



OTCL400

On car brake disc lathe
(passenger only)



Model: OTCL400

Product: On car brake disc lathe

Description: This machine can be attached directly on a vehicles for resurfacing. The existing model is upgraded and remodeled from customer-oriented perspectives to enable easier and safer car brake disc resurfacing. Resurfacing particularly improves the performance of brake disc and shortens the braking distance to guarantee safer operation.

Features:	Benefits:
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.
Extra drawer	Ideal for small parts, tool bits and small hand tools. Creating work space on top of the drive unit.
Dedicated plates	For specific vehicles
Universal slide mount	Quick mounting
A tangible step mechanism of the bi-directional adjusting knob with increments of 0.05mm/0.002 inch	Ensures accurate tip positioning, even on the inner face of the disc.
A 32° cutting tip holder	Providing a sharper angle to better reach the entire disc surface.
More cutting depth at two sides, up to 0.8 mm./ 0.03 inch in one movement	Creating an even cut of the disc.
Semi auto function	The machine will cut the disc by itself leaving the technician free to continue with other tasks, saving on production time.
Ergonomic design	Providing safety and easy accessibility to all components
User friendly	Easy to operate
On-Car Operation	Designed to work directly on the vehicle, allowing technicians to resurface the brake discs without removing them from the vehicle. This saves time and effort compared to traditional off-car brake lathes.
Adjustable Settings	Come with adjustable settings for disc diameter, depth of cut, and feed rate, allowing for precise and customized machining.
Mounting Adapters	Comes with a variety of mounting adapters and accessories to fit different vehicle makes and models, ensuring compatibility with a wide range of vehicles
Portable Design	Portable, making it easy to transport between service bays or to provide on-site brake servicing.

	Cost-Effective: On-car disc brake skimming machines help extend the life of brake discs by resurfacing them, which is often more cost-effective than replacing the rotors entirely.
	Time-Saving: Since the brake discs can be machined without removal, it saves significant time compared to the process of removing, machining, and reinstalling discs using traditional off-car lathes.
	Improved Brake Performance: Skimming the brake discs removes surface irregularities, such as scoring and warping, which can lead to improved braking performance and reduced brake noise and vibration.
	Reduced Downtime: By eliminating the need to remove and replace discs, on-car brake lathes reduce vehicle downtime, allowing for faster turnaround on brake service jobs.
	Increased Customer Satisfaction: Offering on-car disc machining as a service can increase customer satisfaction by providing a convenient and cost-effective solution for brake rotor maintenance.
	Environmentally Friendly: By resurfacing brake discs instead of replacing them, these machines contribute to reducing waste and environmental impact.
	Versatility: On-car disc brake skimming machines are versatile and can be used on a wide range of vehicles, including passenger cars, trucks, and SUVs.
	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	
Machining results	
Run-out / disc oscillation	< 20 µm Ra / 0.0008"
Disc Thickness Variation	< 20 µm Ra / 0.0008"
Surface roughness / finish	< 2 µm Ra / 0.00008"
Max. brake disc thickness	39 mm.- 1.54"
Max. cutting depth	0.8 mm.- 0.031" per bit
Incremental cutting scale	0.05 mm./ 0.002" per click.
Disc lathe	
Automatic feed of bits on disc	8,5 mm/min.- 0.34"/min.
Voltage, acc. to regional specs	100-240V. Freq. 50/60 Hz
Weight	6.1 kg
Drive unit	
Driving axle rotation speed	100 rpm.
Voltage, acc. to regional specs.	100-240V. Freq. 50/60 Hz.
Power	400 Watt / 0.536 HP.
Current	3.2 Amps
Torque	44,8-67,2 Nm
Advised surrounding temp	-5° till +35° C
Sound level	74 dB(A)
Working height	100-119,5 cm. / 39.4"-47.0"
Packaging dimensions	1100*530*340 mm
Packaging weight	73 kg