



YINGKOU CHENTUO TECHNOLOGY CO., LTD.

# TYPE CHANGER MACHINE WHEEL BALANCER MACHINE

30 years of professional production | Long after-sales |  
Customizable production | Customer first



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30 years of professional production

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Multilingual foreign trade sales team  
Professional Solutions

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01

# ABOUT US



Yingkou Chentuo science and Technology Co.Ltd.

is a professional manufacturer which integrates research and development, production and sales.

## ABOUT US

**Yingkou Chentuo science and Technology Co.Ltd.** is a professional manufacturer which integrates research and development, production and sales. The company has strong technical force, strong design and manufacturing capabilities, and stable product quality. It is deeply favored by users. The main production of various models of tire demolition machine series, balance machine series. **After more than ten years of unremitting efforts, the quality of the peak auto insurance to attract customers at home and abroad**, but also gave a high evaluation of the peak auto insurance.

Our factory is a member unit of the Automobile Insurance Association, and has been rated as an "industry integrity unit" for many years. Our purpose is "quality is life. We will use first-class products", **first-class services and users to work together to create glory.**

With the development of China's auto insurance industry, with the support and love of old users, our factory will provide you with more advanced and better products, and provide you with more professional and more complete services. We are willing to work with colleagues from all walks of life. Create a better tomorrow.





02

# FACTORY



30 years of professional production equipment

# FACTORY

Professional  
manufacturing of tire  
stripper



Professional  
manufacturing of tire  
balancing machine



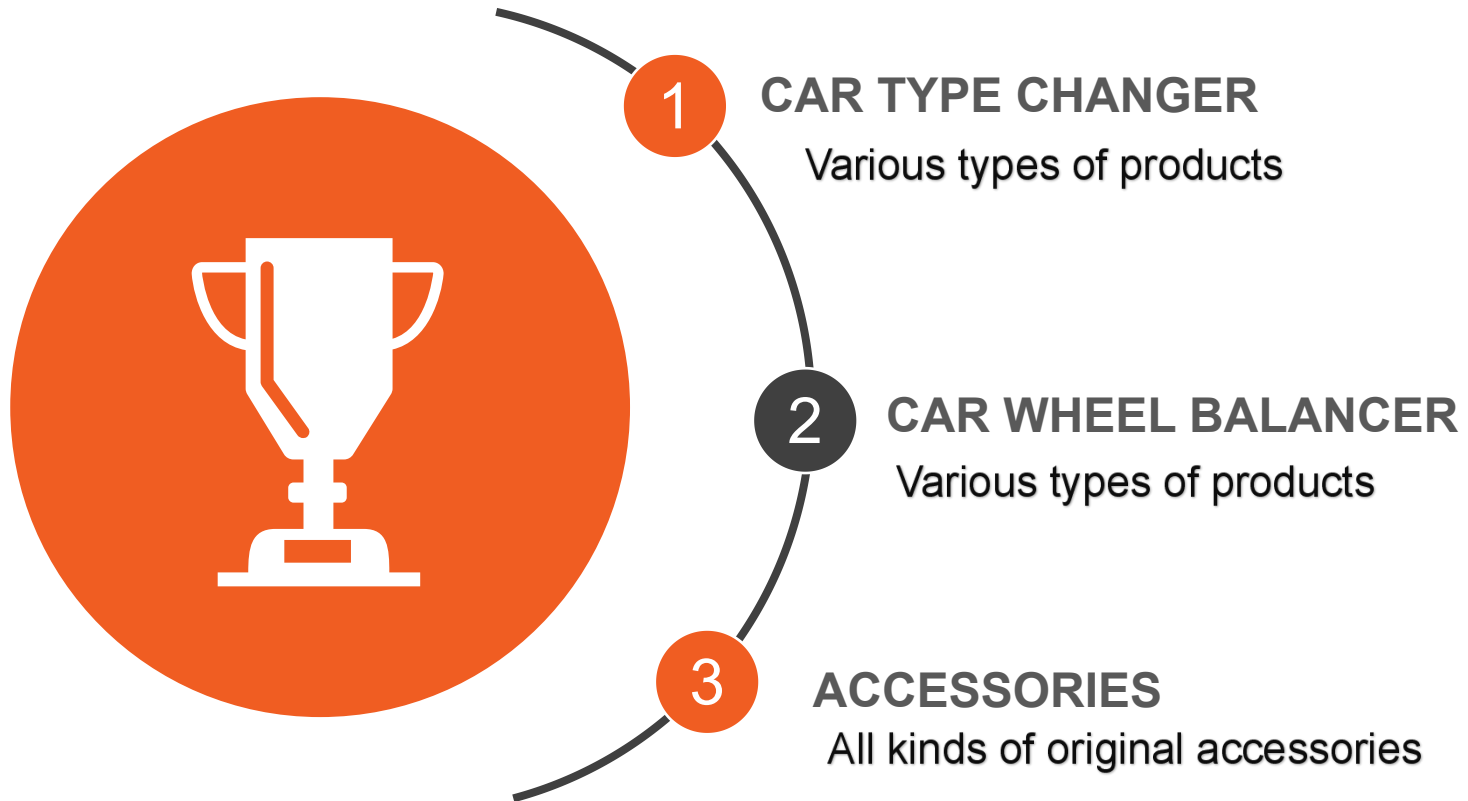
03

# PRODUCTS



car type changer and car wheel balancer

# PRODUCTS



# PRODUCTS

## CAR TYPE CHANGER



CT-701



CT-702



CT-705

# PRODUCTS

## CAR TYPE CHANGER



**CT-706**



**CT-709**



**CT-708**

# PRODUCTS

## CAR TYPE CHANGER



**CT-707Z**



**CT-708Z**



**CT-709Z**

# CAR TYPE CHANGER



## CT-701

### FEATURES:

- 1.Enhanced S41 hexagon shaft with better intensity to avoid mechanical deformation during working.
- 2.Clamping jaw is equipped with a protective sleeve to provide more comprehensive protection for the tires and rims.
- 3.Equipped with mechanical arm which makes mounting and demounting tire more quicker and easier.
- 4.The clamping jaw is made of precision steel cast which is firm and durable.
- 5.Base of mechanical arm is a complete one set,inside with wear-resistant macromolecule nylon slide block,to achieve smooth operating.
- 6.The structure design is novel,the layout is reasonable,in order to use more flexible and convenient.

### TECHNICAL PARAMETER:

size :	12-24"
Max.wheel dianeter:	1120mm
Max.tire width:	3-14"
Working pressure:	8-10bar
Voltage:	380v/220v/110v
Power:	0.75kw/1.1kw
Cmopltet machine packing size:	1150*1050*1760mm
Het weight /Gross weight:	299kg-345kg

# CAR TYPE CHANGER



## CT-702

### FEATURES:

1. Economical and practical type.
2. Piston of spade cylinder is high density aluminum casting to prolong its service life.
3. The clamping jaw is made of precision steel cast which is firm and durable.
4. Optional motorcycle adaptor.
5. Enhanced inner box structure can avoid mechanical deformation during working to prolong its service life.
6. Clamping jaw is equipped with a protective sleeve to provide more comprehensive protection for the tires and rims.

### TECHNICAL PARAMETER:

size :	12-24"
Max.wheel diameter:	1070mm
Max.tire width:	3-14"
Working pressure:	8-10bar
Voltage:	380v/220v/110v
Power:	0.75kw/1.1kw
Complete machine packing size:	1120*840*870mm
Net weight /Gross weight:	188kg-233kg

# CAR TYPE CHANGER

## FEATURES:

- 1.It is equipped with upper central helping hand which is reasonably structure,space saved and easy to operate.
- 2.Enhanced S41 hexagon shaft with better intensity to avoid mechanical deformation during working.
- 3.The clamping jaw is made of precision steel cast which is firm and durable.
- 4.Enhanced inner box structure can avoid mechanical deformation during working to prolong its service life.
- 5.Clamping jaw is equipped with a protective sleeve to provide more comprehensive protection for the tires and rims.

## TECHNICAL PARAMETER:

size :	12-24"
Max.wheel diameter:	1070mm
Max.tire width:	3-14"
Working pressure:	8-10bar
Voltage:	380v/220v/110v
Power:	0.75kw/1.1kw
Complete machine packing size:	1050*900*1580mm
Net weight /Gross weight:	230kg-258kg



**CT-703**

# CAR TYPE CHANGER



## CT-705

### FEATURES:

1. Economical and practical type.
2. Piston of spade cylinder is high density aluminum casting to prolong its service life.
3. The clamping jaw is made of precision steel cast which is firm and durable.
4. Optional motorcycle adaptor.
5. Enhanced inner box structure can avoid mechanical deformation during working to prolong its service life.
6. Clamping jaw is equipped with a protective sleeve to provide more comprehensive protection for the tires and rims.

### TECHNICAL PARAMETER:

size :	12-24"
Max.wheel diameter:	920mm
Max.tire width:	3-13"
Working pressure:	8-10bar
Voltage:	380v/220v/110v
Power:	0.75kw/1.1kw
Complete machine packing size:	990*740*870mm
Net weight /Gross weight:	160kg-184kg

# CAR TYPE CHANGER



**CT-706**

## FEATURES:

- 1.Adjusting mobile slider to be suitable for different rim ranges.
- 2.The motion structure of the four automatic alignment gripping jaws on the turnplate is link mechanism,which has synchronizing function and fix center automatically when gripping from outside to inside.
- 3.The once forming mobile slider and the design of processing machinery structure made it not easy to deformation.
- 4.The round working turn plate has synchronous centering and fine adjustment function which make the operating of type changer more easy and smooth.
- 5,When the machine is running,the noise is low.
- 6.The tools touching rim directly like changing working head,jaws,crowbar and spade are all equipped with protector,these protectors ensure no hurt to the rim.
- 7.It has good personal presentation,thick steel plate and super strong rigidness.

## TECHNICAL PARAMETER:

size :	12-24"
Max.wheel diameter:	950mm
Max.tire width:	3-14"
Working pressure:	8-10bar
Voltage:	380v/220v/110v
Power:	0.75kw/1.1kw
Complete machine packing size:	1120*860*870mm
Net weight /Gross weight:	220kg-249kg

# CAR TYPE CHANGER



## CT-707Z

### FEATURES:

- 1.New design automatic working head instead of crowbar and equipped with plastic protective pad to double protect the rim from damage.
- 2.Adopt pneumatic locking device,operation easily and conveniently.
- 3.Wheel seat equip with nylon plate, can not damage the rim,suitable for many kinds of tire.
- 4.Enhanced S41 hexagon shaft with better intensity to avoid mechanical deformation during working.
- 5.Base of mechanical arm is a complete one set, inside with wear-resistant macromolecule nylon slide block ,to achieve smooth operating.
- 6.The structure design is novel,the layout is reasonable,in order to use more flexible and convenient.
- 7.Adopt automatic lateral swing arm and side assist hand to disassemble the tire.

### TECHNICAL PARAMETER:

size :	12-26"
Max.wheel diameter:	1180mm
Max.tire width:	3-14"
Working pressure:	8-10bar
Voltage:	380v/220v/110v
Power:	0.75kw/1.1kw
Complete machine packing size:	1120*860*870mm
Net weight /Gross weight:	220kg-249kg

# CAR TYPE CHANGER



## CT-708

### FEATURES:

1. Adopt pneumatic locking device, operation easily and conveniently.
2. Wheel seat equip with nylon plate, can not damage the rim, suitable for many kinds of tire.
3. Enhanced S41 hexagon shaft with better intensity to avoid mechanical deformation during working.
4. Base of mechanical arm is a complete one set, inside with wear-resistant macromolecule nylon slide block, to achieve smooth operating.
5. The structure design is novel, the layout is reasonable, in order to use more flexible and convenient.
6. Add three working pressure points to make mounting and demounting tires are save time and labor, increase efficiency at the same time.

### TECHNICAL PARAMETER:

size :	12-26"
Max.wheel diameter:	1180mm
Max.tire width:	3-14"
Working pressure:	8-10bar
Voltage:	380v/220v/110v
Power:	0.75kw/1.1kw
Complete machine packing size:	1250*1050*1760mm
Net weight /Gross weight:	336kg-378kg
Auxiliary hand weight:	60kg

# CAR TYPE CHANGER



## CT-708Z

### FEATURES:

- 1.New design automatic working head instead of crowbar and equipped with plastic protective pad to double protect the rim from damage.
- 2.Adopt pneumatic locking device,operation easily and conveniently.
- 3.Wheel seat equip with nylon plate, can not damage the rim,suitable for many kinds of tire.
- 4.Enhanced S41 hexagon shaft with better intensity to avoid mechanical deformation during working.
- 5.Base of mechanical arm is a complete one set, inside with wear-resistant macromolecule nylon slide block ,to achieve smooth operating.
- 6.The structure design is novel,the layout is reasonable,in order to use more flexible and convenient.
- 7.Add three working pressure points to make mounting and demounting tires are save time and labor,increase efficiency at the same time.

### TECHNICAL PARAMETER:

size :	12-26"
Max.wheel diameter:	1180mm
Max.tire width:	3-14"
Working pressure:	8-10bar
Voltage:	380v/220v/110v
Power:	0.75kw/1.1kw
Complete machine packing size:	1250*1050*1760mm
Net weight /Gross weight:	336kg-378kg
Auxiliary hand weight:	60kg

# CAR TYPE CHANGER



## CT-709

### FEATURES:

1. Adopt pneumatic locking device, operation easily and conveniently.
2. Wheel seat equip with nylon plate, can not damage the rim, suitable for many kinds of tire.
3. Enhanced S41 hexagon shaft with better intensity to avoid mechanical deformation during working.
4. Base of mechanical arm is a complete one set, inside with wear-resistant macromolecule nylon slide block, to achieve smooth operating.

### TECHNICAL PARAMETER:

size :	12-24"
Max.wheel diameter:	1180mm
Max.tire width:	3-14"
Working pressure:	8-10bar
Voltage:	380v/220v/110v
Power:	0.75kw/1.1kw
Complete machine packing size:	1250*1050*1760mm
Net weight /Gross weight:	336kg-378kg
Auxiliary hand weight:	60kg

# CAR TYPE CHANGER



## CT-709Z

### FEATURES:

1. Adopt pneumatic locking device, operation easily and conveniently.
2. Wheel seat equip with nylon plate, can not damage the rim, suitable for many kinds of tire.
3. Enhanced S41 hexagon shaft with better intensity to avoid mechanical deformation during working.
4. Base of mechanical arm is a complete one set, inside with wear-resistant macromolecule nylon slide block, to achieve smooth operating.
5. New design automatic working head instead of crowbar and equipped with plastic protective pad to double protect the rim from damage.

### TECHNICAL PARAMETER:

size :	12-24"
Max.wheel diameter:	1180mm
Max.tire width:	3-14"
Working pressure:	8-10bar
Voltage:	380v/220v/110v
Power:	0.75kw/1.1kw
Complete machine packing size:	1250*1050*1760mm
Net weight /Gross weight:	336kg-378kg
Auxiliary hand weight:	60kg

# PRODUCTS

## CAR WHEEL BALANCER



**CT-9903**



**CT-9903H**

# PRODUCTS

## CAR WHEEL BALANCER



**CT-9901**



**CT-9901H**

# PRODUCTS

## CAR WHEEL BALANCER



**CT-9903HZ**



**CT-9901HS**

# PRODUCTS

## CAR WHEEL BALANCER



**CT-9905**



**CT-9906**

# PRODUCTS

## CAR WHEEL BALANCER



**CT-1200**

# CAR WHEEL BALANCER

## FEATURES:

Application range: This product makes fine adjustment for tyres of various light vehicles.

Machine functions;

- 1.It can realize automatic dynamic balance,static balance and aluminum alloy rim balance.
- 2.Adopting pressure sensor, pressure data show high precision.
- 3.The protective cover is optional.

Quality;This product gained Europe CE certification.

## TECHNICAL PARAMETER:

Rim diameter:	12-24"
Max.tire diameter:	1000mm
Tire width:	1.5-16"
Max.tire weight:	70kg
Packing size:	980*660*1000mm
Rotation speed:	200r/min
Balance precision:	+1g
Motor:	110v /220v 250w
Het weight:	82kg
Gross weight:	110kg



# CT-9903

# CAR WHEEL BALANCER



## CT-9903H

### FEATURES:

Application range: This product makes fine adjustment for tyres of various light vehicles.

Machine functions;

- 1.It can realize automatic dynamic balance,static balance and aluminum alloy rim balance.
- 2.Adopting pressure sensor, pressure data show high precision.
- 3.The protective cover is optional.
- 4.Add infrared ray to find point automatically, and paste lead block conveniently and quickly

Quality;This product gained Europe CE certification.

### TECHNICAL PARAMETER:

Rim diameter:	12-24"
Max.tire diameter:	1000mm
Tire width:	1.5-16"
Max.tire weight:	70kg
Packing size:	980*660*1000mm
Rotation speed:	200r/min
Balance precision:	±1g
Motor:	110v /220v 250w
Het weight:	82kg
Gross weight:	110kg

# CAR WHEEL BALANCER



## CT-9903HZ

### FEATURES:

Application range: This product makes fine adjustment for tyres of various light vehicles.

Machine functions;

- 1.It can realize automatic dynamic balance,static balance and aluminum alloy rim balance.
- 2.Adopting pressure sensor, pressure data show high precision.
- 3.Add infrared ray to find point automatically, and paste lead block conveniently and quickly

Quality;This product gained Europe CE certification.

### TECHNICAL PARAMETER:

Rim diameter:	12-24"
Max.tire diameter:	1000mm
Tire width:	1.5-16"
Max.tire weight:	70kg
Packing size:	980*660*1000mm
Rotation speed:	200r/min
Balance precision:	±1g
Motor:	110v /220v 250w
Het weight:	82kg
Gross weight:	110kg

# CAR WHEEL BALANCER



## CT-9901

### FEATURES:

1. With automatic static balance and dynamic balance, ALU program.
2. Equipped with external and internal automatic measuring device, easy to operate and more accurate measurement.
3. With a variety of balancing program, suitable for different wheel structure.
4. HTD program, split to hide weight behind spokes.
5. OPT program, wheel vs rim optimization.
6. Foot brake positioning at unbalanced point, improve the balancing accuracy.
7. With fault diagnosis system to check the working status of key components, easy to detect and solve the problem.

### TECHNICAL PARAMETER:

Rim diameter:	12-24"
Max. tire diameter:	1000mm
Tire width:	1.5-16"
Max. tire weight:	70kg
Packing size:	950*800*1050mm
Rotation speed:	200r/min
Balance precision:	±1g
Motor:	110v /220v 250w
Net weight:	102kg
Gross weight:	123kg

# CAR WHEEL BALANCER



## CT-9901H

### FEATURES:

1. With automatic static balance and dynamic balance, ALU program.
2. Equipped with external and internal automatic measuring device, easy to operate and more accurate measurement.
3. With a variety of balancing program, suitable for different wheel structure.
4. HTD program, split to hide weight behind spokes.
5. OPT program, wheel vs rim optimization.
6. Foot brake positioning at unbalanced point, improve the balancing accuracy.
7. With fault diagnosis system to check the working status of key components, easy to detect and solve the problem.
8. Add infrared ray to find point automatically, and paste lead block conveniently and quickly

### TECHNICAL PARAMETER:

Rim diameter:	12-24"
Max. tire diameter:	1000mm
Tire width:	1.5-16"
Max. tire weight:	70kg
Packing size:	950*800*1050mm
Rotation speed:	200r/min
Balance precision:	±1g
Motor:	110v /220v 250w
Net weight:	102kg
Gross weight:	123kg

# CAR WHEEL BALANCER



## CT-9901HS

### FEATURES:

Application range: This product makes fine adjustment for tyres of various light vehicles.

Machine functions;

- 1.It can realize automatic dynamic balance,static balance and aluminum alloy rim balance.
- 2.Adopting pressure sensor, pressure data show high precision.
- 3.Add infrared automatic point finding, automatic brake, paste lead block convenient and fast.

Quality;This product gained Europe CE certification.

### TECHNICAL PARAMETER:

Rim diameter:	12-24"
Max.tire diameter:	1000mm
Tire width:	1.5-16"
Max.tire weight:	70kg
Packing size:	980*660*1000mm
Rotation speed:	200r/min
Balance precision:	+1g
Motor:	410v /220v 250w
Net weight:	82kg
Gross weight:	110kg



## CT-9905

### FEATURES:

1. With automatic static balance and dynamic balance, ALU program.
2. Equipped with external and internal automatic measuring device, easy to operate and more accurate measurement.
3. With a variety of balancing program, suitable for different wheel structure.
4. HTD program, split to hide weight behind spokes
5. OPT program, wheel vs rim optimization.
6. Foot brake positioning at unbalanced point, improve the balancing accuracy.
7. With fault diagnosis system to check the working status of key components, easy to detect and solve the problem.

### TECHNICAL PARAMETER:

Rim diameter:	12-24"
Max. tire diameter:	1000mm
Tire width:	1.5-16"
Max. tire weight:	70kg
Packing size:	950*800*1050mm
Rotation speed:	200r/min
Balance precision:	±1g
Motor:	110v /220v 250w
Net weight:	102kg
Gross weight:	123kg

# CAR WHEEL BALANCER



## CT-9906

### FEATURES:

1. With automatic static balance and dynamic balance, ALU program.
2. Equipped with external and internal automatic measuring device, easy to operate and more accurate measurement.
3. With a variety of balancing program, suitable for different wheel structure.
4. HTD program, split to hide weight behind spokes
5. OPT program, wheel vs rim optimization.
6. Foot brake positioning at unbalanced point, improve the balancing accuracy.
7. With fault diagnosis system to check the working status of key components, easy to detect and solve the problem.
8. Liquid crystal display makes operation more intuitive and clear.

### TECHNICAL PARAMETER:

Rim diameter:	12-26"
Max. tire diameter:	1200mm
Tire width:	1.5-20"
Max. tire weight:	70kg
Packing size:	950*800*1050mm
Rotation speed:	200r/min
Balance precision:	±1g
Motor:	110v /220v 250w
Net weight:	102kg
Gross weight:	123kg

# CAR WHEEL BALANCER



## CT-1200

### FEATURES:

1. Specially designed spindle, increase the support strength.
2. It can balance both Truck and Car wheel.
3. Equipped with air-operated lift device, make it easier to lift heavy wheel.
4. The bottom of the box is equipped with foot brake, which is convenient to use.
5. Self-calibration and Self-diagnosis function.

### TECHNICAL PARAMETER:

Rim diameter:	12-26"
Max.tire diameter:	1200mm
Tire width:	1.5-20"
Max.tire weight:	150kg
Packing size:	1200*1000*1260mm
Rotation speed:	200r/min
Balance precision:	±10g
Motor:	110v /220v 250w
Het weight:	215kg
Gross weight:	260kg

# ACCESSORIES



**Stainless steel bird head**



**Pneumatic lock**



**Inflatable gun**



**Reverse positive switch**



**Large cylinder assembly**



**Boat**



**Tire press**



**Oil water separator**

# ACCESSORIES



**Shovel jacket**



**Rubber sheet**



**Pour gas**



**Quick release valve**



**Five port valve**



**Air supply pipe**



**Lift valve switch  
assembly**

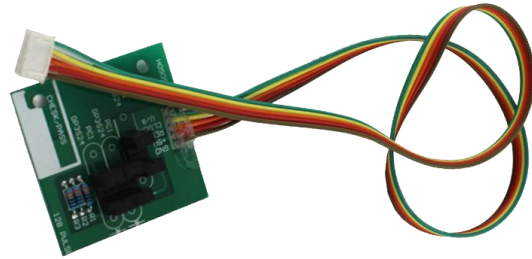


**Cylinder barrel**

# ACCESSORIES



**Balancing machine switch**



**Photoelectric sensor**



**Reverse positioning bowl**



**Mask button switch**



**Computer board**



**Ox head calipers**





**Balance forceps**



**Speed nut**

	24	加长卡爪保护套 Enhanced Length Of Jaws Cover		36	680mm加大方盘 (选配) 680mm Square Plate(optional)
	26	压胎块 Tyre-pressing Block		37	带耐磨滑片大盘 Plate with wear-resisting sheet
	26	压胎轮 Tyre-pressing Wheel		38	塑料撬棍 Plastic Crowbar
	27	钢圈保护套 Rim Protector		39	脚踏阀体总成 Pedal Valve Assembly

	19	<p>鸟头万向节 Working Head Cardan</p>		31	<p>高档设备专用油水分离器01 01top Grade Machine Specialized Oil-water Separator</p>
	20	<p>手动换挡卡爪 Manual Shift Jaws</p>		32	<p>高档设备专用油水分离器02 02top Grade Machine Specialized Oil-water Separator</p>
	21	<p>手动换挡小船 Manual Shift Boats</p>		33	<p>普通标配油水分离器 Common Standard Oil-water</p>
	22	<p>小扒标配卡爪 Standard Jaws</p>		34	<p>标配撬棍 Standard Crowbar</p>

	06	<p>磷化大气缸 Parkerising Spade Cylinder</p>		15	<p>碳钢鸟头 Carbon Steel Working Head</p>
	07	<p>各种规格的小气缸 Various sizes of small cylinders</p>		16	<p>免撬杠拆胎头 Common Working Head</p>
	08	<p>380V大功率电机 380v High-power Motor</p>		17	<p>塑料鸟头 Plastic Working Head</p>
	09	<p>380V双速电机 380v Double Speed Motor</p>		18	<p>白钢鸟头 Stainless Steel Working Head</p>

	01	<p>箱体 Machine Box With Strengthening Steel Plate</p>		10	<p>220V双速电机 220v Double Speed Motor</p>
	02	<p>185mm铝合金大气缸 185mm Aluminium Alloy Spade Cylinder</p>		11	<p>涡轮箱 Gear Box</p>
	03	<p>200mm铝合金大气缸 200mm Aluminium Alloy Spade Cylinder</p>		12	<p>压胎杠 Pressure Bar</p>
	04	<p>单排气大气缸 Single Intake Cylinder</p>		13	<p>压胎辅助器 Tyre-pressing Assistant Device</p>

	06	<p>大平椎体 Truck Balancer Cones</p>		13	<p>万能夹具 Omnipotent Clamp</p>
	05	<p>大平法兰 Truck Balancer Flange</p>		12	<p>摩托车夹具 Motorcycle Clamp</p>
	02	<p>丝杆 Screw Rod</p>		09	<p>小平加大椎体加大法兰 Car Balancer Larger Flange &amp; Cone</p>
	07	<p>小平平衡轴 Car Balancer Shaft</p>		14	<p>小平平衡锥体 Car Balancer Cones</p>

	04	<p>大平卡尺 Truck Balancer Calliper</p>		11	<p>小平快速螺母 Car Balancer Quick Nut</p>
	23	<p>小扒标配小船 Standard Boats</p>		35	<p>梅花顶丝 Plum Blossom Jackscrew</p>
	02	<p>丝杆 Screw Rod</p>		09	<p>小平加大椎体加大法兰 Car Balancer Larger Flange &amp; Cone</p>
	01	<p>卡钳 Calliper</p>		08	<p>反向定位皮碗套装 Reverse Positioning Cup Set</p>



04

# SERVICE



Multilingual foreign trade sales Professional Solutions One by One 365 " 24 hours online service . Fast respond in 8 Hours Trade assurance is US \$ 276000

## Focus on after sales service

Customer service is a big advantage that we possess. We understand equipment is a product that you just sell and forget, instead it requires constant maintenance and service. Only the service can make the business succeed in the long run, not the cheap price, not the fancy look.....



## 365 "24 hours online service

Multilingual foreign trade sales tearProfessional Solutions One by One365 " 24 hours online service .



## Help with pictures and videos

When there is a technical question, we will answer it in a timely manner with detailed information, we not only use words to explain, but we also like to provide photos and videos to help you understand better, so you can provide support and solutions to end user.

## Maintenance video, installation instructions, spare parts breakdown

Thanks to our experience and know-how, we have FAQ's & Troubleshooting with the most relevant problems and best solutions. We have technical documents, such as user manuals, service videos, installation instructions spare parts exploded views.





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