

AUTOCRAFT

**Catalog Of
Tyre Maintenance
Equipment
2024**



Autocraft Technology Co., Ltd.

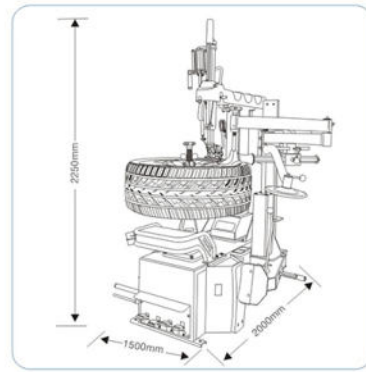
Address: Building 5, Zhengzhong Industrial Park,
Xintang Road, Fuyong Street, Baoan District, Shenzhen, China
Mobile: +86 199 25478757
Email: justin@autocraftek.com
Website: www.autocraftek.com



ATC880S

Automatic Tire Changer Without Turntable & Crowbar

- ⊙ Wheel lift
- ⊙ Automatic mounting head
- ⊙ Center locking rod assembly
- ⊙ Adjustable table assembly
- ⊙ Manual pneumatic tyre shovel
- ⊙ Hexagonal rod lifting air control handle



KEY FEATURES

1. Powerful and reversible mounting head replace the traditional crowbar, which could completely protect tyre lip and rim and make mounting and dismounting convenient and fast.
2. Suitable for all kinds of tyres including low profile tyre and flat free tyre. The max. size of tyre can be up to 26 inch.
3. Enlarged alloy reducer and full automatic no rail center position lock device make operation easy.
4. For 380V, double motor is installed to improve the efficiency of mounting and demounting tyre.
5. Anti-rust Aluminous material is used for big cylinder, which lasts machine's lifetime.
6. Adopt 40A pure silver point reverse switch, which makes motor work more stable.

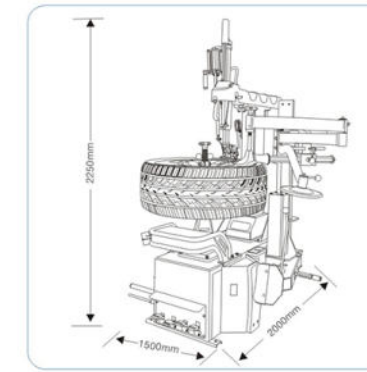
TECHNICAL SPECIFICATIONS

Power supply: AC 110V/220V/380V/50~60Hz	Operating pressure: 8~10bar
Motor Power: 1.1KW	Noise: <70db
Rim diameter: 12"~26"/305~660mm	Net weight: 395kg
Max. wheel diameter: 42"/1080mm	Gross weight: 461kg
Max. wheel width: 16"/410mm	

ATC860S

Automatic Tire Changer Without Crowbar

- ⊙ Without crowbar
- ⊙ Automatic mounting head
- ⊙ Manual pneumatic tyre shovel
- ⊙ Hexagonal rod lifting air control handle



KEY FEATURES

1. Professional and dual user friendly design assistant arms provides efficient services for demounting low profile tyre and PAX, max tyre size up to 26".
2. Professional designed special alloy mounting head and clamp which provide lifetime free services.
3. Automatic mounting head (No tyre lever required).
4. Aluminum material is adopted in big cylinder which avoids rust to guarantee longer life.
5. For 380V, double motor is installed to improve the efficiency of mounting and demounting tyre.
6. Adopt 40A pure silver point reverse switch, which makes motor work more stable.

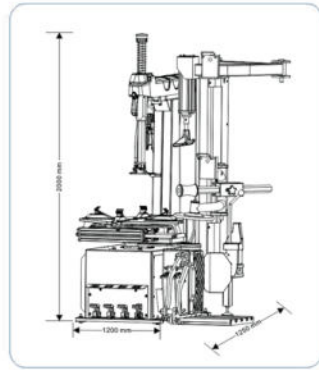
TECHNICAL SPECIFICATIONS

Power supply: AC 110V/220V/380V/50~60Hz	Operating pressure: 8~10bar
Motor Power: 1.1KW	Noise: <70db
Rim diameter: 11"~26"/280~660mm	Net weight: 368kg
Max. wheel diameter: 43"/1100mm	Gross weight: 418kg
Max. wheel width: 16"/410mm	

ATC851S

Automatic Tire Changer

- ⊙ Wheel lift
- ⊙ Tyre pneumatic lifting system
- ⊙ Manual pneumatic tyre shovel



KEY FEATURES

1. Automatic adjustment and double locking device ensure reasonable gap between mounting head and rim.
2. Maximum mounting and dismounting size is up to 24 inches. Assistant arm provides faster service while mounting and dismounting low profile tyres and run-proof tyres.
3. The professionally designed hand-controlled pneumatic tyre shovel changes traditional operation method and provides convenient service.
4. Pneumatic tyre lifting system makes it more time-saving, labor-saving and convenient for mounting and dismounting heavy-duty tyres.
5. Professionally designed mounting head is made of special alloys, providing life-time free services.

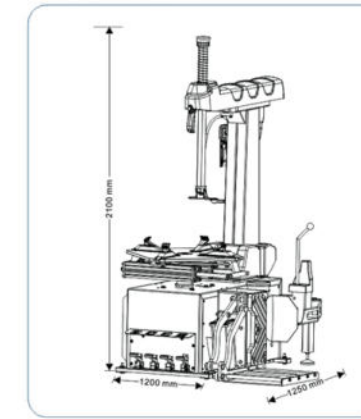
TECHNICAL SPECIFICATIONS

Power supply: AC 110V/220V/380V/50~60Hz	Operating pressure: 8~10bar
Motor Power: 1.1KW	Noise: <70db
Rim diameter: 11"~24"/280~610mm	Net weight: 408kg
Max. wheel diameter: 40"/1000mm	Gross weight: 468kg
Max. wheel width: 16"/410mm	

ATC850S

Automatic Tire Changer Without Assistant Arm

- ⊙ Wheel lift
- ⊙ Tyre pneumatic lifting system
- ⊙ Manual pneumatic tyre shovel



KEY FEATURES

1. Automatic adjustment and double locking device ensure reasonable gap between mounting head and rim.
2. Professionally designed hand-controlled pneumatic tyre shovel changes the traditional operation method and provides convenient service.
3. Tyre pneumatic lifting system makes it more time-saving, labor-saving and convenient for mounting and dismounting heavy-duty tyres.
4. Reserved mounting holes for assistant hand and be prepared to upgrade and install assistant hand in future.
5. Professionally designed mounting head is made of special alloys, providing life-time free services.

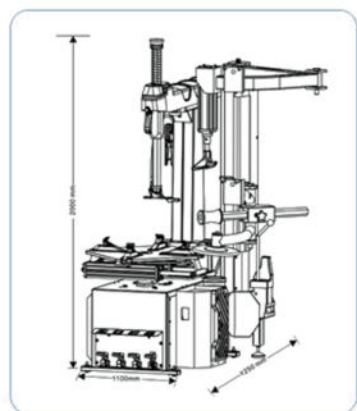
TECHNICAL SPECIFICATIONS

Power supply: AC 110V/220V/380V/50~60Hz	Operating pressure: 8~10bar
Motor Power: 1.1KW	Noise: <70db
Rim diameter: 11"~24"/280~610mm	Net weight: 313kg
Max. wheel diameter: 43"/1100mm	Gross weight: 339kg
Max. wheel width: 16"/410mm	

ATC851

Automatic Tire Changer

- ⊙ Assistant Arm
- ⊙ Automatic model
- ⊙ Manual pneumatic tyre shovel



KEY FEATURES

1. Automatic adjustment and double locking device ensure reasonable gap between mounting head and rim.
2. Maximum mounting and dismounting size is up to 24 inches. Assistant arm provides faster service while mounting and dismounting low profile tyres and run-proof tyres.
3. The professionally designed hand-controlled pneumatic tyre shovel changes traditional operation method and provides convenient service.
4. Professionally designed mounting head is made of special alloys, providing life-time free services.

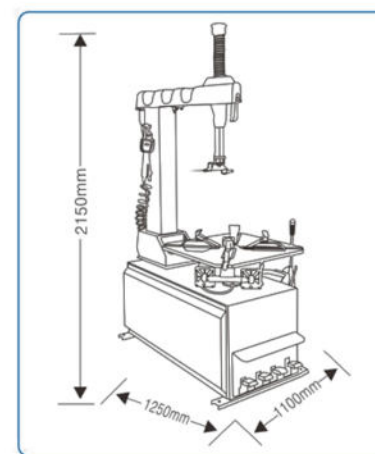
TECHNICAL SPECIFICATIONS

Power supply: AC 110V/220V/380V/50~60Hz	Operating pressure: 8~10bar
Motor Power: 1.1KW	Noise: <70db
Rim diameter: 11"~24"/280~610mm	Net weight: 385kg
Max. wheel diameter: 40"/1000mm	Gross weight: 445kg
Max. wheel width: 16"/410mm	

ATC850

Tire Changer Without Assistant Arm

- ⊙ Without assistant arm
- ⊙ Tilting model
- ⊙ Manual pneumatic tyre shovel



KEY FEATURES

1. Automatic adjustment and double locking device ensure reasonable gap between mounting head and rim.
2. Professionally designed hand-controlled pneumatic tyre shovel changes the traditional operation method and provides convenient service.
3. Reserved mounting holes for assistant hand and be prepared to upgrade and install assistant hand in future.
4. Professionally designed mounting head is made of special alloys, providing life-time free services.
5. Tilting column

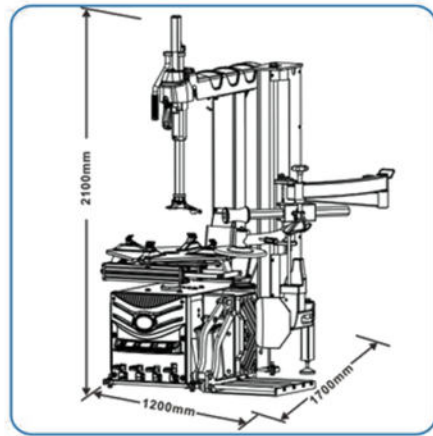
TECHNICAL SPECIFICATIONS

Power supply: AC 110V/220V/380V/50~60Hz	Operating pressure: 8~10bar
Motor Power: 1.1KW	Noise: <70db
Rim diameter: 11"~24"/280~610mm	Net weight: 290kg
Max. wheel diameter: 43"/1100mm	Gross weight: 315kg
Max. wheel width: 16"/410mm	

ATC831S

Automatic Tire Changer With Assistant Arm

- ⊙ Assistant arm
- ⊙ Wheel auto lift
- ⊙ Wheel labour saving sliding plate
- ⊙ Manual pneumatic tyre shovel



KEY FEATURES

1. Maximum mounting and dismounting size is up to 24 inches. Assistant arm provides faster service while mounting and dismounting low profile tyres and run-proof tyres.
2. The professionally designed hand-controlled pneumatic tyre shovel changes traditional operation method and provides convenient service.
3. With tyre pneumatic lifting system, it becomes more time-saving, labor-saving and convenient for moving, mounting and dismounting heavy duty tyres.
4. Professionally designed mounting head is made of special alloys, providing life-time free services.

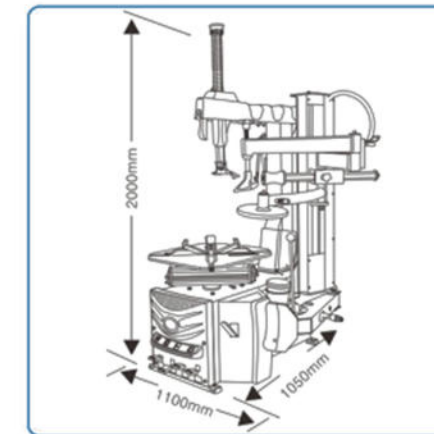
TECHNICAL SPECIFICATIONS

Power supply: AC 110V/220V/380V/50~60Hz	Operating pressure: 8~10bar
Motor Power: 1.1KW	Noise: <70db
Rim diameter: 11"~24"/280~610mm	Net weight: 349kg
Max. wheel diameter: 36"/930mm	Gross weight: 388kg
Max. wheel width: 16"/410mm	

ATC831

Tire Changer With Assistant Arm

- ⊙ Assistant arm
- ⊙ Tilting column
- ⊙ Manual pneumatic tyre shovel



KEY FEATURES

1. The overall machine is wider, thicker and shorter, which makes the whole center of gravity shift down and lead to the operation easy and convenient.
2. Max. mounting and dismounting tyre size is up to 24 inches. Assistant arm provides much faster service for mounting and dismounting low profile tyre and run-proof tyre.
3. Big Aluminum cylinder prevents rust and ensure to last longer lifetime.
4. Professionally designed mounting head is made of special alloys, providing life-time free services.
5. Tilting column

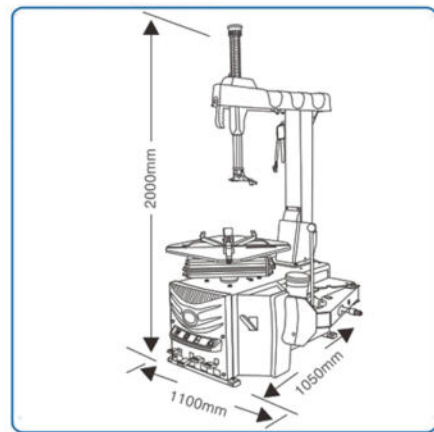
TECHNICAL SPECIFICATIONS

Power supply: AC 110V/220V/380V/50~60Hz	Operating pressure: 8~10bar
Motor Power: 1.1KW	Noise: <70db
Rim diameter: 11"~24"/280~610mm	Net weight: 317kg
Max. wheel diameter: 36"/930mm	Gross weight: 350kg
Max. wheel width: 16"/410mm	

ATC830

Tyre Changer With Tilting Column

- ⊙ Semi-automatic
- ⊙ Tilting column
- ⊙ Strong pneumatic bead breaker
- ⊙ Plastic mounting/dismounting head



KEY FEATURES

1. The overall machine is wider, thicker and shorter, which makes the whole center of gravity shift down and lead to the operation easy and convenient.
2. Reserved mounting holes for assistant hand and be prepared to upgrade and install assistant hand in future.
3. Assistant arm is optional, economical and easy to operate.
4. Professionally designed mounting head is made of special alloys, providing life-time free services.

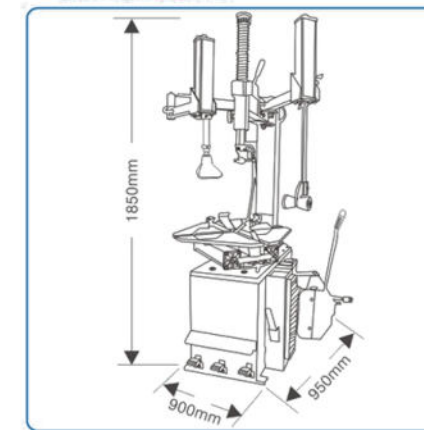
TECHNICAL SPECIFICATIONS

Power supply: AC 110V/220V/380V/50~60Hz	Operating pressure:	8~10bar
Motor Power: 1.1KW	Noise:	<70db
Rim diameter: 11"~24"/280~610mm	Net weight:	235kg
Max. wheel diameter: 39"/1000mm	Gross weight:	257kg
Max. wheel width: 16"/410mm		

ATC812S

Tire Changer

- ⊙ Swing arm
- ⊙ Dual cylinders design
- ⊙ Inflation pedal



KEY FEATURES

1. Equipped with dual cylinders type assistant arm system, which makes operation quicker and saves time while mounting/dismounting tyres with a larger width and aspect ratio.
2. Big aluminum cylinder prevents rust and ensure longer service life.
3. Professionally designed mounting head is made of special alloys, providing life-time free services.
4. Equipped with tyre inflation pedal on the side position.
5. Swing column

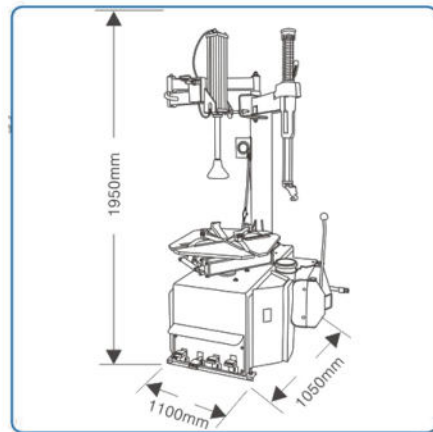
TECHNICAL SPECIFICATIONS

Power supply: AC 110V/220V/380V/50~60Hz	Operating pressure:	8~10bar
Motor Power: 1.1KW	Noise:	<70db
Rim diameter: 11"~23"/280~585mm	Net weight:	229kg
Max. wheel diameter: 38"/980mm	Gross weight:	250kg
Max. wheel width: 11"/280mm		

ATC822

Tyre Changer With Tilting Column

- ⊙ Semi-automatic
- ⊙ Swing column
- ⊙ Strong pneumatic bead breaker
- ⊙ Plastic mounting/dismounting head



KEY FEATURES

1. The overall machine is wider, thicker and shorter, which makes the whole center of gravity shift down and lead to the operation easy and convenient.
2. Reserved mounting holes for assistant hand and be prepared to upgrade and install assistant hand in future.
3. Assistant arm is optional, economical and easy to operate.
4. Professionally designed mounting head is made of special alloys, providing life-time free services.

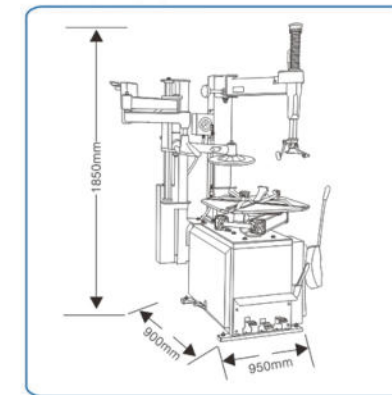
TECHNICAL SPECIFICATIONS

Power supply: AC 110V/220V/380V/50~60Hz	Operating pressure: 8~10bar
Motor Power: 1.1KW	Noise: <70db
Rim diameter: 11"~24"/280~610mm	Net weight: 235kg
Max. wheel diameter: 39"/1000mm	Gross weight: 257kg
Max. wheel width: 16"/410mm	

ATC811

Tire Changer

- ⊙ Swing arm
- ⊙ Big aluminum cylinder
- ⊙ Inflation pedal
- ⊙ Auxiliary arm



KEY FEATURES

1. Equipped with auxiliary arm, which is very helpful to mount and dismount ultra profile, sport car and run-flat tyre.
2. Aluminum big cylinder is installed to prevent rust and ensure service lifetime.
3. Inflation pedal
4. Swing column
5. Lifetime warranty for special alloy mounting head

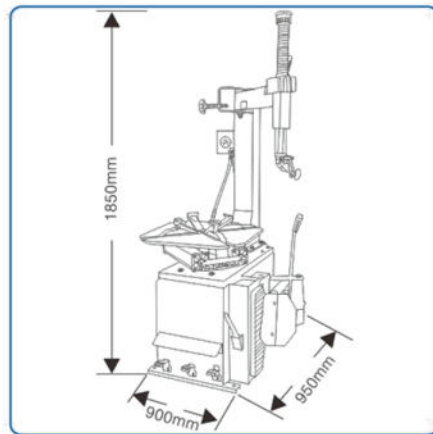
TECHNICAL SPECIFICATIONS

Power supply: AC 110V/220V/380V/50~60Hz	Operating pressure: 8~10bar
Motor Power: 1.1KW	Noise: <70db
Rim diameter: 11"~23"/280~585mm	Net weight: 244kg
Max. wheel diameter: 38"/980mm	Gross weight: 266kg
Max. wheel width: 11"/280mm	

ATC810

Tyre Changer With Swing Arm

- ⊙ Semi-automatic
- ⊙ Swing Arm
- ⊙ Bead pressing roller
- ⊙ Inflation pedal



KEY FEATURES

1. The mounting head is equipped with tyre pressure auxiliary wheels, which makes operation easy and quick.
2. Big aluminum cylinder is adopted to prevent rust and last longer service life.
3. Professionally designed mounting head is made of special alloys, providing life-time free services.
4. Equipped with tyre inflation pedal on the side position.
5. Bead pressing roller is used to protect rim.

TECHNICAL SPECIFICATIONS

Power supply:	AC 110V/220V/380V/50~60Hz	Operating pressure:	8~10bar
Motor Power:	1.1KW	Noise:	<70db
Rim diameter:	11"~23"/280~585mm	Net weight:	196kg
Max. wheel diameter:	38"/980mm	Gross weight:	218kg
Max. wheel width:	11"/280mm		

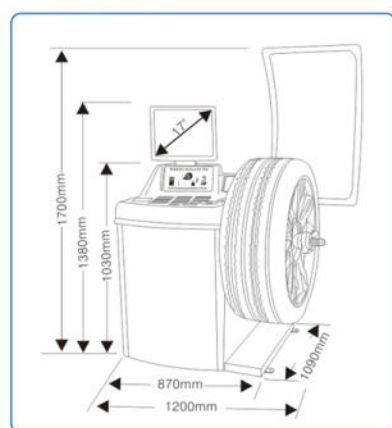
TYRE CHANGER ACCESSORIES

Mounting Head	Clamp	Crowbar	Rubber Wheel Support	Mounting Head	Filter+Regulator+Lubricator
Pedal System	Complete Gear Box	Complete Gear Box	Rim Protector	Reverse Switch	Pneumatic Handle
Small Cylinder	Cylinder Lock	Mounting Head Plastic Protector	Pedal Plastic Protector	Rapid Coupler	Plastic Rim Protection Package
Pedal Parts	Tyre Assistant Parts	Bead Lifting Disk	Bead Pressing Device	Motorcycle Adaptor	Motorcycle Adaptor
Hand Controlling Valve	Pneumatic Shift Valve	Bead Breaker Shovel Plastic Protector	Bead Pressing Roller	Big Cylinder	Plastic Crowbar
Dial Tyre Pressure Gauge	Roller	Centre Cone & Cover	Mounting Head Washer	Tyre Pressure Head	Charging Hose
Center Locking Shaft Assembly	Center Locking Shaft	Quick Lock Nut			

AWB980

Fully Automatic Wheel Balancer

- ⊙ LCD screen
- ⊙ Fully automatic
- ⊙ Self calibration
- ⊙ Electrical components self-check



Optional

KEY FEATURES

1. It is designed for bigger and heavier tyres.
2. Five kinds of aluminum alloy wheel rim selection model and static equilibrium mode.
3. Adopt high strength case to ensure the stability of measuring precision.
4. Equipped with functions of hidden and decomposed balancing weight.
5. Auto measuring function of rim diameter and distance.
6. It remedy the defect of inaccuracy of most of heavy duty balancer in current market.
7. LCD monitor is equipped with 3D animation interface.
8. Tyre lift is optional, which is used to load and unload tyre to balance machine.

TECHNICAL SPECIFICATIONS

Power supply:	AC 110V/220V 50~60Hz	Balancing speed:	215r.p.m
Motor Power:	0.25KW	Balancing period:	8s
Rim diameter:	10"~26"/254~660mm	Balancing precision	±1g
Max. wheel diameter:	39"/1000mm	Noise:	<70db
Max. wheel width:	20"/508mm	Net weight:	157kg
Max. wheel weight:	100kg	Gross weight:	193kg

AWB970

Fully Automatic Wheel Balancer

- ⊙ LCD screen
- ⊙ Fully automatic
- ⊙ 13 balancing modes
- ⊙ Self diagnosis & calibration



KEY FEATURES

1. It is suitable for car, light commercial vehicle wheels.
2. Automatic start/stop.
3. Gram/ounce selection and millimeter/inch selection.
4. Self diagnosis and calibration.
5. Multi-modes selection including dynamic, static, ALU1, ALU2, ALU3, ALU4, ALU5, split & hide, APS, etc.
6. Full display for a.b.d reading.
7. Fold-down LCD screen.

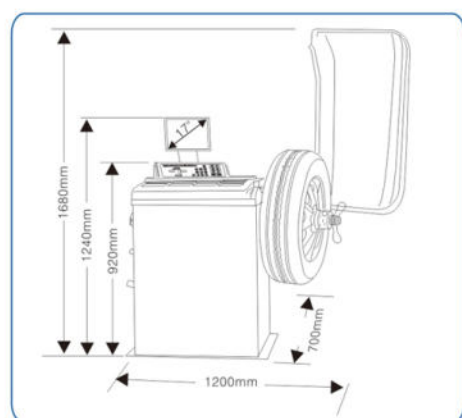
TECHNICAL SPECIFICATIONS

Power supply:	AC 110V/220V 50~60Hz	Balancing speed:	195r.p.m
Motor Power:	0.32KW	Balancing period:	8s
Rim diameter:	10"~30"/254~762mm	Balancing precision	±1g
Max. wheel diameter:	39"/1000mm	Noise:	<70db
Max. wheel width:	20"/508mm	Net weight:	120kg
Max. wheel weight:	80kg	Gross weight:	150kg

AWB960

Fully Automatic Wheel Balancer

- ⊙ LCD screen
- ⊙ Fully automatic
- ⊙ Self calibration
- ⊙ Electrical components self-check



KEY FEATURES

1. Five aluminum alloy rim program and static program.
2. Automatic distance and wheel diameter measuring
3. It is equipped with standard protection cover which has been set up properly.
4. Self-calibration and self-diagnosis functions
5. Equipped with 20" LCD monitor, 3D animation display, automatic reminder, with simple and clear interfae, easy to understand, simple and convenient to use.

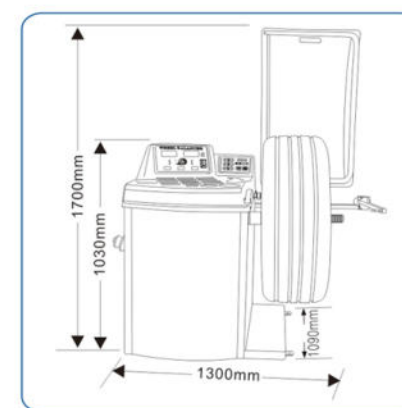
TECHNICAL SPECIFICATIONS

Power supply:	AC 110V/220V 50~60Hz	Balancing speed:	215r.p.m
Motor Power:	0.25KW	Balancing period:	8s
Rim diameter:	10"~24"/254~610mm	Balancing precision	±1g
Max. wheel diameter:	38"/960mm	Noise:	<70db
Max. wheel width:	20"/508mm	Net weight:	106kg
Max. wheel weight:	70kg	Gross weight:	126kg

AWB950S

Fully Automatic Wheel Balancer

- ⊙ Fully automatic
- ⊙ Solenoid brake
- ⊙ Infrared positioning
- ⊙ Three data automatic measuring



KEY FEATURES

1. High precision measurement and accurate repeated measurement accuracy
2. Designed for large tyres (≤26") with high accuracy
3. LED display, measured data could be displayed clearly regardless of brightness of light.
3. Equipped with automatic brake lock and infrared positioning function
4. Electromagnetic function is equipped, locking the spindle automatically after finding the unbalanced points.
5. Automatically measure rim diameter, distance and width
6. Protective cover is instaled, which could be lowered down to start and lifted up to brake.

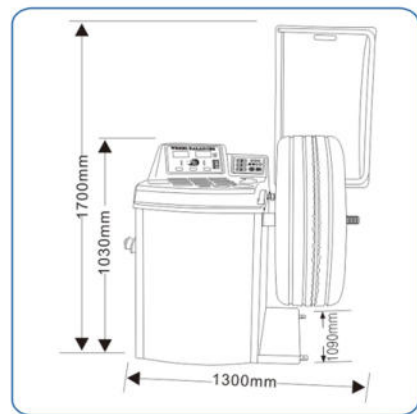
TECHNICAL SPECIFICATIONS

Power supply:	AC 110V/220V 50~60Hz	Balancing speed:	215r.p.m
Motor Power:	0.25KW	Balancing period:	8s
Rim diameter:	10"~26"/254~660mm	Balancing precision	±1g
Max. wheel diameter:	39"/1000mm	Noise:	<70db
Max. wheel width:	20"/508mm	Net weight:	103kg
Max. wheel weight:	100kg	Gross weight:	132kg

AWB950D

Automatic Wheel Balancer

- ⊙ Automatically measure diameter, distance and width
- ⊙ Solenoid brake
- ⊙ LED digital display



KEY FEATURES

1. High precision measurement and repeated measurement
2. LED display, measured data could be displayed clearly regardless of brightness of light.
3. Equipped with automatic brake lock and infrared positioning function
4. Electromagnetic function is equipped, locating unbalancing points and locking the principal axis automatically.
5. Automatically measure rim diameter, distance and width
6. Protective cover is installed, which could be lowered down to start and lifted up to brake.

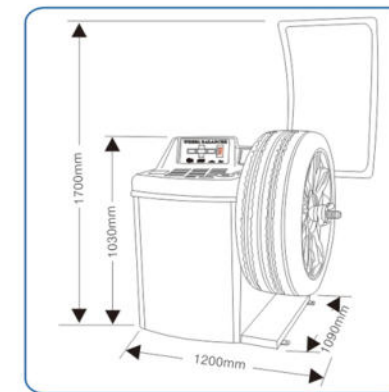
TECHNICAL SPECIFICATIONS

Power supply:	AC 110V/220V 50~60Hz	Balancing speed:	215r.p.m
Motor Power:	0.25KW	Balancing period:	8s
Rim diameter:	10"~26"/254~660mm	Balancing precision	±1g
Max. wheel diameter:	39"/1000mm	Noise:	<70db
Max. wheel width:	20"/508mm	Net weight:	99kg
Max. wheel weight:	100kg	Gross weight:	130kg

AWB950

Wheel Balancer

- ⊙ Automatic
- ⊙ a&d automatic measuring



KEY FEATURES

1. High measurement and repeated testing accuracy.
2. High quality φ40 main shaft ensures accuracy and could be used to test large tires (≤26")
3. LED display. measurement data could be displayed clearly.
4. Self calibration and self diagnosis functions.
5. Protective cover is equipped, which could be lowered down to start, and lifted to brake. Or operation by buttons directly is available.

TECHNICAL SPECIFICATIONS

Power supply:	AC 110V/220V 50~60Hz	Balancing speed:	215r.p.m
Motor Power:	0.25KW	Balancing period:	8s
Rim diameter:	10"~26"/254~660mm	Balancing precision	±1g
Max. wheel diameter:	39"/1000mm	Noise:	<70db
Max. wheel width:	20"/508mm	Net weight:	113kg
Max. wheel weight:	100kg	Gross weight:	128kg

AWB910

Fully Automatic Wheel Balancer

- ⊙ Automatic start/stop
- ⊙ ALU1/ALU2/ALU3 functions for light alloy wheels
- ⊙ Full display for a.b.d reading



KEY FEATURES

1. Suitable for car, light commercial vehicle wheels
2. Automatic start/stop
3. Gram/ounce selection and millimeter/inch selection
4. Self diagnosis and calibration
5. ALU1/ALU2/ALU3 functions for light alloy wheels
6. Full display for a.b.d reading

TECHNICAL SPECIFICATIONS

Power supply:	AC 110V/220V 50~60Hz	Balancing speed:	195r.p.m
Motor Power:	0.25KW	Balancing period:	8s
Rim diameter:	10"~24"/254~610mm	Balancing precision	±1g
Max. wheel diameter:	39"/1000mm	Noise:	<70db
Max. wheel width:	20"/508mm	Net weight:	100kg
Max. wheel weight:	70kg	Gross weight:	130kg

WHEEL BALANCER ACCESSORIES



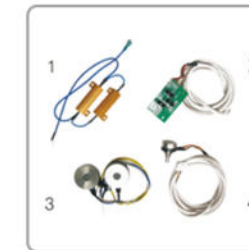
Set of cones



Quick lock nut



Counter plier



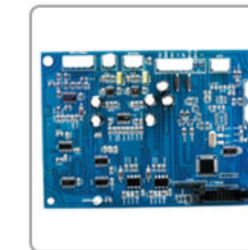
Electronic parts



Stretching tape



Display board



Computer board



4-hole adaptor



Motorcycle adaptor



Power board



Centering shaft set



Large centering cone



Universal flange



Universal flange