

Hunter On-Car Brake Lathes

Hub-Mounted Rotor Lathes

**OCL430MD Also Available for
Medium-Duty Truck Service**



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Омск (3812)21-46-40
Орел (4862)44-53-42
Оренбург (3532)37-68-04
Пенза (8412)22-31-16

Казахстан (772)734-952-31

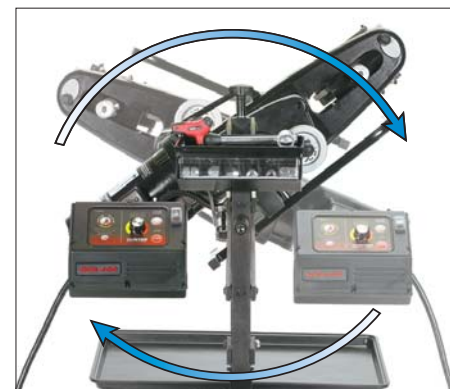
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Exclusive OCL400 Series Features

1. Exclusive ServoDrive™ *system provides variable speed and rotational torque during computerized compensation and rotor machining.
2. Pro-Comp® computerized compensation* adjusts for lateral runout with a push of a button and a simple single-point adjustment.
3. ACT (Anti-Chatter Technology)* oscillates spindle speed to eliminate chatter and provide a smooth surface finish.
4. Large 1.5-hp motors easily service 4WD vehicles (OCL410) or medium-duty front and rear truck rotors (OCL430MD).
5. Long-life micro-round cutting inserts withstand “crashes” and heavy cuts, removing up to .040 inches per side in one pass.
6. Large, rigid tool holders service rotors up to 15.75 inches in diameter and 2.75 inches in thickness (OCL400) and 17.5 inches in diameter and 3.5 inches in thickness (OCL430MD).†
7. Offset cutting arm is freely adjustable when lathe is rotated 180° for servicing opposite side of vehicle. No need for unbolting, removing and reinstalling cutter head.
8. Rugged I-beam construction is more rigid than “dovetail” slide designs. Slide location outside the vehicle fender is isolated from brake chips and dirt build-up.
9. Pivoting control module, exclusive twin-cutter design and easily accessible adjustment controls allow adjustment in same manner right side up or upside down.



*Patent Pending † May require use of optional adaptors.

**Based on operator selected spindle speed, vehicle application and workpiece rigidity.

**Resurface
Rotors in Half
the Time It Takes
Other Lathes!****



***OCL430MD for
Medium-Duty Trucks***



Panel display reads right side up no matter which way the lathe is rotated. Adjustment controls can be accessed easily from outside the fender well.

OCL400 Series Feature Comparison

OCL410



Large cutting arm and rigid tool holders handle rotors up to 15.75 inches in diameter and 2.75 inches in thickness.



Rigid I-beam slide tool feed design.



Large 1.5-hp motor for easy service of 4WD vehicles.

OCL430MD



Heavy-duty cutting arm and tool holders handle rotors up to 17.5 inches in diameter and up to 3.5 inches in thickness.



A more robust I-beam slide and main housing support the precision machining of medium-duty, commercial-grade rotors.



Heavy-duty 1.5-hp, 230VAC, 50-60 Hz, 9-Amp motor handles medium-duty front and rear truck rotors.

OCL430MD Rotor Lathe for Medium-Duty Trucks and Commercial Vehicles

The OCL430MD is the ideal solution for shops that service medium-duty trucks and commercial vehicles exclusively or as a significant part of their business. It offers all of the speed and productivity features of the Hunter OCL400 brake lathe, but adds heavy-duty design features, components, rotor size capacity and power.

The OCL430MD trolley provides an extended low-to-high working range required for servicing vehicles when a lift rack is not available or practical. A full selection of adaptors and accessories to match medium-duty, commercial-grade vehicle hub and rotor OE specifications is available from Hunter.

Increase Production, Reduce Comebacks With Innovative OCL400 Series Lathe Technology



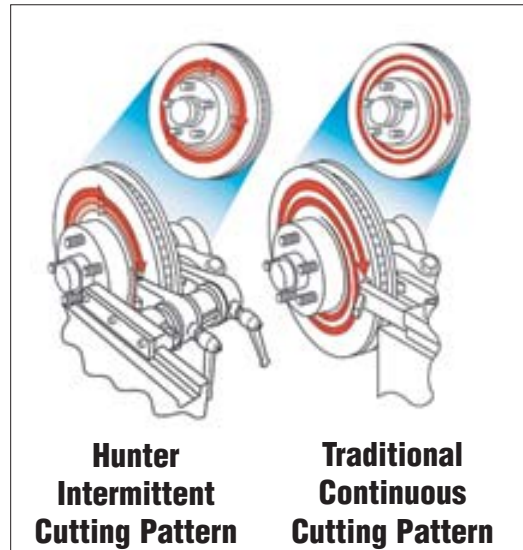
ServoDrive™ Variable Drive System Speeds Brake Service!

The patented ServoDrive™ variable drive system enables technicians to service rotors in half the time of other on-car lathes by providing variable speed and rotational torque during compensation and machining. Technicians can resurface rotors at the fastest possible speed and change speeds on the fly. The ServoDrive system allows service of rear locking differentials popular on light trucks and SUVs without the need to remove or disengage drive line components.



Model Shown
OCL410-LT-PRO

Intermittant Cutting Pattern Produces a Finish That Meets or Exceeds OEM Specification



Exclusive Hunter intermittent tool feed produces a non-directional cutting pattern of interrupted arcs, which eliminates radial “push-out” effect that continuous feed units present. Surface finish quality remains consistent regardless of changes to cutting speed during machining.

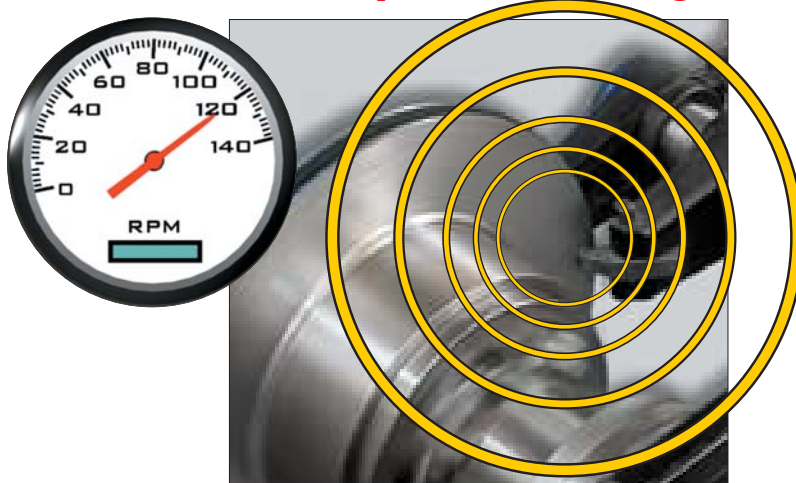


**Anti-Chatter
Technology**

Exclusive Anti-Chatter Technology Provides Superior Finish

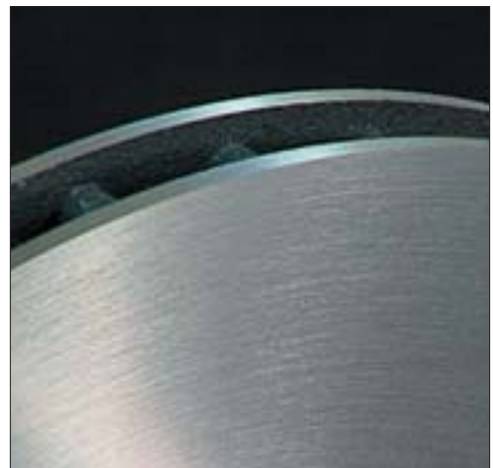
New Anti-Chatter Technology (ACT) feature oscillates the machining speed of the lathe and eliminates the buildup of vibration (chatter) that can occur when machining at a fixed speed. ACT provides a smoother finish that prevents pedal pulsation - the number one cause of brake service customer "comebacks".

Fixed-Speed Machining

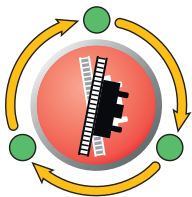


Fixed-speed lathes can “tune in” to the natural frequency of a rotor during machining, causing vibration (chatter) and a poor surface finish.

Variable Speed Machining



With the push of a button, ACT begins oscillating the spindle speed of the lathe, eliminating chatter and resulting in a smooth surface finish.



Pro-Comp® Computerized Compensation Speeds OCL400 Series Operations

With a push of a button and a simple single-point adjustment, the OCL410 and OCL430MD quickly compensate for lateral runout. Compensation is greatly simplified, no longer requiring time-consuming dial indicators or special tools. This ensures your brake service technician is machining the rotor within OEM specifications.

Service Each Rotor *in Less Than 9 Minutes!*



Step 1: Attach adaptor and lathe...



Step 2: Press button for computerized compensation and make a simple single-point adjustment...



Step 3: Adjust cut depth and machine rotor with on-the-fly optimum speed.

Service Complete!

Other Compensation Methods and Models

Manual Single-Point Compensation Model OCL360S

Compensation of the hub, adaptor and lathe is achieved with a single-point adjustment. The compensation process adjusting time is simplified and reduced.



Manual Three-Point Compensation Model OCL360

Manual three-point runout compensation is accomplished at the adaptor. The lathe is then attached and the rotor machined.



The ServoDrive™ System, Pro-Comp® Computerized Compensation and ACT Anti-Chatter Technology are not available on OCL360 and OCL360S models.

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