning
function can protect
rim effectively

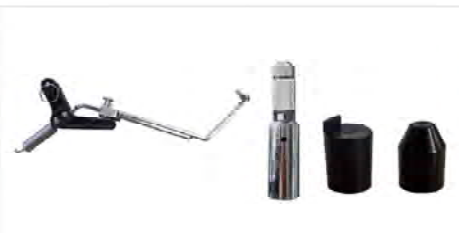


Ultra-light material

Ultra-light new material is
40% of conventional weight



Standard



Optional



Nylon Rim protector

New-generation waterproof and oil resistance target board

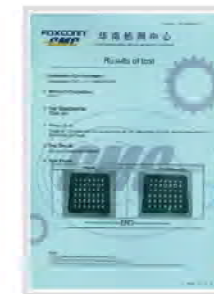
Passed the highest level IPX8 waterproof and oil resistant testing
Imported U.S.3 M gum patent packaging technology, super waterproof and oil-proof



Same size as your palm!



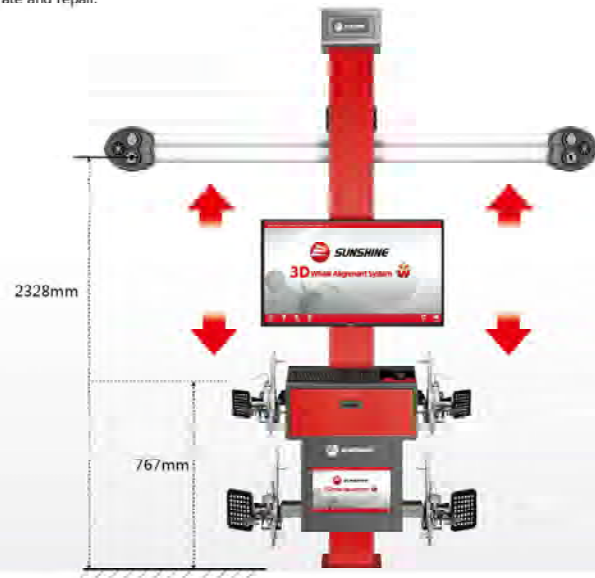
New-generation waterproof
and oil resistance target board



Software control automatic tracking

Automatic tracking device assembly, beam can be automatically adjusted between 800mm-2400mm

Electric moving post is adopted, camera fixes its right position through finding target plates automatically, convenient for technician to operate and repair.



More detailed security design makes the operation safer

Steering wheel holder, exclusive patented design
More efficient and durable



Turntable



Aluminum alloy turntable,
high quality, exquisite appearance



Exclusive adoption for over-voltage protector
Power the device after 50 seconds of self-test when turn on the power, which effectively guarantee the power voltage is in allowable range. The current voltage can be viewed in real time to prevent the device from running under low or high voltage. The device is powered off if over or below the interval voltage, so can be protected safely.



Steel turntable,
flexible and durable



Equipped with Integrated electronic control unit, exclusive design, industry leader.
Built-in type plug, without exposed wire design gives attention to both safety and beauty; Added power input and output fuses to avoid short circuit and improve safety; Modular design for strong anti-jamming performance and easy maintenance.



Wheel Adapter (Optional)
Install the adapter after dismounting the wheel, fixing the target clamp to the wheel adapter to achieve real-time display when adjusting the camber angle.



Panel computer (Optional)
Synchronize display with computer Remote control the software. Operate more convenient.
Automatically tracking schematic diagram

Standard Accessory



Brake holder



Wedge pads



Turntable transition block



DELL computer



Printer

Latest Designed 6.0 Software

Latest developed software 6.0 equips ADAS positioning function



Software Illustration



6.0 version software interface

Check before doing alignment

AUTODATA authorized data covering about 120000 car models



Car pushing dynamic compensation measurement

caster measurement, max steering wheel turn angle measurement, Toe out on turns measurement

Measurement data more comprehensive, more clear

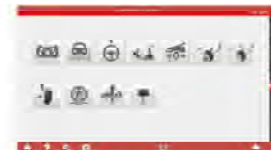


Front wheel measurement data

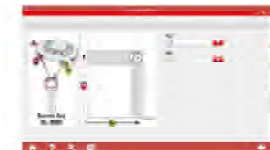
Graphic format print report

Table format print report

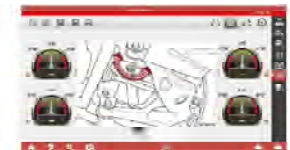
Extensive functions



More than 10 extensive functions



Air suspension data select



Adjustment guide



Vehicle lifting measurement



Body dimension measurement



Steering Wheel Adjustment



Engine Bay Adjustment



Body dimension measurement



Lock toe measurement



Camber Measurement of Zero Toe



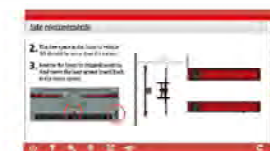
Tire rolling radius measurement



Rolling Radius



Vehicle body height measurement

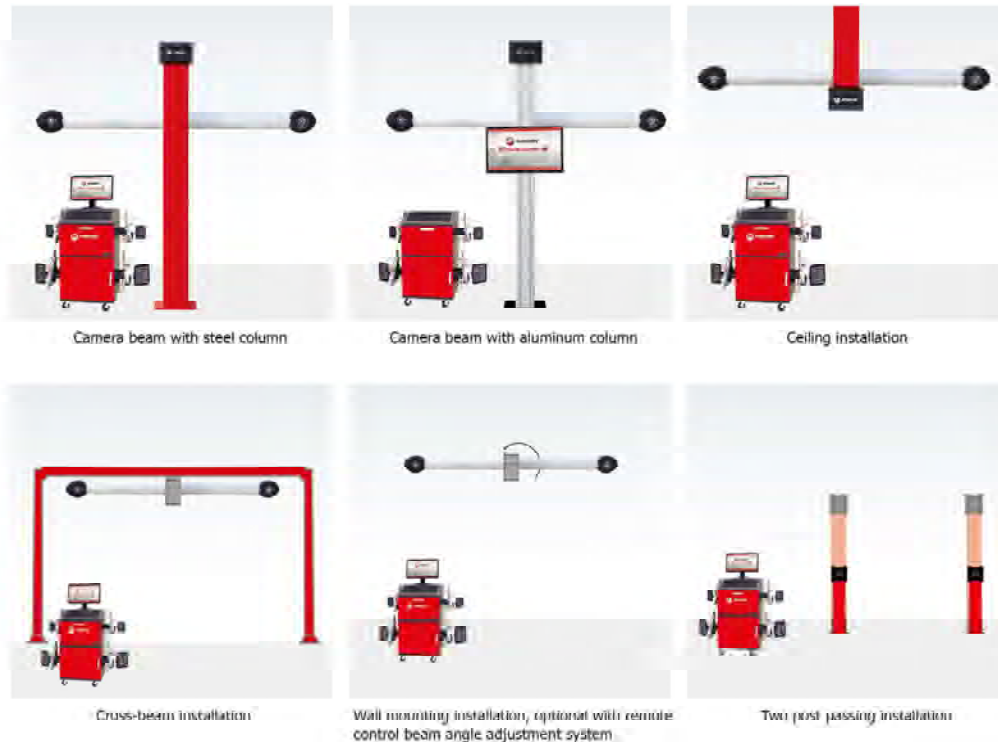


ADAS Site requirements

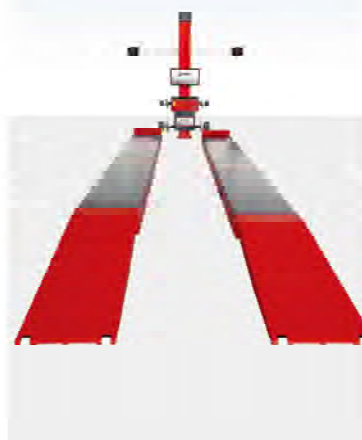


Fix the ADAS device

Choose different installation methods according to customer's working site



Installation Guide



The alignment suit for scissor alignment lift, four post lift or pit.



P3 installation

ISO Calibration kit



3D ALIGNMENT SYSTEM

Products Advantages:

Automatic tracking beam, technician can make measurement and adjustment on different of lifting levels. 6.4MP high accuracy camera.

with 43" LED TV and 20" LCD display, fully shows glamour of 3D technology. Self-developed ultimate 3D software, showing honour of high-level customer. Adopt exclusive height target plate and software, precise measurement of vehicle body height.

Camera automatic tracking

Precise measurement of vehicle body height Suitable for checking plenty of vehicle models.

Standard configuration:

Deluxe cabinet, Electric movable post, DELL computer, Mini Target plates, 3-points clamp, Brake fixer, Steering wheel fixer, Wedge pads, Aluminum alloy turntables, Turntable transition blocks, Exclusive height target plate. Parameters measurement such as camber, Caster, Kingpin inclination, Toe-in & Toe-out, Set back, Thrust angle.

Extension Functions:

Removing Tire Adjustment (Purchasing Rim adapter), Body Dimension Measurement.

Steering Wheel Adjustment, Engine Bay Adjustment, Toe Curvature Measurement (Purchasing BS Tool Kits), Lock Toe Adjustment.

Camber Measurement of Zero Toe, Scrub Radius Measurement, Rolling Radius Measurement.

Body Height Measurement

Automatic tracking beam

6.4MP high accuracy camera



Exclusive height target plate.



Turntable

Aluminum alloy turntable, high quality, exquisite appearance



New-generation waterproof and oil resistance target board

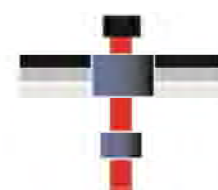


High accuracy

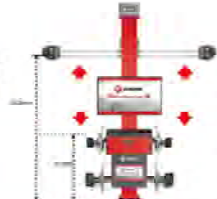
Mechanical precision is better than 4-point clamp, measurement more accuracy



New generation 3-point clamp with hook



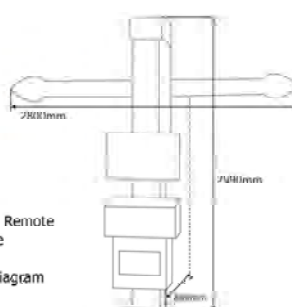
with 43" LED TV and 19" LCD Display, fully shows glamour of 3D technology



Software control automatic tracking



Panel computer (Optional) Synchronize display with computer Remote control the software Operate more convenient Automatically tracking schematic diagram



3D ALIGNMENT SYSTEM

Products Advantages:

Automatic tracking beam, technician can make measurement and adjustment on different of lifting levels. 6.4MP high accuracy camera. 43" LED TV display, fully shows glamour of 3D technology. Self-developed ultimate 3D software, showing honour of high-level customer.

Adopt exclusive height target plate and software, precise measurement of vehicle body height. Cabinet can be moved.

Standard configuration:

Deluxe cabinet, Electric movable post, DELL computer, Mini Target plates, 3-points clamp, Brake fixer, Steering wheel fixer, Wedge pads, Aluminum alloy turntables, Turntable transition blocks, Exclusive height target plate.

Basic Functions:

Parameters measurement such as camber, Caster, Kingpin inclination, Toe-in & Toe-out, Set back, Thrust angle.

Extension Functions:

Removing Tire Adjustment (Purchasing Rim adapter), Body Dimension Measurement, Steering Wheel Adjustment, Engine Bay Adjustment.

Toe Curvature Measurement (Purchasing BS Tool Kits), Lock Toe Adjustment, Camber Measurement of Zero Toe, Scrub Radius Measurement, Rolling Radius Measurement.

Body Height Measurement

Automatic tracking beam

6.4MP high accuracy camera



Exclusive height target plate.



6.0 version software interface



Car pushing dynamic compensation measurement



High accuracy Mechanical precision is better than 4-point clamp, measurement more accuracy



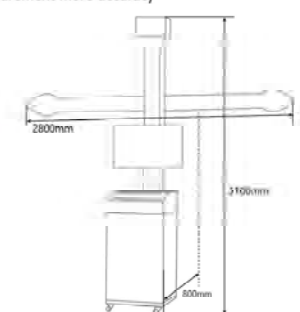
More detailed security design makes the operation safer



New-generation waterproof and oil resistance target board



Equipped automatic tracking device assembly



SUNSHINE® S-F8M

3D ALIGNMENT SYSTEM

Whole moveable 3D wheel aligner

Standard configuration:

Movable cabinet and column, 43 inch LED TV display, DELL computer, Mini Target plates, 3-points clamp, Brake fixer, Steering wheel fixer, Wedge pads, Aluminum alloy turntables, Turntable transition blocks, Exclusive height target plate.

Basic Functions:

Parameters measurement such as camber, Caster, Kingpin inclination, Toe in & Toe out, Set back, Thrust angle.

Extension Functions:

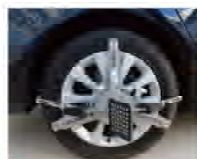
Removing Tire Adjustment(Purchasing Rim adapter), Body Dimension Measurement, Steering Wheel Adjustment, Engine Bay Adjustment, Toe Curvature Measurement(Purchasing BS Tool Kits), Lock Toe Adjustment, Camber Measurement of Zero Toe, Scrub Radius Measurement, Rolling Radius Measurement, Body Height Measurement
Automatic tracking beam



Moveable multiple workstations series S-F8M



6.0 version software interface



High accuracy
Mechanical precision is better than 4-point clamp, measurement more accuracy



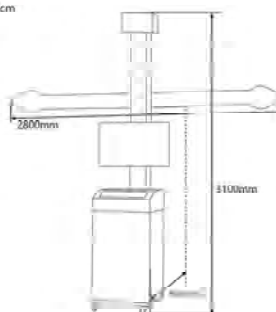
Car pushing dynamic compensation measurement



Aluminum alloy turntable, high quality, exquisite appearance



New-generation waterproof and oil resistance target board



SUNSHINE® S80MAX

3D ALIGNMENT SYSTEM

Whole moveable 3D wheel aligner

Products Advantages:

Automatic tracking beam, technician can make measurement and adjustment on different of lifting levels. 5.0MP high accuracy camera.

with 32" LED TV and 20" LCD display, fully shows glamour of 3D technology.

Self-developed ultimate 3D software, showing honour of high-level customer. Camera automatic tracking.

Standard configuration:

Deluxe cabinet, Electric movable post, DELL computer, Mini Target plates, 3-points clamp, Brake fixer, Steering wheel fixer, Wedge pads, Aluminum turntables, Turntable transition blocks.

Basic Functions:

Parameters measurement such as camber, Caster, Kingpin inclination, Toe in & Toe-out, Set back, Thrust angle.

Extension Functions:

Removing Tire Adjustment(Purchasing Rim adapter), Body Dimension Measurement, Steering Wheel Adjustment, Engine Bay Adjustment, Toe Curvature Measurement(Purchasing BS Tool Kits), Lock Toe Adjustment, Camber Measurement of Zero Toe, Scrub Radius Measurement, Rolling Radius Measurement.

Automatic tracking beam



Moveable multiple workstations series S-F8M



5MP high accuracy camera



New-generation waterproof and oil resistance target board



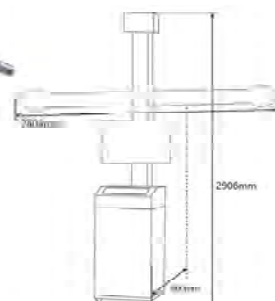
New generation 3-point clamp



Adopt automatic tracking device assembly



Aluminum alloy turntable, high quality, exquisite appearance



SUNSHINE® S80PRO

3D ALIGNMENT SYSTEM

Products Advantages:

A small compact cabinet for flexible placement.
Economical standard installation, 5.0MP high accuracy camera, with two screens (20" LCD and 32" TV).

Standard configuration:

small compact cabinet, DELL computer, Mini Target plates, 3-points clamp, brake locker, steering wheel fixer, wedge pads, Aluminum turntable, turntable transition block.

Basic Functions:

Parameters measurement such as camber, caster, kingpin inclination, toe-in & toe-out, set back, thrust angle.

Extensive functions:

Removing Tire Adjustment (Purchasing Rim adapter), Body Dimension Measurement, Steering Wheel Adjustment, Engine Bay Adjustment, Toe Curvature Measurement (Purchasing B5 Tool Kits), Lock Toe Adjustment.

Manual Movable Camera beam

The camera beam height is adjustable between 80cm~120cm (suitable for Pit installation) or between 200cm~240cm, more suitable for different kinds of platforms.



5MP high accuracy camera



New generation 3-point clamp



6.0 version software interface



Car pushing dynamic compensation measurement



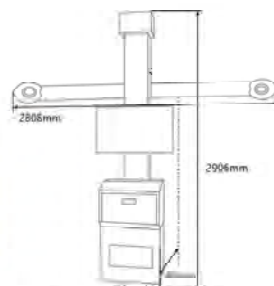
Steel turntable, flexible and durable



Exclusive adoption for over-voltage protector



Equipped with integrated electronic control unit, exclusive design, industry leader



SUNSHINE® SP-G7

3D ALIGNMENT SYSTEM

Products advantages:

32-inch LED TV.
Compact installation saves more space.
More extensive functions make customers to enjoy more values from 3D technology.

Standard configuration:

Compact integrated cabinet, 32 inch LED TV, DELL computer, Target plates, 4-points clamp, Brake fixer,

Steering Wheel fixer, Wedge pads, Steel Turntables, Turntable transition block.

Basic functions:

Parameters measurement such as camber, Caster, Kingpin inclination, Toe-in & Toe-out, Set back, Thrust angle.

Extensive functions:

Removing Tire Adjustment (Purchasing Rim adapter), Body Dimension Measurement, Steering Wheel Adjustment, Engine Bay Adjustment, Toe Curvature Measurement (Purchasing B5 Tool Kits), Lock Toe Adjustment.

Manual Movable Camera beam

The new slide-type back hanging design Beam height can be adjusted freely in range of 80-120cm or 200-240cm, suitable to use in variety of platforms.



More options:

bigger target disk and 3-point clamp.
5.0MP camera.



6.0 version software interface



Car pushing dynamic compensation measurement



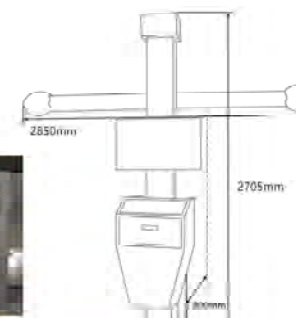
Steel turntable, flexible and durable



Exclusive adoption for over-voltage protector



Equipped with integrated electronic control unit, exclusive design, industry leader



3D ALIGNMENT SYSTEM

Products advantages:

32" LED TV display, fully shows glamour of 3D technology.

Beam height can be adjustable automatically.

Cabinet can be moved.

No need to see the computer screen in the process of vehicle pushing, indicative light around camera could guide the operation.

Standard configuration:

Movable compact cabinet, 32" LED TV, DELL computer, Target plates, 4-points clamp, Brake fixer, Steering Wheel fixer, Wedge pads, Steel Turntables, Turntable transition blocks.

Basic functions:

Parameters measurement such as camber, Caster, Kingpin inclination, Toe-in & Toe-out, Set back, Thrust angle

Extensive functions:

Removing Tire Adjustment(Purchasing Rim adapter), Body Dimension Measurement, Steering Wheel Adjustment, Engine Bay Adjustment, Toe Curvature Measurement(Purchasing B5 Tool Kits), Lock Toe Adjustment.

Automatic tracking beam

More options:

bigger target disk and 3-point clamp, 5.0MP camera.



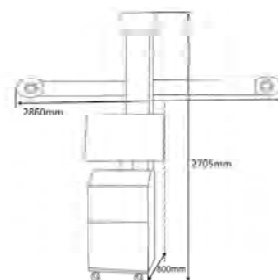
Exclusive adoption for over-voltage protector.



Equipped with integrated electronic control unit, exclusive design, industry leader



More detailed security design makes the operation safer



Steel turntable, flexible and durable

3D ALIGNMENT SYSTEM

Products Advantages:

A small compact cabinet for flexible placement,

Economical standard installation, with two screens(20" LCD and 32" TV)

standard configuration:

small compact cabinet, DELL computer .

Target plates, 4-points clamp, brake locker, steering wheel fixer, wedge pads, Steel turntable, turntable transition

block:

Basic Functions:

Parameters measurement such as camber, caster, kingpin inclination, toe-in & toe-out, set back, thrust angle.

Extensive functions:

Removing Tire Adjustment(Purchasing Rim adapter), Body Dimension Measurement, Steering Wheel Adjustment, Engine Bay Adjustment, Toe Curvature Measurement(Purchasing B5 Tool Kits), Lock Toe Adjustment.

Manual. Movable Camera beam

The camera beam height is adjustable between 80cm~120cm (suitable for Pit installation) or between 200cm~240cm, more suitable for different kinds of platforms.

More options:

bigger target disk and 3-point clamp, 5.0MP camera.



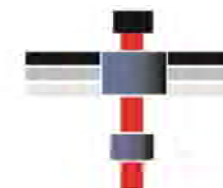
Steel turntable, flexible and durable



Exclusive adoption for over-voltage protector



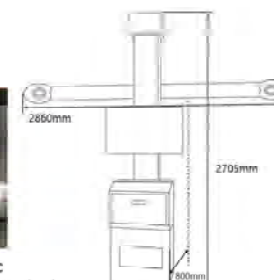
Equipped with integrated electronic control unit, exclusive design, industry leader



with 32" LED TV and 19" LCD Display, fully shows glamour of 3D technology



More detailed security design makes the operation safer



3D ALIGNMENT SYSTEM

Products Advantages:

Economical standard installation , easy to enjoy the convenience of 3D technology.

Cabinet can be moved.

Without rims compensation, dynamic measurement.

To read the basic parameters within 1.5 minutes .

To add extensive functions on basis of traditional basic parameters.

standard configuration:

Small compact cabinet, DELL computer,32" TV,Target plates,4-points clamp, brake pedal lock depressor, steering wheel fixer, wedge pads. Steel turntable, turntable transition block.

Basic Functions:

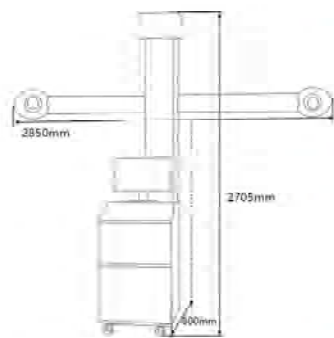
Parameters measurement such as camber, caster, kingpin inclination, toe-in & toe-out, set back, thrust angle.

Extensive functions:

Removing Tire Adjustment(Purchasing Rim adapter),Body Dimension Measurement, Steering Wheel Adjustment,Engine Bay Adjustment,Toe Curvature Measurement(Purchasing B5 Tool Kits), Lock Toe Adjustment.

Manual Movable Camera beam

The new slide-type back hanging design Beam height can be adjusted freely in range of 80-120cm or 200-240cm ,suitable to use in variety of platforms



Car pushing dynamic compensation measurement

More options:
bigger target disk and 3-point clamp,
5.0MP camera,



Steel turntable, flexible and durable



Exclusive adoption for over-voltage protection



Equipped with integrated electronic control unit, exclusive design, industry leader



More detailed security design makes the operation safer

Function Instruction

Model		S-F7	S-F8	S-F8M	S80MAX	S80PRO	SP-G7	SP-G6L	SP-G6L	SP-G6
Basic Functions	Camber	●	●	●	●	●	●	●	●	●
	Caster	●	●	●	●	●	●	●	●	●
	KPI	●	●	●	●	●	●	●	●	●
	Toe	●	●	●	●	●	●	●	●	●
	Set back	●	●	●	●	●	●	●	●	●
	Thrust	●	●	●	●	●	●	●	●	●
Extensive functions	Wheel Deviation	●	●	●	●	●	●	●	●	●
	Axis Deviation	●	●	●	●	●	●	●	●	●
	Vehicle lifting	●	●	●	●	●	●	●	●	●
	Tyre removing	●	●	●	●	●	●	●	●	●
	Steering level	●	●	●	●	●	●	●	●	●
	Body measurement	●	●	●	●	●	●	●	●	●
	Engine bracket	●	●	●	●	●	●	●	●	●
	Lock Toe	●	●	●	●	●	●	●	●	●
	Toe curvature	●	●	●	●	●	●	●	●	●
	Zero Toe Camber	●	●	●	●	●	●	●	●	●
	Scrub Radius	●	●	●	●	●	●	●	●	●
	Rolling Radius	●	●	●	●	●	●	●	●	●
Hardware	Body Height	●	●	●	●	●	●	●	●	●
	Rim Adaptor	○	○	○	○	○	○	○	○	○
	AUTO-Tracking	●	●	●	●	○	○	○	○	○
	Moveable	○	○	○	○	○	○	○	○	○
	Pad	○	○	○	○	○	○	○	○	○
	Double Screen	●	●	●	●	●	●	●	●	●
	Big target	○	○	○	○	○	○	○	○	○
	four points clamp	○	○	○	○	○	○	○	○	○

● Standard ○ optional

Measurement item	Display accuracy	Camber	Caster	Kingpin Inclination	Toe in&Toe out	Set back	Thrust angle	Wheel Deviation	Axis Deviation
Accuracy	1"/0.01°/0.1mm	±2'	±6'	±6'	±2'	±2'	±2'	±2mm	±2mm
Measurement range		±10°	±20°	±23°	±20°	±5°	±5°		

Alignment + ADAS Two in one for all



Less work station Accurate calibration One person operation



Wheel aligner+ADAS calibration



No Need Manual Ranging



Visualized calibration straighten



Could carry out wheel alignment



Movable Column



Touch Screen

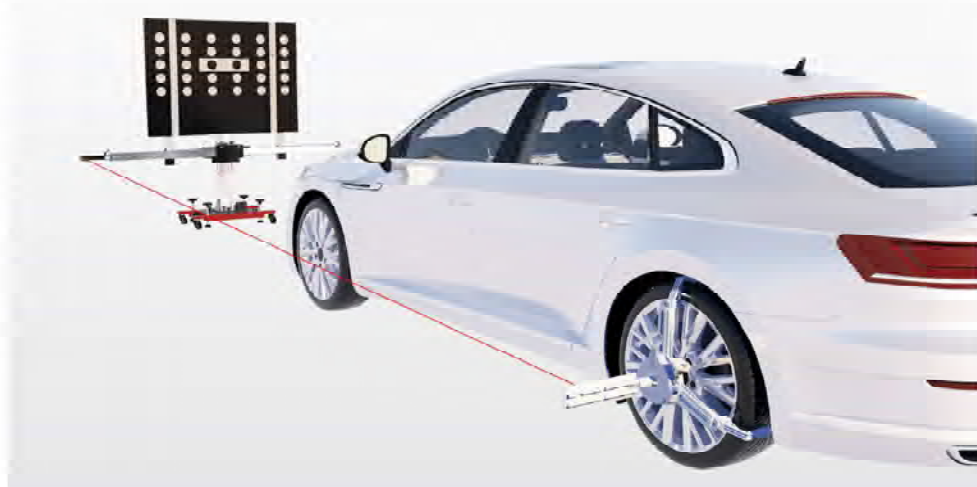


Rotating Arm



Suitable for: Volkswagen, Audi, Skoda, Porsche, Bentley, Mercedes-Benz, Honda, BMW, Lexus, Acura, Nissan, Infiniti, Hyundai, KIA, FIAT, Alfa Romeo, Geely, Wuling, Ersvate, Baojun.

Flexible storage /Manual lifting is more convenient



Quick installation: Two components can be assembled quickly, occupying a small space, convenient storage and easy transportation

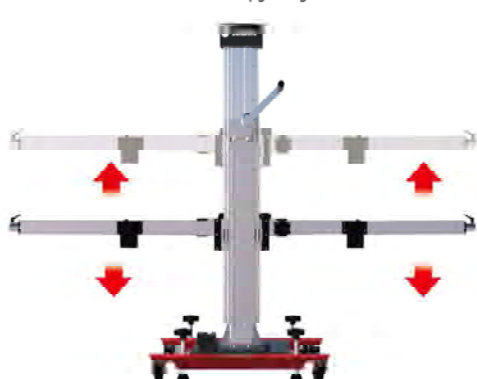
Simple operation: Manual height adjustment, one person can complete the operation

Accurate and Reliable: Laser targeting, accurate to millimeters

Versatile: Different functions can be calibrated, and different tools can be selected to assemble freely

Comprehensive function: It can calibrate ACC automatic adaptive cruise control, LDW lane departure warning, NVS night vision system, AVM panoramic detection, BSM blind spot detection, RCW rear collision warning, HUD head up display and AEB automatic emergency.

Car model range: It can support the ADAS calibration of Volkswagen, Audi, Porsche, Skoda, Aston Martin, Mercedes Benz, BMW, Fiat, Ferrari, Maserati Land Rover, Jaguar, Chrysler, jeep, Opel, Renault, Peugeot Citroen, Toyota, Lexus, Nissan, Infiniti, Mitsubishi, Honda, Subaru, Suzuki, Hyundai, Kia, Ford, Ken, Cadillac, Chevrolet, Buick Enovate and other domestic and foreign models, More models are still upgrading.

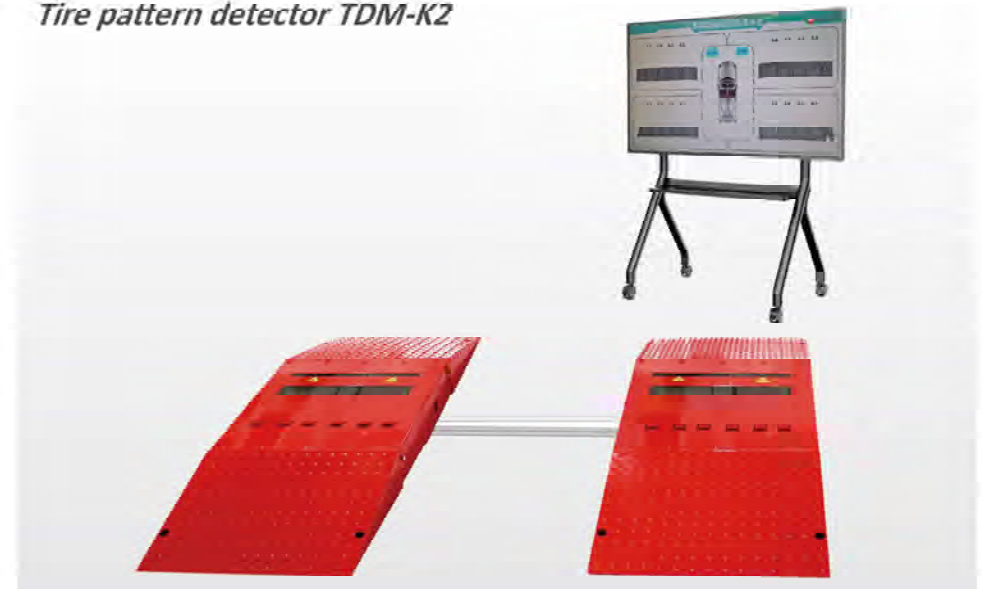


Size in operation : 2100×420×1520mm



Size on Storage : 750×420×2230mm

Tire pattern detector TDM-K2



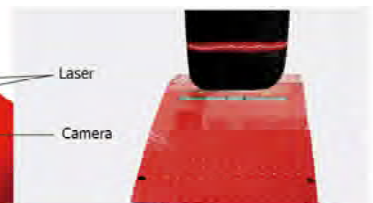
- This tire tread depth detector is an innovative product, used to detect the tread depth of vehicle tires. When inspecting the vehicle, the vehicle can drive directly over the surface of the equipment. The entire detection process does not take more than 5 seconds. It can be installed on a lift, underground or on the ground;
- When the car passes the detector, through the equipment's stereo camera and laser irradiation analysis, the tire tread depth detection results can be obtained in just a few seconds;
- Quickly detect the tread patterns of all tires, and the car owner can print out the test report before getting off the car;
- The test report images and values can clearly display the degree of tire wear and indicate the minimum and maximum tread depth;
- At the same time, by analyzing the degree of tire wear and uneven tread wear, it can guide the vehicle whether it needs to perform four-wheel alignment operations or guide customers to replace tires. It can also predict, analyze and judge the braking system and four-wheel alignment parameters, which is convenient Maintenance personnel can understand the condition of the vehicle and improve the overall profit of the store;
- Suitable for indoor and outdoor environments, it is an important equipment at the vehicle entrance of automobile 4S stores, tire shops, living communities, etc. It greatly improves the detection efficiency of vehicle tire wear and saves time and effort.



Tire tread measurement data display



Tire pattern detector core component display



Tire pattern detector detection process

SUNSHINE Auto Lift Features

LOW PROFILE SCISSOR LIFT



Scissor lift

1. With mechanical safety lock automatically engaged when rising, with high quality anti-explosion valve.
2. With Q345 international standard steel material, lifting capacity is 1.5 times of standard load, more safety conform with CE standard.
3. Emergency descent structure when unexpected power failure.
4. Super low profile for on ground installation — normal regular scissor lift min height 290mm. The lowest profile alignment scissor lift min height is 128mm and the lowest profile small scissor lift min height is only 110mm.
5. Platform cut and bent by 1-piece steel, more beautiful and durable.
6. Wider platform 630mm can be used with more vehicle types.
7. With 24V safety voltage control system, operation safety.



- Picture 1: Limited switch fit for more higher safety level of equipment and operator.
- Picture 2: Photo cell leveling security sensor.
- Picture 3: Pneumatic unlock structure, with top level pneumatic cylinder, more stable.
- Picture 4: Sub platform with one side extension design, can be used with more vehicle types.
- Picture 5: Power socket.
- Picture 6: Ramp with punching design, more slip-resistant than pattern one.
- Picture 7: Lock cover cut by laser cutting machine, bent by 1 piece steel, classic and with high accurate synchronization.
- Picture 8: Siemens electric components, more stable.

Two post lift



- Picture 1: Triple telescopic arm
- Picture 2: Aluminum motor
- Picture 3: Rubber pad
- Picture 4: Electric control box
- Picture 5: Max height limited switch
- Picture 6: Height adaptor
- Picture 7: Carriage is bent by 1 piece steel plate

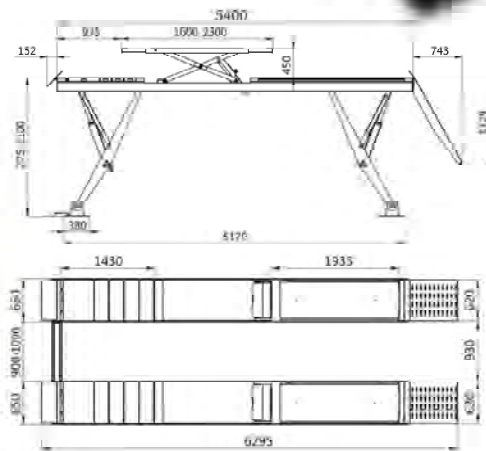
- 【Optional】
- Picture 8: Column hat
- Picture 9: Tools Box
- Picture 10: Optional 24V control box
- Picture 11: Arm holder block
- Picture 12: Reinforced protection rubber pad of arms.

High Lifting Type | QJY-J-Y55 Channel Design Low Profile Scissor Lift

Feature

1. The unique Y-shaped structure can achieve complete vertical lifting and lowering; the space at the bottom of the platform can be effectively used to improve operation efficiency.
2. Microcomputer intelligent control system, friendly and easy controlled panel, LCD touch screen control and display the height information real-time, automatic alarm for electrical faults etc.
3. The dual hydraulic pump station control system can realize real-time and precise leveling of the two platforms to ensure safe operation.
4. High-precision laser ranging module,

5. Equipped with PVC waterproof power socket and LED lighting.
6. Equipped with mechanical and hydraulic dual safety lock to ensure the safety of people and vehicles.



OVERALL DIMENSION



Model No.	QJY-J-Y5S	QJY-J-Y6S
Lifting Capacity	5.5 T (12125LB)	6.5 T (14330LB)
Lifting Height	450/2100mm (17/83inch)	
System Pressure	25Mpa	
Motor Power	1kW	
Voltage	380/220V	
MIN.Height	275mm (10inch)	
Platform Length	5400mm (212inch)	6000mm (236inch)

High Lifting Type | **QJY-J-55** Low Profile Alignment Scissor Lift

Feature

- 1.Minimum height is only 305mm, suitable for on ground surface installation .
- 2.Max height of the main platform is 2160mm, sub-platform can be extended, suitable for more longer vehicles.
- 3.Standard configuration equipped with Photocell leveling security sensor. Such powerful configuration can make lifting operation more safe.
- 4.Punching design ramp, slip-resistant performance is much better.
- 5.Imported hydraulic seals, the whole system is reliable.
- 6.With 6 synchronous cylinders design, high accurate synchronization, easy operation for platforms leveling adjustment.
- 7.Control system with PCB and Siemens electrical parts, stable performance;
- The overall design is very suitable for vehicle wheel alignment , ROC and body inspection, maintenance services.
- Optional: Platform connecting beam and Chassis ,convenient and fast to detect the ball joint clearance.
- 

The overall design is very suitable for vehicle wheel alignment, ROC and body inspection, maintenance services.



Optional; Platform connecting beam and Chassis play detector, convenient and fast to detect the ball joint clearance, ect of the vehicle chassis.



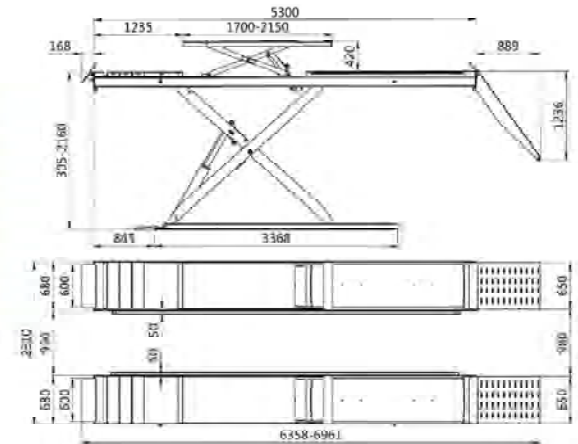
Model No.	QJY-355
Lifting Capacity	5.5 T (12125LB)
Lifting Height	420/2160mm (16/80inch)
System Pressure	25Mpa
Air Pressure	0.5-0.8Mpa
Motor Power	3KW
Voltage	380/220V
N.W	3.6T (8000LB)
MIN.Helght	305mm (12inch)
Platform Length	5300mm (209inch)

Standard configuration

equipped with photocell leveling security sensor,
slip plate with air cylinder controlled lock.

Optional

one or two jacking beam and the railway of jacking beam.



OVERALL DIMENSION

High Lifting Type | QJY-J-45 Low Profile Alignment Scissor Lift

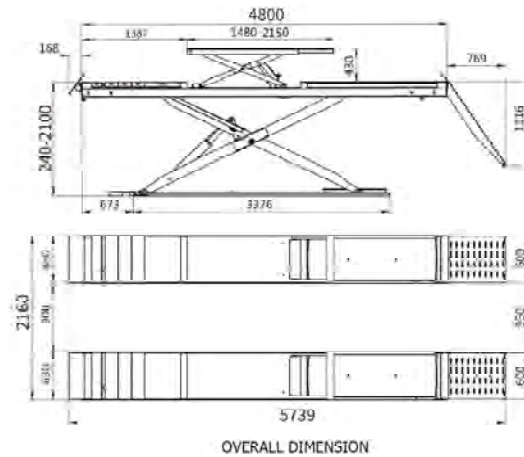
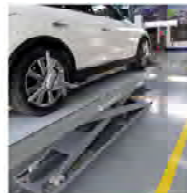
Feature:

1. Minimum platform height is only 240mm, suitable for ground surface installation.
 2. Max height of the main platform is 2100mm, sub-platform can be extended, suitable for longer vehicles.
 3. Equipped with automatic warning alarm, Photocell leveling security sensor.
 4. Punching design ramp, slip-resistant performance is much better.
 5. Imported hydraulic seals, the whole system is reliable.
 6. With 4 synchronous cylinders design, high accurate synchronization, easy operation for platforms leveling adjustment.
 7. Control system with printing PCB and Siemens electrical parts, stable performance.
- The overall design is very suitable for vehicle alignment, ROC and body inspection, maintenance services.



4.5T CE PICC

Model No.	QJY-J-45
Lifting Capacity	4.5 T (9900LB)
Lifting Height	430/2100mm (17/82inch)
System Pressure	25Mpa
Air Pressure	0.4-0.8Mpa
Motor Power	3KW
Voltage	380/220V
MIN. Height	240mm (9inch)
Platform Length	4800mm (189inch)



High Lifting Type | SXJ54523 Full Rise Alignment Scissor Lift

Feature:

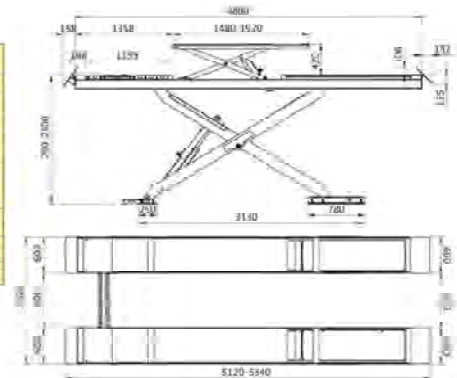
1. Min. height is 290mm, in ground or on ground installation(optional).
 2. Max height of the main platform is 2100mm, Sub-platform length can be extended.
 3. With automatic warning alarm.
 4. With new type slip-plates, assure tires at the most natural condition, and make the measurement value more accurate(such as Toe measurement ect).
 5. Solid steel scissor arms, high-strength, secure and stable.
 6. With manual pump connector, the lift can be lowered safely if power off suddenly, safe and thoughtful design.
- The total design structure suits for wheel alignment, body checking, vehicle maintenance. (Saving customer space, it is suitable for new users wheel alignment shop with limited floor space.)



4.0T 4.5T 5.0T CE PICC

Model No.	SXJ54023	SXJ54523	SXJ55023
Lifting Capacity	4.0 T (8800LB)	4.5 T (9900LB)	5.0 T (11023LB)
Lifting Height	420/2100mm (17/82inch)		
System Pressure	25Mpa		
Air Pressure	0.4-0.8Mpa		
Motor Power	3KW		
Voltage	380/220V		
N.W	2.2T (4850LB)	2.3T (5070LB)	2.4T (5070LB)
MIN.Height	290mm (11inch)	360mm (14inch)	
Platform Length	4500mm(177inch)	4800mm (189inch)	5300mm (208inch)

Optional: Ramp with punching design, better slip-resistance performance.



Small Scissor Lift | SXJS3518D Double Scissor Lift (In-ground Installation)

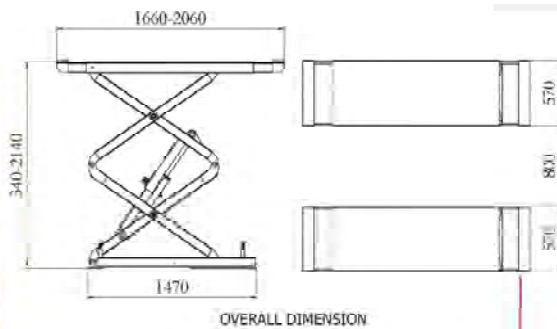
Feature:

1. High rigidity, good synchronization performance.
 2. In-ground installation, the minimum height is 340mm, save space, beautiful and durable.
 3. Imported hydraulic seals, the whole system is stable, and with hydraulic and mechanical protection, safe and reliable;
 4. Platform is double side extendable (Maximum length 2060mm). Model SXJS3018 is single side extendable (Maximum length 1760mm).
 5. When the lift is lowering, buzzer will alarm to for personal safety care.
 7. Limited switch can keep equipment long-term security and stability, prolong the service life.
- The overall design is very suitable for dismantling tires, chassis repair, oil change and fast repair maintenance .



3.0T 3.5T CE PICC

Model No.	SXJS3018D	SXJS3518D
Lifting Capacity	3.0 T (6600LB)	3.5 T (7700LB)
Lifting Height	340+1800mm (13+71inch)	
System Pressure	25Mpa	
Air Pressure	0.4-0.8Mpa	
Motor Power	2.2KW	
Voltage	380/220V	
N.W	0.68T (1499LB)	0.74T (1631LB)
MIN.Height	340mm (13inch)	
Platform Length	1660-2060mm (65-81inch)	



OVERALL DIMENSION

Optional : SXJS3018 single side extension

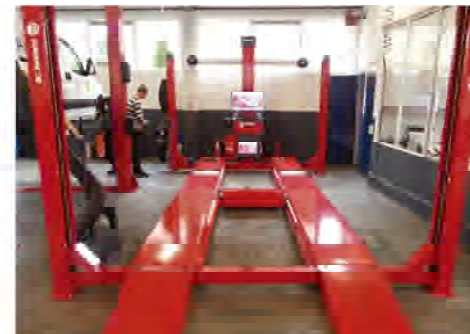


Four-Post Lift | SXJS5019B Four-post Lift(Electric Unlocking)

Feature:

- 1.Both column and beam are bent by one-piece steel, more stronger.
- 2.New beam structure is more beautiful.
- 3.Ramp with punching design, more slip resistant performance.
- 4.With more security protections, with anti-broken lock for steel ropes, passed a test of up-down continuous movement 1000 times.
- 5.All oil hoses are hidden and protected under platform.
6. Manual control system is optional. Standard with electric jacking beam, low noise, lifting fast, very convenient.

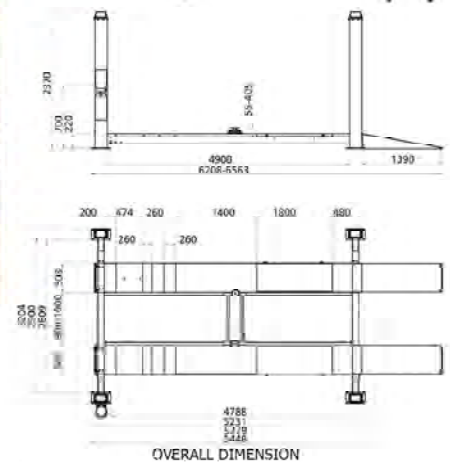
This lift design is suitable for alignment service , and car repairing.



4.0T 5.0T CE PICC

Model No.	SXJS4019B	SXJS5019B
Lifting Capacity	4.0 T (8800LB)	5.0 T (11000LB)
Lifting Height	350/1900mm (14/75inch)	
System Pressure	20Mpa	
Air Pressure	0.5Mpa	
Motor Power	2.2KW	
Voltage	380/220V	
N.W	1.35T (2976LB)	1.45T (3196LB)
Platform Length	4564mm (180inch)	5279mm (208inch)
Platform Width	508mm (20inch)	
MIN.Height	220mm (8.6inch)	
Space Between Posts	2715mm (107inch)	2900mm (114inch)

Note: SXJS4019B/ SXJS5019B with one electric jacking beam



OVERALL DIMENSION



Four-Post Lift | SXJS4019 Four-post Lift(manual Unlocking)

Feature:

- 1.Both column and beam are bent by one-piece steel, more stronger.
- 2.New beam structure is more beautiful, daily maintenance or parts changing more easier.
- 3.Ramp with punching design, more slip resistant performance.
- 4.With more security protections, with anti-broken lock for steel ropes, passed a test of up-down continuous movement 1000 times.
- 5.All oil hoses are hidden and protected under platform.
- 6.Standard with one jacking beam, low noise, lifting fast, very convenient.

This lift design is suitable for alignment service, and car repairing.

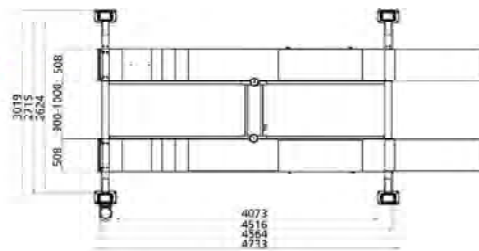


Manual unlocking, equipped with one jacking beam. SXJS4019A/SXJS5019A without jacking beam. Model A are not suitable for wheel alignment.

4.0T

5.0T

CE PICC



OVERALL DIMENSION

Model No.	SXJS4019	SXJS4019A	SXJS5019	SXJS5019A
Lifting Capacity	4.0 T (8800LB)		5.0 T (11000LB)	
Lifting Height	350/1900mm (13/75inch)	1850mm (72inch)	350/1900mm (13/75inch)	1850mm (72inch)
System Pressure	20Mpa			
Motor Power	2.2KW			
Voltage	380/220V			
N.W	1.35T(2976LB)	1.0T (2200LB)	1.4T(3086LB)	1.1T(2430LB)
Platform Length	4564mm (180inch)		5279mm (208inch)	
Platform Width	508mm (20inch)			
MIN.Height	220mm (8.6inch)	185mm (7.2inch)	220mm (8.6inch)	185mm (7.2inch)
Space Between Posts	2715mm (107inch)		2900mm (114inch)	



A



B

Standard with jacking beam A
Optional:jacking beam B

Two-Post Lift | GB-TP-4.5KA Two-post Clear Floor Lift (Manual Unlocking)

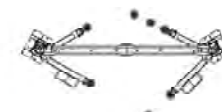
Features:

- 1.Unlocking unit controlled by 24V control box(optional) to guarantee safety and quick releasing.
- 2.Special bending structure column (Dual-S shape), one-piece steel bending structure carriage, beautiful and more stronger.
- 3.Telescopic arms are suitable for lifting vehicles of heavy weight and long wheel bases.
- 4.Safety protection:Anti-explosion oil pipe, mechanical lock, self-lock arms.
- 5.Rigid structure. Lift is made in strict accordance to CE standard.
- 6.Max. lifting height can be adjusted to 1,900mm and passing distance can be adjusted from 2,500mm to 2,800mm.Min height 110mm are suitable for vehicles with ultra low chassis.

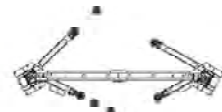
4.5T

CE PICC

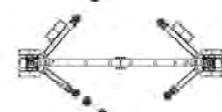
Model No.	GB-TP-4.5KA	GB-TP-4.5KC
Lifting Capacity	4.5T (8820LB)	
Lifting Height	1900mm (74inch)	
System Pressure	20Mpa	
Motor Power	2.2KW	
Voltage	380/220V	
N.W	0.72T (1600LB)	
Passway Space	2500-2800mm(98-110inch)	
MIN.Height	110mm (4inch)	
Releasing	Manual	Electrical



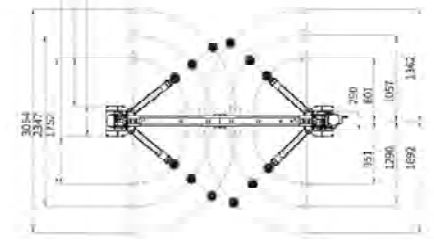
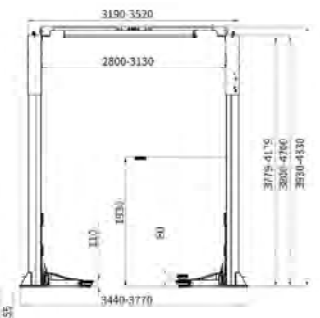
Installation Way A



Installation Way B



Installation Way C



OVERALL DIMENSION

Two-Post Lift | QJ-Y2-55KA Two-post Clear Floor Lift (Electric Unlocking)

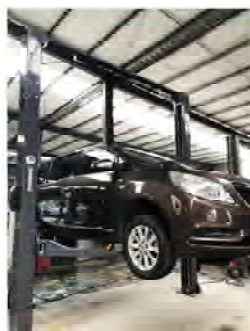
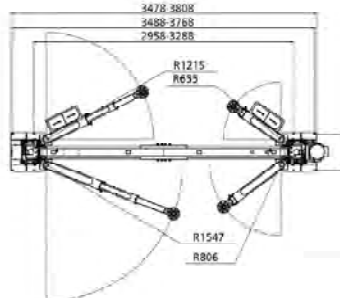
Features:

1. One-piece steel bending structure carriage, new structure stiffening plate, beautiful and strong.
 2. With short and long 3-section arms in front and rear for lifting long wheel base and heavy vehicles.
 3. Width can be extended to 2830mm. Height can be extended from 1900mm to 4250mm for lifting vehicles with big wheel base and high chassis. Steel rope diameter is 11mm. It's very safety for heavy vehicles.
 4. Safety protection: Anti-explosion oil pipe, mechanical lock, self-lock arms.
 5. Strong structure designed by CE standard.
- The whole design suit for tyre assembling, chassis checking and maintenance, oil changing, vehicle checking, etc.
(It's very useful for maintenance and repair heavy vehicle, wide wheel base vehicle in service station and garage.)

4.5T 5.5T CE PICC



Model No.	QJ-Y-2-45KC	QJ-Y-2-45KA	QJ-Y-2-55KC	QJ-Y-2-55KA
Lifting Capacity	4.5T (9900LB)		5.5T (12125LB)	
Lifting Height	<1900mm (<74inch)		<1910mm (<74inch)	
System Pressure	20Mpa			
Motor Power	2.2KW			
Voltage	380/220V			
N.W	0.75T (1650LB)		1.0T (2204LB)	
Tray Minimum Height	100mm (4inch)		115mm (4inch)	
Passway Space	2500/2830mm (98/111inch)			



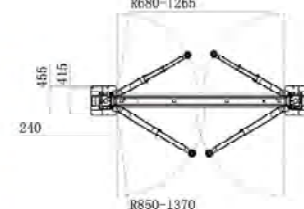
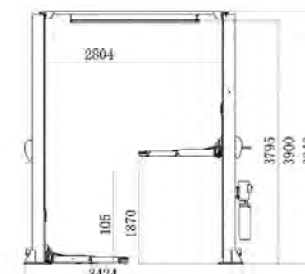
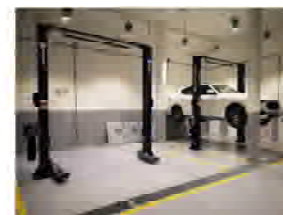
Two-Post Lift | QJ-Y2-40A Two-post Clear Floor Lift (Manual Unlocking)

Features:

1. One-piece steel bending structure carriage, new structure stiffening plate, beautiful and strong.
 2. With 2 sections front arms and 3-section rear arms, suitable for different wheel base vehicles.
 3. International famous oil seal ring, reduce oil-leaking rate, advanced power unit.
 4. Safety protection: Anti-explosion oil pipe, mechanical lock, self-lock arms.
 5. High strength structure design, totally comply with CE standard.
 6. Lifting height up to 1900mm, drive through clearance is 2500mm.
- Whole design more suitable for tyre mounting, chassis repair, oil change, vehicle precheck, etc.

4.0T 4.5T CE PICC

Model No.	QJ-Y2-40A	QJ-Y2-45A
Lifting Capacity	4.0T(8800LB)	4.5T(9900LB)
Lifting Height	<1900mm (<74inch)	
System Pressure	20Mpa	
Motor Power	2.2KW	
Voltage	380/220V	
N.W	0.72T (1600LB)	0.75T (1700LB)
Tray Minimum Height	100mm (4inch)	
Passway Space	2500mm (98inch)	



Two-Post Lift | QJ-Y2-40B Floor Plate Lift(Electric Unlocking)

Features:

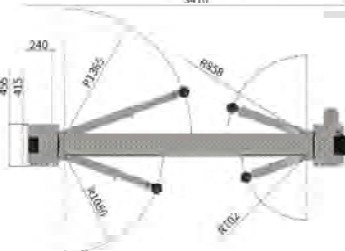
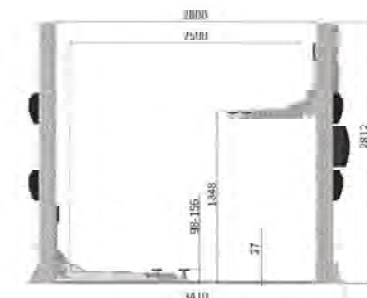
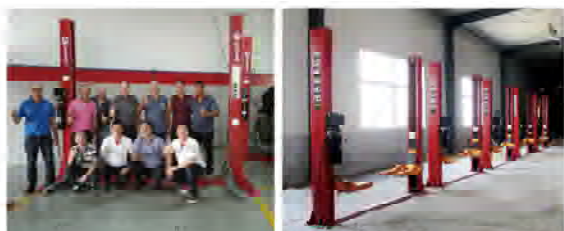
1. One-piece steel bending structure carriage, new structure stiffening plate, beautiful and strong.
2. Arm is made of 2 sections, front arm is short, and rear arm is long, suitable for vehicles with different wheelbase.
3. International famous oil seal ring, reduce oil-leaking rate, advanced power unit.
4. Three protections: oil pipe explosion-proof valve, mechanical lock, arm self-help lock.
5. High strength structure design, totally comply with CE standard.
6. Lifting height up to 1800mm, drive through clearance is 2500mm.

Whole design more suitable for tire mounting, chassis repair, oil change, vehicle precheck, etc. (Suitable for common vehicle repair shop, vehicle service station)

3.5T 4.0T CE PICC



Model No.	QJ-Y2-35B	QJ-Y2-40B
Lifting Capacity	3.5T(7700LB)	4.0T(8800LB)
Lifting Height	<1800mm (<70inch)	
System Pressure	20Mpa	
Motor Power	2.2KW	
Voltage	380/220V	
N.W	0.57T (1256LB)	0.6T (1322LB)
Tray Minimum Height	100mm (4inch)	
Passway Space	2500mm (98inch)	



Two-Post Lift | QJ-Y2-50E Wireless Two-post Lift

Feature:

1. Active fault self-test and diagnostic function; highly differentiated alarm function to prevent vehicle rollover;
2. Upper limit switch to ensure automatic shutdown when lifting to the highest point to prevent excessive pressure;
3. Computerized automatic leveling to ensure the two columns are lifted synchronously;
4. Adopt lora technology for wireless signal transmission, stable signal; real-time monitoring;
5. Leading domestic use of the overall bending structure of the sliding table cross channel, the overall force area of the sliding table increased, stronger load-bearing capacity;
6. Adopting front short and back long three sections of straight support arm to meet the lifting requirements of different wheelbase vehicles;
7. Use of imported Italian brand name seals; greatly reducing the chances of oil leakage; the use of high-quality aluminum power unit, good heat dissipation, good performance;
8. Made of national standard manganese steel plate, column laser cutting and bending the whole production;
9. No beam, no bottom plate, wireless connection technology, width adjustable;

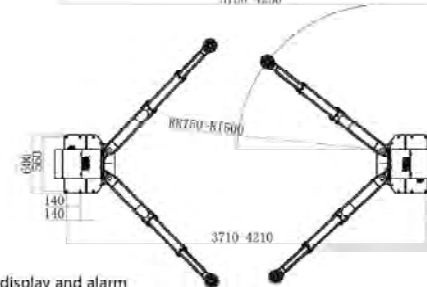
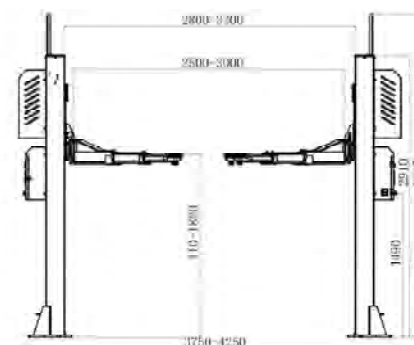


5.0T 8.0T PICC

Model No.	QJ-Y2-50E	QJ-Y2-80E
Lifting Capacity	5.0T(11023LB)	8.0T(17636LB)
Lifting Height	<1820mm (<71inch)	
System Pressure	20Mpa	
Motor Power	2.2KW*2	
Voltage	380/220V	
N.W	0.96T (2116LB)	1.1T (2425LB)
Tray Minimum Height	110mm (4inch)	
Passway Space	2500-3000mm (98-118inch)	



1. Wireless transmission, automatic leveling, height difference display and alarm
2. Integrated bending slide cross channel
3. Height catching sleeve and bracket
4. Double column electric control box



OVERALL DIMENSION

SUNSHINE Tyre Changer STC-978

Features:

- New design automatic dismantling head instead of crowbar, equipped with plastic protective pad to protect the rim better
- Adopt pneumatic faster locking device without turntable, taking only one second to tighten the tire, more easily and conveniently
- Motor controlled by Continuously Variable Transmission for 220V specification, improve working efficiency and lower the noise
- With backward-style column, right assistant arm design
- Pulsed inflating system, making the inflation speed faster
- Advanced bead breaker with universal device, protecting the rim better
- Pneumatic cylinder with tower shape spring to absorb air from one direction, back to original position in 3 second, more powerful and stonger
- Foot pedal with pulling design, more convenient for repair and service
- Lifting trolley to reduce labor consumption
- Pneumatic control of hexagonal bar saving time and labor
- Aluminum foot pedal



Adopt pneumatic locking device, operating easily and conveniently



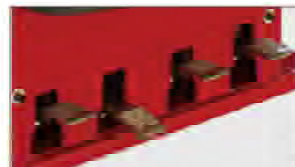
New design automatic dismantling head



Pneumatic cylinder with tower shape spring to absorb air from one direction, back to original position in 3 second, more powerful and stonger



Motor controlled by Continuously Variable Transmission for 220V specification, improve working efficiency and lower the noise



Aluminum foot pedal

Specification

Voltage	220/380V
Power	1.1/0.75kw
Working speed	6.8/13.6rpm
Working pressure	8-10bar
Max tyre diameter	1180mm
Tyre width	3-14"
N.W/G.W	345kg/378kg



Pulsed inflating system, speed up tyre inflation

SUNSHINE Tyre Changer STC-888

Features:

- Side swing rotary lifting structure design, saving space; convenient operation
- Claw equipped with protective sleeve, full protection for tire and rim
- Precision steel cast claw, firm and durable
- Sliding plate designed Mechanical arm, inside with wear-resistant high polymer plastic slide block to achieve smooth operating.
- Novel structure design, convenient and flexible in use
- Universal bead breaker, more suitable for operation
- Aluminum foot pedal, durable service life
- Change the clamping range by adjust the slider position
- Elegant appearance vertical inflation-tool box, more practical



Side swing rotary lifting structure



Pulse type inflating system, speed up tyre inflation



Pneumatic cylinder with tower shape spring to absorb air from one direction, back to original position in 3 second, more powerful and stonger



Motor controlled by Continuously Variable Transmission for 220V specification, improve working efficiency and lower the noise



Aluminum foot pedal

Specification

Voltage	220/380V
Power	1.1/0.75kw
Working speed	6.8/13.6rpm
Working pressure	8-10bar
Inside clamp	15-28/18-30"
Outside clamp	12-26/15-28"
Max tyre diameter	1180mm
Tyre width	3-14"
N.W/G.W	304kg/334kg



Automatic flipping dismantling head

SUNSHINE® Tyre Changer STC-878S

Features:

- With automatic flipping dismounting head, no need to use crowbar during work, an additional plastic part to double protect wheel rim
- With backward-style column
- Turning table with two rotating speed, 6.8rpm-13.6rpm/min to improve working efficiency, can be used in tyre factory or refitted car factory
- Clamping jaw can be adjusted to 30"
- Advanced bead breaker with universal device, protecting the rim better
- Advanced pneumatic assistant arm, more suitable for flat and large diameter tyre disassembly
- Pulsed inflating system
- Bead breaker protector adopts 6mm thickness material and anti-slip design
- Foot pedal can be pulled out, convenient for repair



28" turning table, Clamping jaw can be adjusted to 30"



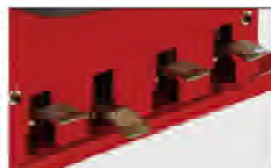
Pneumatic cylinder with tower shape spring to absorb air from one direction, back to original position in 3 second, more powerful and stonger



Pulsed inflating system, speed up tyre inflation



Aluminum rotating valve with wear-resistant nylon bush inside



Aluminum foot pedal



For 380V power supply, two-speed, low noise motor is optional to improve working efficiency

Specification

Voltage	220/380V
Power	1.1/0.75kw
Working speed	6.8/13.6rpm
Working pressure	8-10bar
Inside clamp	15-28/18-30"
Outside clam	12-26/15-28"
Max tyre diameter	1180mm
Tyre width	3-14"
N.W/G.W	396kg/425kg

SUNSHINE® Tyre Changer STC-868R

Features:

- With backward-style column
- With streamlined design, good looking and classic
- Aluminum rotating valve with wear-resistant nylon bush inside
- Pneumatic cylinder with tower shape spring to absorb air from one direction, back to original position in 3 second, more powerful and stonger
- Turning table with two rotating speed, 6.8rpm-13.6rpm/min to improve working efficiency
- Foot pedal can be pulled out, convenient for repair
- Pulsed inflating system.
- This is a good model to be used in tyre shops or refitted car workshop.



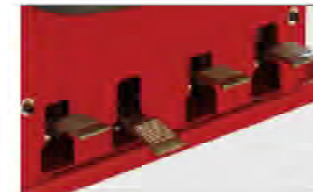
20" turning table



380V power supply is standard with 2-speed rotating motor. Low noise motor is optional to improve working experience.



Aluminum rotating valve with wear-resistant nylon bush inside



Aluminum foot pedal

Specification

Voltage	220/380V
Power	1.1/0.75kw
Working speed	6.8/13.6rpm
Working pressure	8-10bar
Inside clamp	15-28"
Outside clam	12-26"
Max tyre diameter	1180mm
Tyre width	3-14"
N.W/G.W	392kg/430kg



Pneumatic cylinder with tower shape spring to absorb air from one direction, back to original position in 3 second, more powerful and stonger



Pulsed inflating system, speed up tyre inflation

SUNSHINE® Tyre Changer STC-768R

Features:

- Side swing column tyre changer;
- With streamlined design, good looking and classic;
- Aluminum rotating valve with wear-resistant nylon bush inside;
- Pneumatic cylinder with tower shape spring to absorb air from one direction, back to original position in 3 second, more powerful and stronger;
- Dismounting head shift adjustable to make the working head suitable for various dimension rims;
- Unique bead breaker with universal device, protecting the rim;
- Advanced pneumatic assistant arm, more suitable for flat and large diameter tyre disassembly;
- Bead breaker protector adopts 6mm thickness material and anti-slip design;
- Foot pedal can be pulled out, convenient for repair.



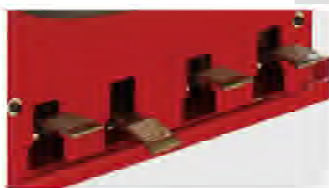
28" turning table



Advanced pneumatic assistant arm



Aluminum rotating valve with wear-resistant nylon bush inside



Aluminum foot pedal

Specification

Voltage	220/380V
Power	1.1/0.75kw
Working speed	6.8rpm
Working pressure	8-10bar
Inside clamp	14-26"
Outside clamp	12-24"
Max tyre diameter	1180mm
Tyre width	3-14"
N.W/G.W	334kg/383kg

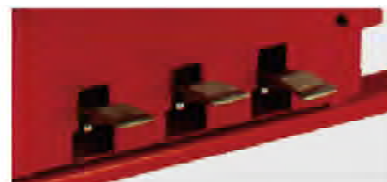


Pneumatic cylinder with tower shape spring to absorb air from one direction, back to original position in 3 second, more powerful and stronger

SUNSHINE® Tyre Changer STC-758

Features:

- Pneumatic lock control assistant arm, much easier for positioning
 - Self centering device, much accurately for clamping rims.
 - Tyre pressing arm can be rotated in 360 degree, much safer
 - Tyre lifting function, more convenient during tyre dismounting
 - Dismounting head shift adjustment to make the working head suitable for various dimension rims
 - Bead breaker protector adopts 6mm thickness material and anti-slip design
 - Aluminum rotating valve with wear-resistant nylon bush inside
 - Pneumatic cylinder with tower shape spring to absorb air from one direction, back to original position in 3 second, more powerful and stronger
- Foot pedal can be pulled out, convenient for repair.



Aluminum foot pedal



Pneumatic lock control assistant arm



Aluminum rotating valve with wear-resistant nylon bush inside



Pneumatic cylinder with tower shape spring to absorb air from one direction, back to original position in 3 second, more powerful and stronger

Specification

Voltage	220/380V
Power	1.1/0.75kw
Working speed	6.8rpm
Working pressure	8-10bar
Inside clamp	14-26"
Outside clamp	12-24"
Max tyre diameter	1180mm
Tyre width	3-14"
N.W/G.W	251kg/279kg



Tyre pressing arm can be rotated in 160 degree, much safer



Self centering function for clamping rims much easier also with tyre lifting function

SUNSHINE Tyre Changer STC-658

Features:

- With streamlined design, good looking and classic
- Aluminum rotating valve with wear-resistant nylon bush inside
- Dismounting head shift adjustment to make the working head suitable for various dimension rims
- Bead breaker protector adopts 6mm thickness material and anti-slip design
- Foot pedal can be pulled out, convenient for repair
- Stainless steel dismounting head
- Universal bead breaker
- Press bar makes mounting easier



24" turning table



Stainless steel
dismounting head



Lateral swing arm type



Four foot pedal



Specification

Voltage	220/380V
Power	1.1/0.75kw
Working speed	6.8rpm
Working pressure	8-10bar
Inside clamp	13-25"
Outside clamp	9-21"
Max tyre diameter	1070mm
Tyre width	3-14"
N.W/G.W	188kg/223kg



Lock joint



Universal bead breaker

SUNSHINE Wheel Balancer SY668T

Features:

- Two measurement modes can realize conversion between truck and car;
- Higher balance accuracy, for car the accuracy is $\pm 1g$, for truck the accuracy is $\pm 10g$;
- Grating measuring, automatic measurement input;
- Automatic positioning and locking functions of unbalanced points;
- Twelve o'clock and three o'clock laser line indication;
- Up to ten language settings;
- A variety of balancing operation modes can realize unbalanced block clamping, pasting, etc;
- Intelligent automatic calibration function, automatic fault diagnosis and protection function;
- Suitable for tire balancing of trucks, buses, military vehicles and special vehicles.
- Optional ultrasonic wheel width ruler;
- Optional touch screen and data report printing functions.



Specification

Rim Diameter	10"-24"
Max Wheel Weight	160kg
Max Tyre Diameter	1200mm
Voltage	AC220V 50Hz
Motor Power	0.55Kw
Position accuracy	1.5°
Back space	< 348mm
Noise	< 70db
Overall Dimensions	2000x1500mm
N.W/G.W	215kg/255kg

Standard Accessories



Tyre Lift



40mm center shaft



Wheel protection cover

Features:

- LCD screen, under the ALU mod could choose 12 o'clock or 6 o'clock position to glue the balance weight.
- Multiple balancing mode.
- Troubleshooting and self-protective.
- Suitable for steel and aluminum alloy rim.
- With grating automatic scale, automatic measure A/D rim.
- With laser function, convenient to indicate where to paste balance weight.
- With radar, automatic measure the B value (rim width)
- With HTD rim segmentation function, OPT function
- Optional: Motor lock function, easy to place the balance weight and do rim segmentation.

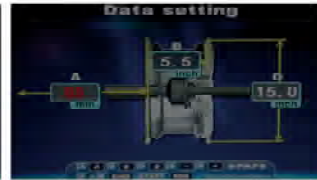


Specification

Voltage	220V
Power	0.25kw
Balance speed	200rpm
Balance cycle	7s
Wheel width	1.5-20"
Rim diameter	10-28"
Max wheel weight	70Kg
Max wheel diameter	1000mm
Precision	±1g
N.W/G.W	120kg/140kg



Foot locking pedal, convenient to stick unbalancing weight



19" LCD 3D display, intelligent chip



Imported potentiometer on the automatic measuring gauge.



HTD function



Radar measurement



High precision main shaft with heat treatment process

Features:

- 19" LCD display showing 3D images
- Various languages are optional
- Multiple balancing modes: Static balancing and dynamic balancing procedures, four types ALU balancing mode and ALU-S mode
- Automatic measuring, using imported potentiometer, more accurate
- High-precision main shaft with heat treatment process
- With troubleshooting and self-calibration function
- HTD function, split balance weight to back of tyre can protect outside of rim from damage
- OPT function, wheel and rim optimization
- Foot brake positioning at unbalanced point, improve the balancing accuracy
- Motor brake positioning at unbalanced point, more accurate and convenient
- Standard with laser positioning function. Touch screen can be optional.

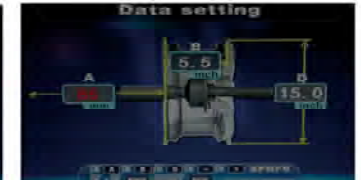


Specification

Voltage	220V
Power	0.25kw
Balance speed	200rpm
Balance cycle	7s
Wheel width	1.5-20"
Rim diameter	10-24"
Max wheel weight	70Kg
Max wheel diameter	1000mm
Precision	±1g
N.W/G.W	120kg/140kg



Foot locking pedal, convenient to stick unbalancing weight



19" LCD 3D display, intelligent chip



Imported potentiometer on the automatic measuring gauge.



HTD function



Wheel diameter and width can be measured and input automatically.



High-precision main shaft with heat treatment process

SUNSHINE® Wheel Balancer S868

Features:

- High-precision main shaft with strict heat treatment process to improve the strength, wear resistance and longer service life.
- Three display windows with enlarged digital display to be more clear.
- Multiple balancing methods for different rim configurations.
- With troubleshooting and self-calibration program.
- Unit conversion (Gram to Ounces, millimeters to inch).
- HTD function, split balance weight to back of tyre can protect outside of rim from damage.
- OPT function, wheel and rim optimization.
- The value of A & D can be measured automatically.
- Main shaft with foot step type positioning function to help to locate the unbalanced point.

Specification

Voltage	220V
Power	0.25kw
Balance speed	200rpm
Balance cycle	7s
Wheel width	1.5-20"
Rim diameter	10-24"
Max wheel weight	70Kg
Max wheel diameter	1000mm
Precision	±1g
N.W/G.W	120kg/140kg



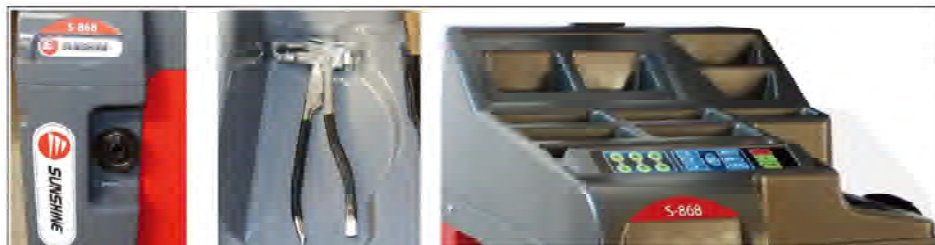
Internal automatic ruler, the value of A & D can be measured automatically



LED display



Foot locking pedal, convenient to stick unbalancing weight



With streamlined design, good looking and classic, adopts ABS plastic with high impact resistance.

SUNSHINE®

Wheel Balancer S828

Features:

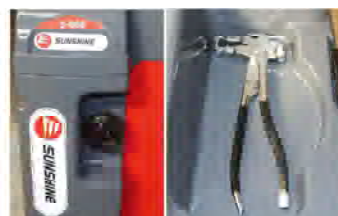
- High-precision main shaft with heat treatment process to improve the strength, wear resistance and longer service life.
- Multiple balancing methods for different rim configurations.
- With troubleshooting and self-calibration program.
- Unit conversion (Gram to Ounces, millimeters to inch).
- Continuous operation, batch inspection of tyres, suitable for rim manufactures.
- OPT function, tyre and rim optimization.
- With compact LED operation panel.

Specification

Voltage	220V
Power	0.25kw
Balance speed	200rpm
Balance cycle	7s
Wheel width	1.5-18"
Rim diameter	10-24"
Max wheel weight	65Kg
Max wheel diameter	1000mm
Precision	±1g
N.W/G.W	120kg/140kg



curved arm stand monitor



With streamlined design, good looking and classic, adopts ABS plastic with high impact resistance.



Foot locking pedal, convenient to stick unbalancing weight



High-precision main shaft with heat treatment process



Features:

- High-precision main shaft with heat treatment process to improve the strength, wear resistance and longer service life
- Multiple balancing methods for different rim configurations
- With troubleshooting and self-calibration program
- Unit conversion (Gram to Ounces, millimeters to inch)
- Continuous operation, batch inspection of tyres, suitable for rim manufactures.
- OPT function, tyre and rim optimization

Specification

Voltage	220V
Power	0.25kw
Balance speed	200rpm
Balance cycle	7s
Wheel width	1.5-18"
Rim diameter	10-24"
Max wheel weight	65Kg
Max wheel diameter	1000mm
Precision	±1g
N.W/G.W	118kg/140kg



With streamlined design, good looking and classic, adopts ABS plastic with high impact resistance.



Foot locking pedal, convenient to stick unbalancing weight



Tire Lift

Specification

Max. lifting weight	Working air pressure
65kg	8-10bar
N.W/G.W	Max. lifting height
42/55kg	780mm

Features:

- Small size, time and labor saving, easy to operate.
- Suitable for all kinds of car tire lifting.
- Lifting height is the same as the turning table of the tire changer.



Features:

- Small size, time-saving, labor-saving, easy to operate.
- Suitable for all kinds of car tire lifting.
- The tire can be easily dismantled after being lifted.

Specification

Max. lifting weight	Working air pressure
120kg	8-10bar
N.W/G.W	Max. lifting height
44/51kg	400mm



Wheel Balancer Lifting Car

Optional Accessory List For Tire Changer



Optional tools



3-point clamp



3-point clamp with protecting hooks



protecting hooks



4-point clamp
Installation quick and easy, suitable for rims with diameter 11"-23", or 11"-25" with extension



Free-disassembly camber gauge
No need to disassemble shock absorber when correcting camber. It's easy and convenient, very good product to improve work efficiency.

Auto chassis adjustment accessories

Camber

Caster

Toe-in & Toe-out

Bolt

Tools

Kinds of vehicles

Wheel angle adjusting parts

Modification of suspension swing arm

Providing customized service of suspension swing arm



Cooperation partners

