



OTCL500

On/off car brake disc lathe
(passenger only)



Model: OTCL500

Product: On and off car brake disc lathe

Description: On-car & off-car type Car brake disk cutting machine. It's a luxury model of car brake disc machine. It's on-car & off-car type. Dual side cutting when work on brake disc, about 8 minutes per disc. Easy to operate and reasonable structure.

Features:	Benefits:
Basing on the actual axis of rotation	Solves the problem of brake pedal dithering, brake disc rust, brake deviation and brake noise.
Powerful motor to drive the hub	Better design, which results in less heat loss and lower noise.
Enlarged tool box	Keeping your tools safe and in one place.
Dedicated plates	For specific vehicles
Universal slide mount	Quick mounting
Ergonomic design	Providing safety and easy accessibility to all components
User friendly	Easy to operate
On-Car and Off-Car Operation	The primary feature of these machines is their ability to resurface brake discs both while they are still mounted on the vehicle (on-car) and after they have been removed (off-car). This versatility allows for a wide range of applications.
Adjustable Settings	Come with adjustable settings for disc diameter, depth of cut, and feed rate, enabling precise and customizable machining for different vehicle types and disc sizes.
Mounting Adapters	Equipped with a variety of mounting adapters and accessories to accommodate various vehicle makes and models, ensuring compatibility with a broad range of vehicles.
Semi automatic Feed Control	Semi automatic feed control, which helps maintain consistent and even material removal from the rotor surface, resulting in a uniform finish.
	Cost-Effective Maintenance: On-and-off car disc brake skimming machines extend the life of brake rotors by resurfacing them, offering a cost-effective alternative to rotor replacement.
	Time Efficiency: These machines are versatile, as they can be used both on and off the vehicle. When used on the car, they save time by eliminating the need to remove the discs, and when used off the car, they provide flexibility for different service scenarios.



Colors and designs may differ

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	Improved Braking Performance: Machining brake discs removes surface irregularities like scoring and warping, which can lead to improved braking performance, reduced noise, and diminished vibration.
	Reduced Downtime: The ability to perform on-car disc machining helps minimize vehicle downtime, allowing for faster turnaround on brake service jobs, particularly in cases where the discs do not need to be removed.
	Increased Customer Satisfaction: Offering both on-car and off-car disc machining options can enhance customer satisfaction by providing convenient and cost-effective solutions for brake discs maintenance.
	Environmental Benefits: Resurfacing brake discs rather than replacing them contributes to waste reduction and minimizes the environmental impact of discarded parts.
	Versatility and Compatibility: Combination brake lathes are compatible with a wide range of vehicles, including passenger cars, pickup trucks, SUVs, and various disc sizes.
	Consistency: The semi automatic feed control and adjustable settings help ensure consistent and precise disc machining, reducing the likelihood of uneven wear or braking issues.
Training available	Technicians can be professionally trained to use the equipment and get the maximum benefit from it.
1 year warranty	The machine will be repaired if there are any factory faults and can be replaced if required.
Spares available	Should you have a breakdown you will not have to wait for your equipment to be repaired. If there is anything we don't have, we fly it in directly from the Suppliers.



Technical Information	
Working height min/max	0.78/1.2m
Drive speed	150rpm
Motor power	450/750W
Electrical specifications	220V/50HZ
Maximum diameter of brake disc	500mm
Thickness of brake disc	6-40mm
Cutting depth per knob	0.005-0.015mm
Cutting precision	<0.00-0.003mm
Brake disc surface roughness Ra	1.5-2.0 μ m
Packaging dimensions 1/2	860*480*500 mm
Packaging weight 1/2	78 kg
Packaging dimensions 2/2	910*510*310 mm
Packaging weight 2/2	50 kg



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