

**CAVALRY**



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Tire Service Products

Version 2023.04

Basic line

入门系列



Pro line

专业系列



Expert line

专家系列

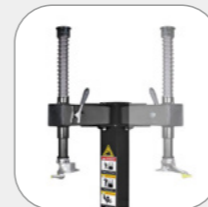


**CAV 1022 Basic line**  
Semi-automatic with swing arm  
半自动摆臂拆胎机

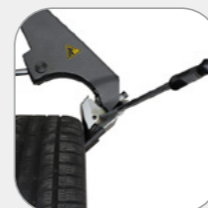
Features 产品特点



22" clamping range  
22寸工作盘



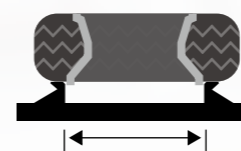
Swing arm design  
半自动摆臂设计



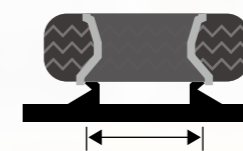
Strong tyre press  
铲胎轻松省力



Specifications 技术参数



10"-20"  
External clamping  
外夹轮毂



12"-22"  
Internal clamping  
内撑轮毂



≤ 1000mm (39")  
Max. wheel diameter  
轮胎最大轮径



≤ 330mm (13")  
Max. wheel width  
轮胎最大宽度

Model 型号	CAV 1022
Bead breaker force 靠胎铲力	2500kg
Power supply 电源电压	110v/220v/380v
Motor power 电机功率	0.75kW/1.1kW
Air supply 工作气压	8-10 bar
Noise level 噪音	<70dB

# CAV 1024 Basic line

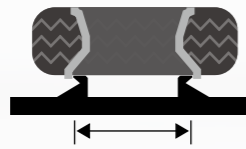
Semi-automatic with swing arm  
半自动摆臂拆胎机



## Specifications 技术参数



10"-22"  
External clamping  
外夹轮毂



12"-24"  
Internal clamping  
内撑轮毂



≤ 1040mm (41")  
Max. wheel diameter  
轮胎最大轮径



≤ 330mm (13")  
Max. wheel width  
轮胎最大宽度

Model 型号	CAV 1024
Bead breaker force 靠胎铲力	2500kg
Power supply 电源电压	110v/220v/380v
Motor power 电机功率	0.55kW/0.75kW/1.1kW
Air supply 工作气压	8-10 bar
Noise level 噪音	<70dB

## Optional assist arm 辅助臂升级方案



CAV 1024



CAV 1024+L1



CAV 1024+R1



CAV 1024+L1+R1



CAV 1024+L3

## Features 特点



24" clamping range  
24寸工作盘



Mounting head  
拆胎鸟头



Strong tyre press  
铲胎轻松省力

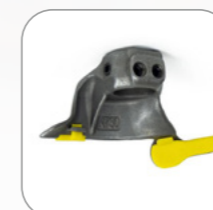


Swing arm design  
半自动摆臂设计

### OPTIONAL 选配



Motorcycle clamp  
adapters  
摩托车夹具



Motorcycle  
mounting head  
摩托车鸟头

# CAV CB-580 Basic line

## WHEEL BALANCER

轮胎平衡机

### Features 产品特点



Manual measuring of distance and wheel diameter  
手动测量和输入轮辋的距离和直径



Digital Display  
数码管显示  
Providing self-diagnosis and self-calibration  
提供自我校准和诊断功能



Quick release nut  $\Phi=36\text{mm}$   
标配快速螺母直径 36mm



# CAV CB-520 Basic line

## WHEEL BALANCER

轮胎平衡机

### Features 产品特点



Manual measuring of distance and wheel diameter  
手动测量和输入轮辋的距离和直径



Digital Display  
数码管显示  
Providing self-diagnosis and self-calibration  
提供自我校准和诊断功能



Quick release nut  $\Phi=36\text{mm}$   
标配快速螺母直径 36mm



### Specifications 技术参数



6 Balancing modes  
6 种平衡模式



Opt function  
平衡优化功能



Max. wheel weight  
最大轮胎重量

65kg  
(143 lbs)



Rim width  
Rim diameter  
轮辋宽度与直径

1.5"-16"

10"-24"

Model 型号	CAV CB-580
Power supply 电源电压	110v/220v/380v
Motor power 电机功率	0.25kW/0.37kW
Balancing speed 平衡速度	200 r.p.m
Balancing accuracy 平衡精度	$\pm 1\text{g}$ ( $\pm 0.04\text{ oz}$ )
Measuring time 测量用时	8s
Noise level 噪音	<70dB

### Specifications 技术参数



6 Balancing modes  
6 种平衡模式



Opt function  
平衡优化功能



Max. wheel weight  
最大轮胎重量

65kg  
(143 lbs)



Rim width  
Rim diameter  
轮辋宽度与直径

1.5"-16"

10"-24"

Model 型号	CAV CB-520
Power supply 电源电压	110v/220v/380v
Motor power 电机功率	0.25kW/0.37kW
Balancing speed 平衡速度	200 r.p.m
Balancing accuracy 平衡精度	$\pm 1\text{g}$ ( $\pm 0.04\text{ oz}$ )
Measuring time 测量用时	8s
Noise level 噪音	<70dB

# CAV 1024S Pro line

Semi-automatic with tilting column

半自动后仰拆胎机



## Optional assist arm 辅助臂升级方案

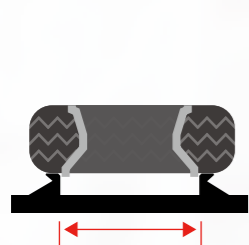


Monster Assist Arm  
(Left side)  
辅助臂 (左)

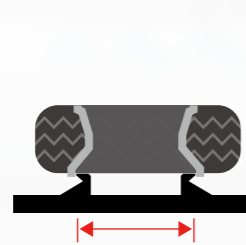


Monster Assist Arm  
(Right side)  
辅助臂 (右)

## Specifications 技术参数



10"-22"  
External clamping  
外夹轮毂



12"-24"  
Internal clamping  
内撑轮毂



≤ 1040mm (41")  
Max. wheel diameter  
轮胎最大轮径



≤ 330mm (13")  
Max. wheel width  
轮胎最大宽度

Model 型号	CAV 1024S
Bead breaker force 靠胎铲力	2500kg
Power supply 电源电压	110v/220v/380v
Motor power 电机功率	0.75kW/1.1kW
Air supply 工作气压	8-10 bar
Noise level 噪音	<70dB

## Features 特点



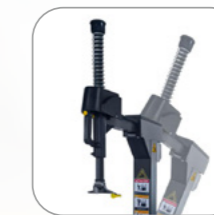
24" clamping range  
24 寸工作盘



Mounting head  
拆胎鸟头



Strong tyre press  
铲胎轻松省力

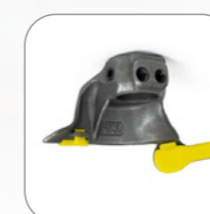


Tilting column design  
后仰倒臂设计

### OPTIONAL 选配



Motorcycle clamp  
adapters  
摩托车夹具



Motorcycle  
mounting head  
摩托车鸟头



Leverless  
mounting head  
自动翻转鸟头



Quick air booster  
快速爆充

# CAV 1024 Monster Pro line

Semi-automatic with tilting column

半自动后仰拆胎机



## Assist arm 辅助臂

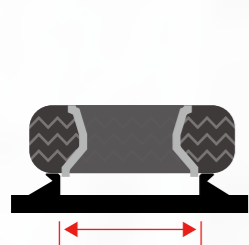
Pneumatic roller disc for heavy tyres lifting  
气动托胎盘提供省力托胎功能

Quick clamping with central positioning function  
中心定位功能快速将轮胎固定在卡爪上

Bead roller protects rim from the damage and makes tyre changing easier  
辅助压胎滚轮保护轮毂不受伤害并使拆装轮胎更轻松

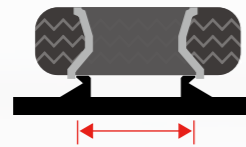


## Specifications 技术参数



10"-22"

External clamping  
外夹轮毂



12"-24"

Internal clamping  
内撑轮毂



≤ 1040mm (41")

Max. wheel diameter  
轮胎最大轮径



≤ 330mm (13")

Max. wheel width  
轮胎最大宽度

Model 型号	CAV 1024 Monster
Bead breaker force 靠胎铲力	2500kg
Power supply 电源电压	110v/220v/380v
Motor power 电机功率	0.75kW/1.1kW
Air supply 工作气压	8-10 bar
Noise level 噪音	<70dB

## Features 特点



24" clamping range  
24寸工作盘



Mounting head  
拆胎鸟头



Strong tyre press  
铲胎轻松省力

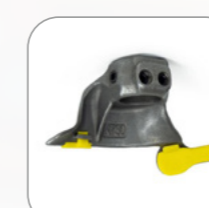


Tilting column design  
后仰倒臂设计

### OPTIONAL 选配



Motorcycle clamp adapters  
摩托车夹具



Motorcycle mounting head  
摩托车鸟头



Leverless mounting head  
自动翻转鸟头



Quick air booster  
快速爆充

# CAV 1226S Pro Line

Semi-automatic with tilting column  
半自动摆臂拆胎机



## Optional assist arm 辅助臂升级方案



Monster Assist Arm  
(Left side)  
辅助臂 (左)



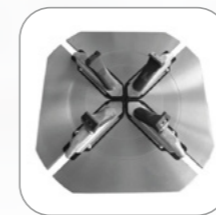
Monster Assist Arm  
(Right side)  
辅助臂 (右)

## Specifications 技术参数



Model 型号	CAV 1226S
Bead breaker force 靠胎铲力	2500kg
Power supply 电源电压	110v/220v/380v
Motor power 电机功率	0.55kW/0.75kW/1.1kW
Air supply 工作气压	8-10 bar
Noise level 噪音	<70dB

## Features 特点



26" clamping range  
26 寸工作盘



Mounting head  
拆胎鸟头



Strong tyre press  
铲胎轻松省力

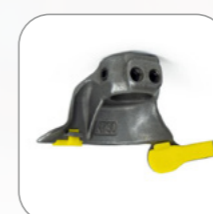


Tilting column design  
后仰倒臂设计

### OPTIONAL 选配



Motorcycle clamp  
adapters  
摩托车夹具



Motorcycle  
mounting head  
摩托车鸟头



Leverless  
mounting head  
自动翻转鸟头



Quick air booster  
快速爆充

# CAV 1226 Monster Pro Line

Semi-automatic with tilting column

半自动后仰拆胎机



## Assist arm 辅助臂

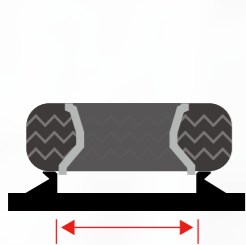
Pneumatic roller disc for heavy tyres lifting  
气动托胎盘提供省力托胎功能

Quick clamping with central positioning function  
中心定位功能快速将轮胎固定在卡爪上

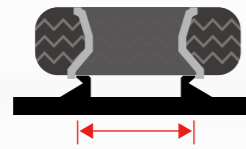
Bead roller protects rim from the damage and makes tyre changing easier  
辅助压胎滚轮保护轮毂不受伤害并使拆装轮胎更轻松



## Specifications 技术参数



12"-24"  
External clamping  
外夹轮毂



14"-26"  
Internal clamping  
内撑轮毂



≤ 1040mm (41")  
Max. wheel diameter  
轮胎最大轮径



≤ 330mm (13")  
Max. wheel width  
轮胎最大宽度

Model 型号	CAV 1226 Monster
Bead breaker force 靠胎铲力	2500kg
Power supply 电源电压	110v/220v/380v
Motor power 电机功率	0.75kW/1.1kW
Air supply 工作气压	8-10 bar
Noise level 噪音	<70dB

## Features 特点



26" clamping range  
26寸工作盘



Mounting head  
拆胎鸟头



Strong tyre press  
铲胎轻松省力

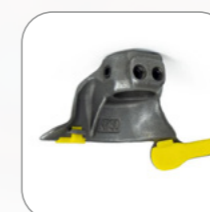


Tilting column design  
后仰倒臂设计

### OPTIONAL 选配



Motorcycle clamp adapters  
摩托车夹具



Motorcycle mounting head  
摩托车鸟头



Leverless mounting head  
自动翻转鸟头



Quick air booster  
快速爆充



# CAV 1328 Monster Pro Line

Semi-automatic with double assist arms

半自动双辅助臂拆胎机



## Double assist arms

配置双辅助臂



## Specifications 技术参数



13"-24"

External clamping  
外夹轮毂

15"-28"

Internal clamping  
内撑轮毂

≤ 1200mm

Max. wheel diameter  
轮胎最大轮径

≤ 410mm

Max. wheel width  
轮胎最大宽度

Model 型号	CAV 1328 Monster
Bead breaker force 靠胎铲力	2500kg
Power supply 电源电压	110v/220v/380v
Motor power 电机功率	0.55kW/0.75kW/1.1kW
Air supply 工作气压	8-10 bar
Noise level 噪音	<70dB

## Features 特点



26" clamping range  
26寸工作盘



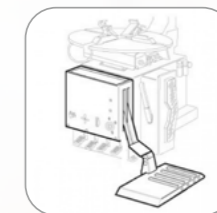
Mounting head  
拆胎鸟头



Strong tyre press  
铲胎轻松省力



Tilting column design  
后仰倒臂设计

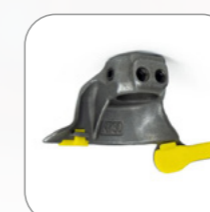


Wheel lifter  
轮胎举升装置

### OPTIONAL 选配



Motorcycle clamp  
adapters  
摩托车夹具



Motorcycle  
mounting head  
摩托车鸟头



Leverless  
mounting head  
自动翻转鸟头



Quick air booster  
快速爆充

# CAV CB-530 Pro line

## WHEEL BALANCER

轮胎平衡机

### Features 产品特点



Automatic distance and wheel diameter measuring  
自动测量和输入轮辋的距离和直径



Digital Display  
数码管显示  
Providing self-diagnosis and self-calibration  
提供自我校准和诊断功能



Quick release nut  $\Phi=36\text{mm}$   
标配快速螺母直径 36mm

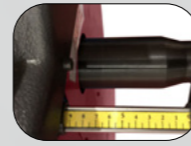


# CAV CB-800 Pro line

## WHEEL BALANCER

轮胎平衡机

### Features 产品特点



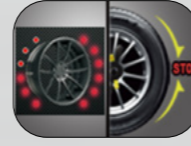
Automatic distance and wheel diameter measuring  
自动测量和输入轮辋的距离和直径



Laser pointer indicates the imbalancing position  
激光跟踪功能指示不平衡点



5 windows digital display  
5窗口数据显示



Automatic electromagnetic brake  
电磁刹车功能



### Specifications 技术参数



5 Balancing modes  
5种平衡模式



Opt function  
平衡优化功能



Max. wheel weight  
最大轮胎重量

**65kg**  
(143 lbs)



Rim width  
Rim diameter  
轮辋宽度与直径

1.5"-16"

10"-24"

### Specifications 技术参数



9 Balancing modes  
9种平衡模式



Opt function  
平衡优化功能



Max. wheel weight  
最大轮胎重量

**65kg**  
(143 lbs)



Rim width  
Rim diameter  
轮辋宽度与直径

1.5"-16"

10"-24"

Model 型号	CAV CB-530
Power supply 电源电压	110v/220v/380v
Motor power 电机功率	0.25kW/0.37kW
Balancing speed 平衡速度	200 r.p.m
Balancing accuracy 平衡精度	$\pm 1\text{g}$ ( $\pm 0.04\text{ oz}$ )
Measuring time 测量用时	8s
Noise level 噪音	<70dB

Model 型号	CAV CB-800
Power supply 电源电压	110v/220v/380v
Motor power 电机功率	0.25kW/0.37kW
Balancing speed 平衡速度	200 r.p.m
Balancing accuracy 平衡精度	$\pm 1\text{g}$ ( $\pm 0.04\text{ oz}$ )
Measuring time 测量用时	8s
Noise level 噪音	<70dB

# CAV 1226 Expert line

Semi-automatic with swing arm  
半自动摆臂拆胎机



## Specifications 技术参数

			
12"-24"	14"-26"	≤ 1040mm (41")	≤ 330mm (13")
External clamping 外夹轮毂	Internal clamping 内撑轮毂	Max. wheel diameter 轮胎最大轮径	Max. wheel width 轮胎最大宽度

Model 型号	CAV 1226
Bead breaker force 靠胎铲力	2500kg
Power supply 电源电压	110v/220v/380v
Motor power 电机功率	0.75kW/1.1kW
Air supply 工作气压	8-10 bar
Noise level 噪音	<70dB

## Optional assist arm 辅助臂升级方案



## Features 特点

			
26" clamping range 26寸工作盘	Mounting head 拆胎鸟头	Strong tyre press 铲胎轻松省力	Swing arm design 半自动摆臂设计

### OPTIONAL 选配

	
Motorcycle clamp adapters 摩托车夹具	Motorcycle mounting head 摩托车鸟头

# CAV 1028 EVO Expert line

## Automatic Leverless Tyre Changer

无大盘全自动拆胎机



## Assist arm 辅助臂

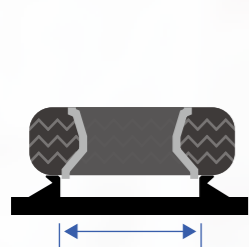
Pneumatic roller disc for heavy tyres lifting  
气动托胎盘提供省力托胎功能

Quick clamping with central positioning function  
中心定位功能快速将轮胎固定在卡爪上

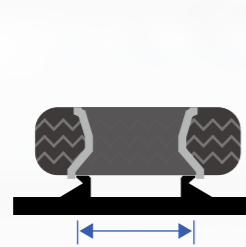
Bead roller protects rim from the damage and makes tyre changing easier  
辅助压胎滚轮保护轮毂不受伤害并使拆装轮胎更轻松



## Specifications 技术参数



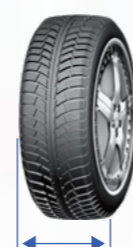
10"-22"  
External clamping  
外夹轮毂



12"-28"  
Internal clamping  
内撑轮毂



≤ 1150mm  
Max. wheel diameter  
轮胎最大轮径



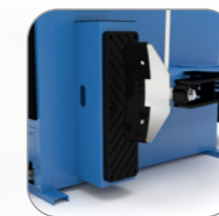
3"-16"  
Max. wheel width  
轮胎最大宽度

Model 型号	CAV 1028 EVO
Bead breaker force 靠胎铲力	2500kg
Power supply 电源电压	110v/220v/380v
Motor power 电机功率	0.75kW/1.1kW
Air supply 工作气压	8-10 bar
Noise level 噪音	<70dB

## Features 特点



28" clamping range  
28寸工作盘



Powerful bead breaker  
铲胎轻松省力



Strong tyre press  
铲胎轻松省力

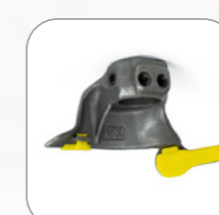


Tilting column design  
后仰倒臂设计

### OPTIONAL 选配



Motorcycle clamp adapters  
摩托车夹具



Motorcycle mounting head  
摩托车鸟头



Air booster  
爆充



Leverless mounting head  
自动翻转鸟头

# CAV LT-650 Expert line

Tyre changer for truck & bus  
卡车轮胎拆胎机

## Features 产品特点

- ① Electro-hydraulic clamping system  
电动液压夹紧控制系统
- ② Clockwise & counter-clockwise rotation of chuck  
具有正反2种旋转方式



- ③ Mobile control unit with 24v for safety operation  
24v 低电压移动操作台保证操作安全

- ④ Flexible joystick and foot pedals for easy and precise control  
手柄和脚踏控制保证操作方便和精准

# CAV LT-690 Expert line

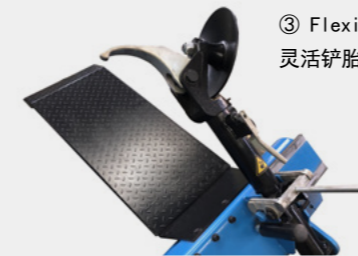
Tyre changer for truck & bus  
卡车轮胎拆胎机

## Features 产品特点

- ① Clamping range up to 56" with extensions  
延伸爪可拆装最大至56寸轮辋
- ② Clockwise & counter-clockwise rotation of chuck  
具有正反2种旋转方式



- ③ Flexible bead breaker on mounting arm  
灵活铲胎器使用省力又方便



- ④ Flexible joystick and foot pedals for easy and precise control  
手柄和脚踏控制保证操作方便和精准



## Specifications 技术参数



Max. wheel weight  
最大轮胎重量



≤ 1600mm (63")  
Max. wheel diameter  
轮胎最大轮径



≤ 780mm (30")  
Max. wheel width  
轮胎最大宽度

Model 型号	CAV LT-650
Clamping capacity 轮辋直径	14"-26"
Power supply 可选电压	380v/220v
Hydraulic pump motor 液压电机功率	1.5 kW
Gearbox motor 旋转电机功率	1.8 kW
N/G weight 净重 / 毛重	585/740kg (1290/1630 lbs)

## Specifications 技术参数



Max. wheel weight  
最大轮胎重量



≤ 2300mm (90")  
Max. wheel diameter  
轮胎最大轮径



≤ 1065mm (42")  
Max. wheel width  
轮胎最大宽度

Model 型号	CAV LT-690
Rim capacity 轮辋直径	14"-46"
Rim capacity (with extensions) 带延伸卡爪	14"-56"
Power supply 可选电压	380v/220v
Hydraulic pump motor 液压电机功率	2.2 kW
Gearbox motor 旋转电机功率	2.2 kW
N/G weight 净重 / 毛重	887/1150kg (1955/2535 lbs)

# CAV CB-870 Expert line

## WHEEL BALANCER

轮胎平衡机

### Features 产品特点

1. Automatic distance and wheel diameter measuring  
自动测量和输入轮辋的距离和直径
2. Equipped with SONAR sensor for automatic measuring tire width  
配备声呐距离传感器，准确测量轮胎宽度，操作简单
3. Laser pointer indicates the imbalancing position  
激光跟踪功能指示不平衡点
4. 19 inch LCD monitor  
19 寸液晶大屏
5. Equipped with electric brake  
配备电磁刹车
6. LED light beam to illuminate the inside of the rim  
配有 LED 灯箱照明，操作时更清晰



# CAV 1200A Expert line

## WHEEL BALANCER for truck

卡车轮胎平衡机

### Features 产品特点

1. Manual measuring of distance and wheel diameter  
手动测量和输入轮辋的距离和直径
2. Integrated self-diagnosis and self-calibration  
自我校准和设备诊断自检功能
3. Standard pneumatic wheel lifter is ideal for heavy wheels  
标配气动轮胎升降平台装卸更省力
4. Various balancing modes for different wheels  
多种平衡模式



### Specifications 技术参数



9 Balancing modes  
9 种平衡模式



Split and hidden weight solution  
平衡块分割隐藏功能



Opt function  
平衡优化功能



Max. wheel weight  
最大轮胎重量

65kg  
(143 lbs)



Rim width  
Rim diameter  
轮辋宽度与直径

1.5"-20"

10"-28"

Model 型号	CAV CB-870
Power supply 电源电压	110v/220v/380v
Motor power 电机功率	0.25kW/0.37kW
Balancing speed 平衡速度	200 r.p.m
Balancing accuracy 平衡精度	±1g (±0.04 oz)
Measuring time 测量用时	8s
Noise level 噪音	<70dB

### Specifications 技术参数



4 Balancing modes  
4 种平衡模式



Max. wheel weight  
最大轮胎重量

150kg  
(330 lbs)



Rim width  
Rim diameter  
轮辋宽度与直径

1.5"-20"

10"-24"



≤ 70 dB

Noise level  
噪音水平

Model 型号	CAV 1200A
Max. wheel diameter 最大车轮直径	1200mm
Balancing speed 平衡速度	200 r.p.m
Air pressure 气压	6-8 bar
Measuring time 测量用时	8s

# CAV CB 1200 Expert line

## WHEEL BALANCER for truck

卡车轮胎平衡机

### Features 产品特点

1. Manual measuring of distance and wheel diameter  
手动测量和输入轮辋的距离和直径
2. Integrated self-diagnosis and self-calibration  
自我校准和设备诊断自检功能
3. Standard pneumatic wheel lifter is ideal for heavy wheels  
标配气动轮胎升降平台装卸更省力
4. Various balancing modes for different wheels  
多种平衡模式



### Specifications 技术参数



4 Balancing modes  
4 种平衡模式



**150kg**  
(330 lbs)  
Max. wheel weight  
最大轮胎重量



Rim width  
Rim diameter  
轮辋宽度与直径



**≤ 70 dB**  
Noise level  
噪音水平

Model 型号	CAV CB 1200
Max. wheel diameter 最大车轮直径	1200mm
Balancing speed 平衡速度	200 r. p. m
Air pressure 气压	6-8 bar
Measuring time 测量用时	8s

### Tyre changer Accessories 拆胎机配件



Motorcycle adapters  
摩托车夹具



Motorcycle mounting head  
摩托车鸟头



Plastic mounting head  
塑料拆胎鸟头



Bead press  
压胎器



Screw bead press  
压胎器

### Wheel balancer Accessories 平衡机配件



Motorcycle adapter  
摩托车夹具



Universal flange-adapter  
万能夹具



Wheel guard  
平衡机护罩