

世界主要汽车生产厂认可的制动校正/光碟机确认指定
 Brake correct/optical correction machine recognized and designated by the world major automobile manufacturers



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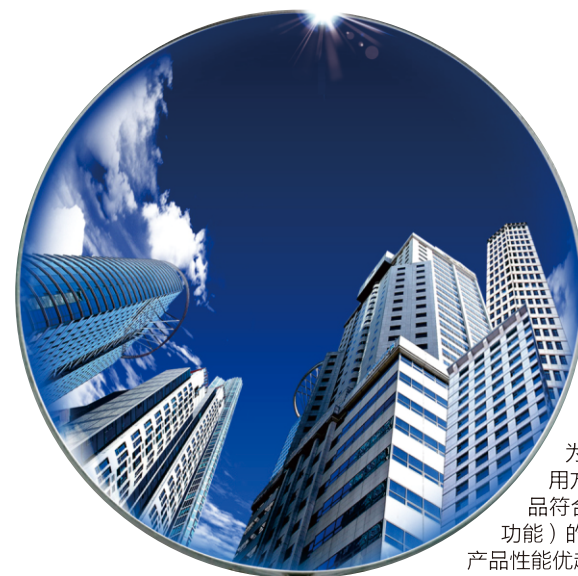
BRAKE DISC LATHE

免拆式(枱式)刹车碟/校正光碟机



奥迈机械设备有限公司
 Aomai Machinery Equipment Co.,Ltd

公司简介 COMPANY INTRODUCTION



关心用户，回报财富

LET OUR CUSTOMERS WIN THE PROFIT FIRST

佛山市南海奥迈机械设备有限公司是一家有规模专业生产刹车碟免拆校正光碟机的厂家，本公司在汽车维修及保养设备制造方面有着丰富的经验，并积极探索安全和环保的解决方案，由此推出一系列用于汽车维修设备的产品。

本公司拥有专业的技术工程师、二十多年的技术经验、并且拥有先进的生产技术，形成一支高素质的生产队伍。本公司现有产品德国“奥迈”牌刹车碟校正免拆式光碟机，顶尖产品和先进技术采用德国DIN标准钢材和QPQ工艺处理，使切削器导轨达到硬而韧中的最耐磨效果；从而本公司产品在同行业中一直处于领先地位。公司现有产品有两大系列：8系和9系，型号为AM-8700，使就车式免拆加工刹车碟变为现实，该产品具有安装简易、使用方便、切削性能优良的特点，在同行产品中具有领先国际水平。AM-8700该产品符合欧盟的健康、安全、环保的要求。9系为一种最新研发的台式及就车式（双功能）的刹车碟光碟机，型号为AM-983，更好的方便了用户选择适用的产品。奥迈产品性能优越，价格公道，优质的产品和服务态度令我司在汽修市场上赢得可信的口碑。我司产品已进驻各大汽车4S店的维修场，是各大4S站，快修店，轮胎店，镗缸磨轴加工店的首选产品。除光碟机产品外，本公司还开发出各款汽车专用夹具，满足了目前市场上多款汽车的特别需要。公司产品还远销欧美和中东各个国家。

公司视产品以质量和服务为生命，以满足广大用户和代理商的要求为宗旨，秉承“关心用户，回报财富”为理念。我们真诚希望与你们携手并进、共同发展！

Foshan Nanhai Aomai Machinery Equipment Co., Ltd is specialized in manufacturing ON-CAR and OFF-CAR Brake Disc Lathe machines. We have more than 20 years' of experience on vehicle repairing, and Auto maintenance devices production. Our mission is to design and produce the most advanced and precise, safe and ECO solutions to Auto maintenance industry.

Our company owns a professional team of mechanical engineers, and well organized management team, through the crossover of sophisticated technologies and mature manufacturing techniques, we have produced our proud product, AOMAI On-car Brake Lathe, and is registered in Germany. Our machines adopted the Universal standard of DIN steel and QPQ processing to achieve the best toughness, and abrasion resistant. Main series are classified as Range "8" and Range "9".

AM-8700 is the main model of Range "8". The design of this machine is originated from Netherlands, and then improved by our Germany partner. This model features on simple & fast installation, precise cutting, and user-friendly. AM-8700 has met the European requirements about safety, health, and environmental protection, and wins the best selling machine among China market.

AM-983 is the main model of Range "9". It was further developed to be a dual-functions machine, can work both On-car and Off-car. It is so convenient and powerful that under short period, it is well-known & welcome by all users, and caught up the sales record of AM-8700 very soon. At the same time, we have developed our accessories, including USM (mounting adaptor) so that any special vehicles can also use our machines.

Our products have been successfully applied in most 4S shops of famous brands in China, and also become an essential tool of all over the world. Our company looks product quality and customer service as our first mission, and we insist on the principle of "let our customers win the profit first". We are sincerely expecting to develop with you hand in hand.



生产流程 PRODUCTION PROCESS





AM-553
自动停止功能
Automatic stop

产品名称	无级变速带启停功能	Product name	Continuously variable speed Brake Lathe
产品型号	AM-553	Model name	AM-553
操作高度	1m	Working height min/max	1m
电机转速	30/200rpm	Drive speed	30/200rpm
电机功率	750W	Motor power	750W
电器规格	220v/50Hz 110v/60Hz	Electrical specifications	220v/50Hz 110v/60Hz
工作环境温度	-30~60℃	Ambient temperature range	-30~60℃
刹车盘最大直径	450mm	Maximum diameter of brake disc	450mm
刹车盘厚度	6~40mm	Thickness of brake disc	6~40mm
切削进刀量	0.005~0.015mm	Cutting depth per knob	0.005~0.015mm
切削精度	≤0.00~0.003mm	Cutting precision	≤0.00~0.003mm
制动盘表面粗糙度	1.5~2.0 μ m	Brake disc surface roughness Ra	1.5~2.0 μ m
包装尺寸	0.565CBM	Packing size TOTAL	0.565CBM
木箱包装尺寸	110X50X52cm=0.286³	Plywood carton	110X50X52cm=0.286³
纸箱包装尺寸	85X41X80cm=0.279³	Paper carton	85X41X80cm=0.279³
净重	两件共 128 kg	Net weight	128kg in two cartons
毛重	两件共 140 kg	Gross weight	140 kg in two cartons

型号或颜色如有改变，恕不另行通知
Model and color are subject to change without prior notice



AM-983

产品名称	双功能（台式及就车式）刹车碟光碟机	Product name	Brake lathe – dual-functions model
产品型号	AM-983（台式及就车式）光碟机	Model name	AM-983
操作高度（最低/最高）	0.78/1.2m	Working height min/max	0.78/1.2m
电机转速	150r pm	Drive speed	150r pm
电机功率	750W	Motor power	750W
电器规格	220v/50Hz 110v/60Hz	Electrical specifications	220v/50Hz 110v/60Hz
工作环境温度	-30~60℃	Ambient temperature range	-30~60℃
刹车盘最大直径	450mm	Maximum diameter of brake disc	450mm
刹车盘厚度	6~40mm	Thickness of brake disc	6~40mm
切削进刀量	0.005~0.015mm	Cutting depth per knob	0.005~0.015mm
切削精度	≤0.00~0.003mm	Cutting precision	≤0.00~0.003mm
制动盘表面粗糙度	1.5~2.0 μ m	Brake disc surface roughness Ra	1.5~2.0 μ m
包装尺寸	两件共 0.371 CBM	Packing size TOTAL	0.371CBM in two cartons
木箱包装尺寸	91X51X48cm=0.222³	Plywood carton	91X51X48cm=0.222³
纸箱包装尺寸	90X50X33cm=0.149³	Paper carton	90X50X33cm=0.149³
净重	两件共 118kg	Net weight	118kg in two cartons
毛重	两件共 128kg	Gross weight	128kg in two cartons

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产品名称	双功能（台式及就车式）刹车碟光碟机	Product name	Brake lathe – dual-functions model
产品型号	AM-983S（台式及就车式）光碟机	Model name	AM-983S
操作高度（最低/最高）	0.4/0.7m	Working height min/max	0.4/0.7m
电机转速	150r pm	Drive speed	150r pm
电机功率	750W	Motor power	750W
电器规格	220v/50Hz 110v/60Hz	Electrical specifications	220v/50Hz 110v/60Hz
工作环境温度	-30~60℃	Ambient temperature range	-30~60℃
刹车盘最大直径	450mm	Maximum diameter of brake disc	450mm
刹车盘厚度	6~40mm	Thickness of brake disc	6~40mm
切削进刀量	0.005~0.015mm	Cutting depth per knob	0.005~0.015mm
切削精度	≤0.00~0.003mm	Cutting precision	≤0.00~0.003mm
制动盘表面粗糙度	1.5~2.0 μ m	Brake disc surface roughness Ra	1.5~2.0 μ m
包装尺寸	两件共 0.371 CBM	Packing size TOTAL	0.371CBM in two cartons
木箱包装尺寸	91X51X48cm=0.222³	Plywood carton	91X51X48cm=0.222³
纸箱包装尺寸	90X50X33cm=0.149³	Paper carton	90X50X33cm=0.149³
净重	两件共 118kg	Net weight	118kg in two cartons
毛重	两件共 128kg	Gross weight	128kg in two cartons

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产品名称	三合一，（台式就车式）光盘.光鼓机	Product name	On car &off car &working for drum
产品型号	AM-983GD（台式及就车式）光碟机	Model name	AM-983GD
操作高度（最低/最高）	0.78/1.2m	Working height min/max	0.78/1.2m
电机转速	150r pm	Drive speed	150r pm
电机功率	750W	Motor power	750W
电器规格	220v/50Hz 110v/60Hz	Electrical specifications	220v/50Hz 110v/60Hz
工作环境温度	-30~60℃	Ambient temperature range	-30~60℃
刹车盘最大直径	450mm	Maximum diameter of brake disc	450mm
刹车盘厚度	6~40mm	Thickness of brake disc	6~40mm
切削进刀量	0.005~0.015mm	Cutting depth per knob	0.005~0.015mm
切削精度	≤0.00~0.003mm	Cutting precision	≤0.00~0.003mm
制动盘表面粗糙度	1.5~2.0 μ m	Brake disc surface roughness Ra	1.5~2.0 μ m
包装尺寸	两件共 0.371 CBM	Packing size TOTAL	0.371CBM in two cartons
木箱包装尺寸	91X51X48cm=0.222³	Plywood carton	91X51X48cm=0.222³
纸箱包装尺寸	90X50X33cm=0.149³	Paper carton	90X50X33cm=0.149³
净重	两件共 132kg	Net weight	132kg in two cartons
毛重	两件共 152kg	Gross weight	152kg in two cartons

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AM-985

产品名称	枱式刹车碟光碟机	Product name	Brake lathe – dual-functions model
产品型号	AM-985枱式光碟机	Model name	AM-985
操作高度	1m	Working height min/max	1m
电机转速	150r pm	Drive speed	150r pm
电机功率	750W	Motor power	750W
电器规格	220v/50Hz 110v/60Hz	Electrical specifications	220v/50Hz 110v/60Hz
工作环境温度	-30~60℃	Ambient temperature range	-30~60℃
刹车盘最大直径	450mm	Maximum diameter of brake disc	450mm
刹车盘厚度	6~40mm	Thickness of brake disc	6~40mm
切削进刀量	0.005~0.015mm	Cutting depth per knob	0.005~0.015mm
切削精度	≤0.00~0.003mm	Cutting precision	≤0.00~0.003mm
制动盘表面粗糙度	1.5~2.0 μ m	Brake disc surface roughness Ra	1.5~2.0 μ m
包装尺寸	0.452CBM	Packing size TOTAL	0.452CBM in two cartons
木箱包装尺寸	91X51X48cm=0.222³	Plywood carton	91X51X48cm=0.222³
纸箱包装尺寸	70X42X78cm=0.23³	Paper carton	70X42X78cm=0.23³
净重	两件共 120kg	Net weight	120kg in two cartons
毛重	两件共 133kg	Gross weight	133kg in two cartons

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AM-8700

产品名称	就车式免拆光碟机	Product name	On-the-car Brake Disc Lathe – standard model
产品型号	AM-8700	Model name	AM-8700
操作高度（最低/最高）	1/1.25m	Working height min/max	1/1.25m
电机转速	98rpm	Drive speed	98rpm
电机功率	750W	Motor power	750W
电器规格	220v/50Hz 110V/60Hz	Electrical specifications	220v/50Hz 110V/60Hz
工作环境温度	-25to50℃	Ambient temperature range	-25to50℃
刹车盘最大直径	350mm	Maximum diameter of brake disc	350 mm
刹车盘厚度	6~40mm	Thickness of brake disc	6~40mm
切削进刀量	0.005~0.015mm	Cutting depth per knob	0.005~0.015mm
切削精度	≤0.00~0.003mm	Cutting precision	≤0.00~0.003mm
制动盘表面粗糙度	1.5~2.0 μ m	Brake disc surface roughness Ra	1.5~2.0 μ m
包装尺寸	0.2 CBM	Packing size TOTAL	0.2 CBM
纸箱包装尺寸	110*53*34cm=0.198m³	Paper carton	110*53*34cm=0.198m³
净重	50kg	Net weight	50kg
毛重	73kg	Gross weight	73kg

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AM-552

产品名称	无级变速光碟机	Product name	Continuously variable speed Brake Lathe
产品型号	AM-552	Model name	AM-552
操作高度	1m	Working height min/max	1m
电机转速	30/200rpm	Drive speed	30/200rpm
电机功率	750W	Motor power	750W
电器规格	220v/50Hz 110v/60Hz	Electrical specifications	220v/50Hz 110v/60Hz
工作环境温度	-30~60℃	Ambient temperature range	-30~60℃
刹车盘最大直径	450mm	Maximum diameter of brake disc	450mm
刹车盘厚度	6~40mm	Thickness of brake disc	6~40mm
切削进刀量	0.005~0.015mm	Cutting depth per knob	0.005~0.015mm
切削精度	≤0.00~0.003mm	Cutting precision	≤0.00~0.003mm
制动盘表面粗糙度	1.5~2.0 μ m	Brake disc surface roughness Ra	1.5~2.0 μ m
包装尺寸	0.54 CBM	Packing size TOTAL	0.54CBM
木箱包装尺寸	110X50X48cm=0.26³	Plywood carton	110X50X48cm=0.26³
纸箱包装尺寸	85X41X80cm=0.28³	Paper carton	85X41X80cm=0.28³
净重	两件共 120 kg	Net weight	120kg in two cartons
毛重	两件共 133 kg	Gross weight	133 kg in two cartons

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AM-553无级变速光碟机的特点：当刹车盘直径超过400mm，等值同步电机切削到刹车盘外圆时，由于径向受力加大，线径距离变大；此时采用调速器把速度降低使同步电机保持距离比值相等，避免产生振动，以致达到最佳的光盘效果。

What is the strength of AM-553

One of the common problems when lathing large brake disc is the vibration and chatter transfer that directly affects the tool-tip and leaves an imperfect cut on the disc surface. AOMAI AM-553 Brake Lathe is specifically designed to eliminate this problem by controlling variable-speed driver.

For testing, if you stood back and watched a brake lathe machine working on finish cut on a disc, at this moment if you drop a hammer on the floor next to the lathe, you would see a noticeable degradation of the cut at the moment of impact. Vibration causes frequencies which get transferred to the finish cut. This vibration effect is not obvious in normal size disc, but can be detected in a big disc more than 400mm. There are several ways to eliminate it and the best and easy way is to reduce the speed of disc turning. AOMAI AM-553 adopted the latest technology of "Variable-frequency Drive" that can control and lower the driver speed continuously, giving you the best and smoothest disc lathe.

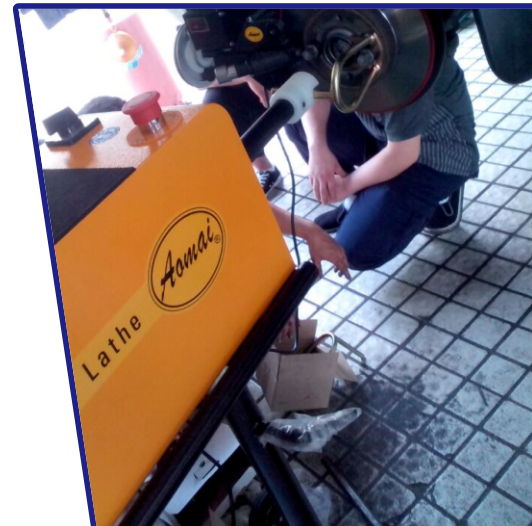
" Even better than a new one !"

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提到刹车盘修复机无论是修理厂或者车主也许都会有些陌生，在原来多数消费者要遇到刹车盘有问题都会直接将其换掉，没有想过拿去哪里修复的想法，以后一切刹车发抖，跑偏，发生噪音，奥迈（AOMAI）光碟机彻底解决这问题。

奥迈（AOMAI）光碟机源自于德国，在国内组装生产。适合于各类维修厂，名车改装中心，轮胎销售美容快修店，刹车片，刹车盘配件销售店，镗缸磨轴机加工店等，此台机器适用于各种刹车盘，不管是原厂的，还是改装的，大的小的，打孔划线的刹车盘都可以用此台机器修复。

奥迈刹车盘修复机能解决一切形变的刹车盘问题，免去了更换刹车盘的高昂费用。

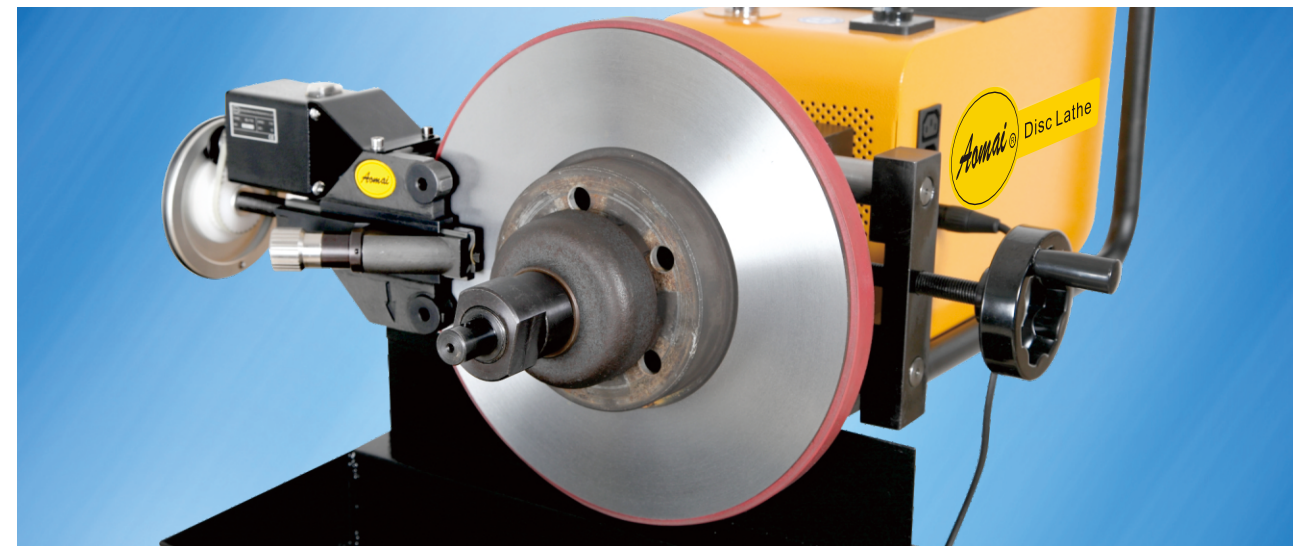


切削器 BL-718

CUTTER BL-718

特点：采用德国DIN标准钢材和先进QPQ工艺处理，切削器达到最硬而韧的耐磨效果。

Features: Our machines adopted the Universal standard of DIN steel and QPQ Processing to achieve the best toughness, and abrasion resistant.



刹车时常遇到的问题

COMMON BRAKING PROBLEMS

- 刹车踏板抖动--通常在新车行驶几百英里或更换新的刹车盘后的一段行驶里程时，由于刹车盘端面跳动公差超标造成刹车分泵回推，形成周期性的液压回推效果。同时由于脉动刹车产生的高温，使刹车盘内应力释放，造成刹车盘变形，引起刹车踏板加抖动和方向盘震动。
- 锈蚀--车辆长期存放使刹车盘生锈。另外，有些是由于盐砾的化学作用，造成刹车盘表面粗糙不平，影响制动效果。
- 刹车跑偏--常常由于厚积的道路尘垢、油脂、刹车屑和基本铁锈形成一层摩擦系数不同于先前的表层，造成对应两轮刹车盘的摩擦力不对等，引起制动跑偏，有时还伴随尖锐的噪音。
- Brake pedal dithering--within the certain drive mileage after new car has driven for several hundreds of miles or replacing new brake disc,the brake pump will push back caused by the run-out tolerance of the brake disc end,which may cause periodical hydraulic push back effect.Additionally,the internal stress of the brake disc will release caused by the high temperature from the pulse brake,and the brake pedal will dither and steering wheel will vibrate.
- Rust and corrosion--the brake disc will rust after the car is stored for along period Additionally,as a result of salt corrosion,the surface of brake disc will be rough and unsmooth,which may influence the brake effect.
- Brake deviation--caused by road dust,oil,brake scurf and basic rust which may cause different friction coefficient compared with the original surface,therefore,the friction force of brake disc of two wheels will be different,and cause brake deviation and high noise.



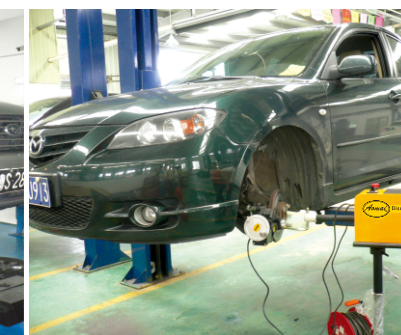
丰田4S站
TOYOTA 4S



本田4S站
HONDA 4S



福特4S站
FORD 4S



综合厂
AUTO SERVICE CENTRE

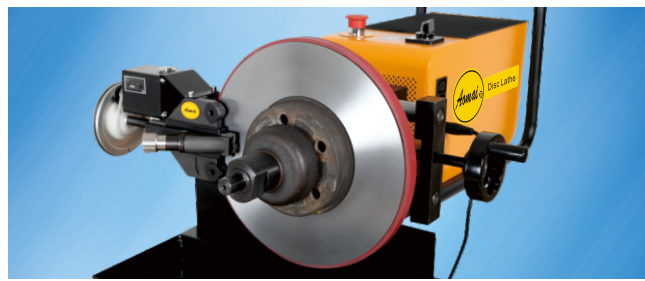
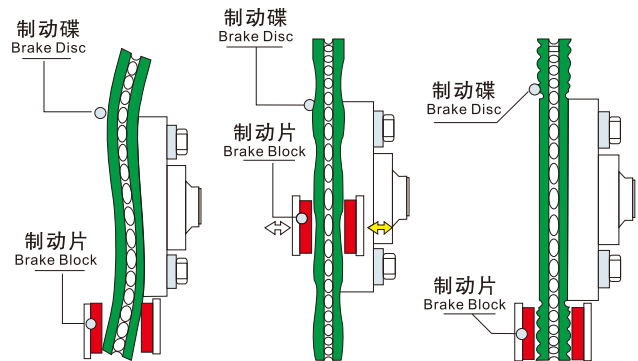
解决你汽车（制动）上问题

SOLVE YOUR PROBLEM OF CAR(BRAKE)

修复原理 REPAIR PRINCIPLE

良好的刹车效果是基于刹车盘两磨擦既垂直于旋转轴线，又相互平行。

Excellent brake effect is based on the vertical axis of rotation of brake block and brake disc, which shall be parallel.



8系列: AM-8700型就车式修复的特点

8 SERIES: AM-8700 ON THE CAR REPAIR FEATURES

- 遵循以上原理，以实际旋转轴线上为基准，彻底解决刹车踏板抖动、刹车盘锈蚀、刹车跑偏及制动噪音问题。
- 消除了拆装刹车盘时发生的装配误差。
- 就车式修复，不必拆装刹车盘，既省时又省力。
- 便于技术人员比较测量车削刹车盘前后的跳动公差。
- 节省费用，极大地缩短了维修时间、减少了客户的抱怨。
- 更换刹车片的同时车削刹车盘，保证刹车效果，延长刹车盘及刹车片寿命。
- Follow above principle, basing on the actual axis of rotation, completely solve the problem of brake pedal dithering, brake disc rust, brake deviation and brake noise.
- Eliminate the assembly error when disassembling and assembling the brake disc.
- On the car repair without the need of disassembling the brake disc, save labor and time.
- Convenient for the technicians to compare the run-out tolerance before and after cutting brake disc.
- Save cost, powerfully shorten the repair time, and reduce client's complaint.
- Cut the brake disc when replacing the brake pads, assure the brake effect, and prolong the service life of brake disc and brake pads.

9系列：AM-983型（双用功能）修复的特点

9 SERIES: AM-983(DUAL FUNCTION)REPAIR FEATURES

除了可以就车式切削刹车盘外，在维修繁忙时段工位不够用时，可以把刹车盘拆卸到AM-983机器上进行切削，也解决了后轮狭小空间工作的烦恼。

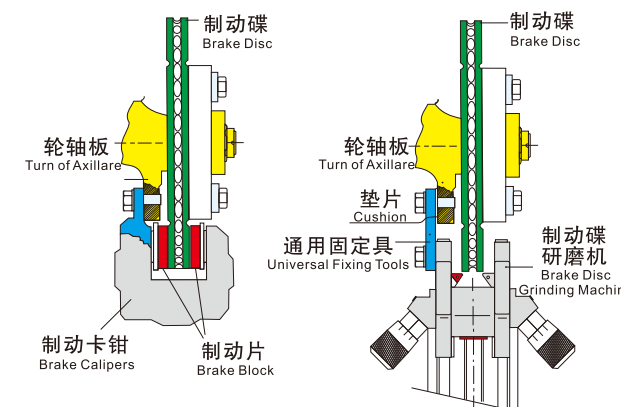
Besides working on-car, AM-983 can also works off-car. Any brake disc that is unable to approach by on-car lathe, can be taken out and then lathe on AM-983. Only a few installation steps is new and then AM-983 can be changed between on-car and off car. That is more flexible and save manpower. Dual-functions on one machine is definitely is a money-marking tools for all customers.



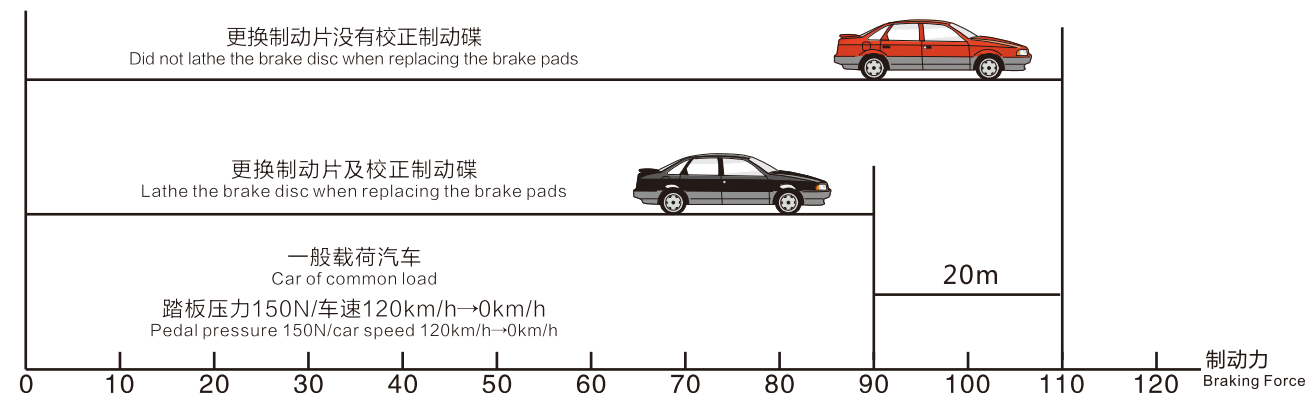
解决你汽车（制动）上问题

SOLVE YOUR PROBLEM OF CAR(BRAKE)

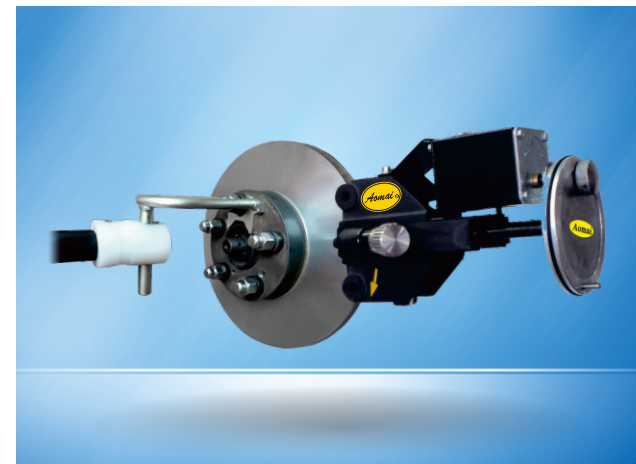
附有万能夹具，适合各种车型需求
PROVIDE UNIVERSAL CLAMP FOR MEETING THE DEMANDS OF DIFFERENT TYPES OF CARS



修复测试结果 REPAIR TEST RESULT



产品规格 PRODUCT SPECIFICATIONS



切削器 BL-718 Cutter BL-718			
最大的刹车碟厚度	40mm	Max Thickness of Brake Disc	40mm
最大的刹车盘直径	500mm	Radius of Brake Disc:	500mm
精确度	≤0.002-0.005mm	Precision:	≤0.002-0.005mm
进刀速度	8.5mm/min	Feeding Speed:	8.5mm/min
电器规格	DC12V/1.5A	Electric Spec:	DC12V/1.5A
净重量	7公斤	Net Weight:	7kg

精确度 Precision			
刹车碟精确度	≤0.002mm	Brake Disc Precision	≤0.002mm
刹车碟平面度	≤0.003mm		≤0.003mm
刹车碟表面粗糙度	Ra 1.5-2.0 μm	Brake Disc Surface Roughness	Ra 1.5-2.0 μm

噪音水平60分贝，不包括修正空间因素的4分贝
Noise is 7dB, excluding the 4dB of the correcting space factor