



# ESW450

Off car brake disc lathe  
(passenger & trucks)



## Model: ESW450

**Product:** Off car - Truck & Passenger brake lathe

**Description:** Designed for both passenger vehicles and trucks/bus. Accommodating a wide range of vehicle sizes and types. Offering you the advantages of cost effective and efficient maintenance for a wide range of vehicle sizes, and also making it a valuable tool for service centers and mechanics servicing diverse vehicle fleets.

Features:	Benefits:
High precision of a DC reduction motor	Meet the demanding requirements of industrial motion.
Twin cutter	Achieve simultaneous cutting of both sides of the disc and increase the cutting efficiency.
Ergonomic controls	Designed for minimal operator movement, reducing the operation and easy to learn.
Big storage cabinet	Ideal to store tools
Small size with a solid structure	Covering less space
Omni-directional wheels	Wheels move freely
Discountable triangle carbide cutting tips	Able to repair more than 50 discs for customers.
Accessories included	To meet the needs of a variety of vehicles
Versatility	Designed to work with various brake disc sizes, making them suitable for both passenger cars and trucks.
Adjustable Settings	Adjustable settings for disc diameter, depth of cut, and feed rate, allowing for precise and customized machining.
Heavy-Duty Construction	Built with robust materials and components to handle the demands of machining components for both passenger vehicles and trucks.
Automatic Feed Control	Automatic feed control to ensure consistent and even material removal from the disc surface, resulting in a uniform finish
Digital Controls	Includes a digital control and display for easy setup and monitoring of machining parameters.
	<b>Cost Savings:</b> Off-car brake disc lathes extend the life of brake discs by resurfacing them, offering a cost-effective alternative to replacement for both passenger cars and trucks.
	<b>Enhanced Braking Performance:</b> Machining brake discs removes surface irregularities like scoring and warping, leading to improved braking performance, reduced noise, and decreased vibration, which is crucial for both passenger and heavy-duty vehicles.

	<p><b>Reduced Downtime:</b> By resurfacing brake components without the need to remove them from the vehicle, these machines help minimize vehicle downtime, allowing for faster turnaround on brake service jobs, whether for cars or trucks.</p>
	<p><b>Environmental Benefits:</b> Resurfacing brake discs instead of replacing them reduces waste and minimizes the environmental impact of discarded parts.</p>
	<p><b>Versatility and Compatibility:</b> Off-car brake disc lathes are compatible with a wide range of vehicles, from small passenger cars to large trucks, making them a valuable tool for multi-purpose service centers and mechanics.</p>
	<p><b>Consistency:</b> The automatic feed control and adjustable settings help ensure consistent and precise disc machining, reducing the likelihood of uneven wear or braking issues</p>
	<p><b>Extended Component Life:</b> Regular resurfacing of brake discs can extend their lifespan, reducing the frequency of replacements and associated costs for both passenger and truck applications.</p>
	<p><b>Customer Satisfaction:</b> Offering brake resurfacing services for both passenger and truck vehicles can enhance customer satisfaction by providing cost-effective solutions for brake component maintenance across a range of vehicle types.</p>
Training available	Technicians can be professionally trained to use the machine 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 machine to be repaired. If there is anything we don't have, we fly it in directly from the Suppliers.

Technical Information	
Disc biggest diameter	500mm
Disc biggest thickness	40mm
Disc precision	≤0.01mm
Desk height	1200mm
Motor	110v/220v 50/60Hz
Reduction motor power	400w
Spindle revolution	0-200RPM
Working temperature	-20°C - 40°C
Weight	138kg

Standard adapters	
1	Twin cutter holder
2	Brush
3	Internal hexagon wrench
4	Open-end wrench
5	Cutting tip and screw
6	Spring
7	Wide silencing belt
8	Narrow silencing belt
9	Screw
10	Long sleeve
11	Internal Hexagon screw
12	Clamp (150mm)
13	Clamp (136mm)
14	Clamp (120mm)
15	Taper cone (100-120mm)
16	Taper cone (80-105mm)
17	Taper cone (65-85mm)
18	Spacer

