



VERSATILITY



SPEED



SPECIALTY

Speed: Ammco lathes allow you to work quickly and efficiently. Ergonomics are designed for minimal operator movement. Settings are clearly marked and our lathes provide outstanding precision finishes.

Accuracy: Ammco lathes are precision tools that cut to one-thousandth of an inch tolerances. And they maintain their accuracy year after year thanks to their rugged construction.

Durability: Forged, hardened and ground components resist grooving and wear. Massive "floating spindles" offer superior weight support during rotation and a unique oil-feed system supplies a constant flow of oil to the bearings. That's why Ammco brake lathes work like new even after decades of service.

Ease of Use: The ease of using Ammco lathes is legendary. Operators become proficient and productive with remarkable speed. We also manufacture a complete line of accessories so you can expand your coverage to handle virtually any vehicle through 1-ton trucks. For example, Ammco bench lathes will machine some flywheels using optional accessories.

Brake Lathe series

Ammco® brake lathes that were bought more than four decades ago are still in use today. You won't find faster, more accurate, more durable, or easier-to-use lathes anywhere.



Model 4000B

First Choice of Professionals for Over 50 Years

Since its initial introduction four decades ago, the Ammco Model 4000B has been a favorite of brake technicians everywhere. And for good reason. It's simple. It's fast. It's very precise. Plus its reliability and durability is legendary in the industry.

- Twin cutter tools and quick drum-to-rotor changeover.
- Adjustable spindle speeds (if desired) allow for quick rough cut/finish cut settings.
- Infinitely adjustable spindle-feed gear box.
- User-friendly ergonomics.
- Supports drums or rotors up to 100 lbs. using the standard one inch (25.4mm) arbor, or up to 200 lbs. using the optional 1-7/8 inch (47.63mm) arbor.

ACCESSORIES



"E" Kit

Ammco offers bench lathe adapter kits to fit a variety of needs. **(Important: You must order one adapter kit with any bench lathe model followed by a "B.")** Select the one that best fits your shop. Look for additional lathe accessories in our catalog or at www.ammcoats.com.

"A" Kit: Hub AND hubless adapters for most cars.

"B" Kit: Hub AND hubless adapters for most cars and light trucks through 1/2 ton.

"C" Kit: Hub AND hubless adapters for most cars and light trucks through 1 ton.

"D" Kit: Basic kit shipped if no other kit is specified.

"E" Kit: Same coverage as "C" with Double Chuck.



BRAKE LATHE SERIES

Model 4100B

For Wider Brake Assemblies

The Model 4100B has the same basic design and features of our best-selling Model 4000B, but it also offers additional spindle travel to 9-7/8 inches (250.83mm) and three resurfacing speeds.



- Ideal for medium-duty truck service.
- 3 speed operation for a quality finish in less time.
- With the optional outboard (part #5925) support, the Model 4100B will handle truck drums with wheels attached weighing up to 600 lbs.
- Our most versatile lathe.

Model 4000B-SP

Proven Performance, Legendary Reliability With One Pass Machining

The Ammco 4000B-SP brake lathe is more efficient because it integrates single speed spindle and feed rates for one pass precision finishes. The result is one of the most accurate, durable, and easy-to-use machines you could ever put in your shop. No one can offer you a more rugged lathe at such a competitive price.



- Cut rotors in one pass, with a high-quality finish.
- Positive rake tool bits allow for precision turning that produces superior machined surfaces every time.
- Work quickly and efficiently. Ergonomically designed for minimal operator movement.
- Twin cutter dials and depth of cut are clearly marked, and even new operators can quickly turn rotors like seasoned professionals.

Model 3860B

A Choice for Flexibility

The Model 3860B brake lathe is for shops that need speed, disc/drum versatility, and low maintenance operation.



- Negative rake toolbits for longer life.
- Chip guard system keeps metal shavings out of the precision operating mechanisms of the unit, preventing hang-ups and cutting maintenance.
- Designed for fast changeovers between drum and rotor setup.
- Ergonomics designed for operator efficiency, and training is a fast, simple process.

Model 7500B

A Fast Disc-Only Machine

The Model 7500B dramatically expands service capabilities for luxury, foreign, and late model cars.



- Quickly reconditions worn rotors to meet or exceed factory specs for surface finish, runout and thickness variation.
- Precision crafted depth-of-cut dials can be calibrated in both thousandths of an inch and tenths of a millimeter.
- Complements a drum lathe or combination lathe with extra high-speed capacity.
- Same basic design as our Model 4000B.

Model 800 OTV

The Verifiable On-The-Vehicle (OTV) Solution

The Model 800 OTV (On-The-Vehicle) Brake Lathe offers the perfect solution to correcting lateral run-out and thickness variation on vehicles that require rotors to be machined while still installed.



- Start to finish operation in about nine minutes.
- Lateral runout tolerance verified on every job.
- Heavy-duty cutting head withstands vibration and stands up to heavy shop use without losing precision.
- High torque, 3/4 HP motor provides power to handle 1 ton trucks and four wheel drive vehicles.
- Color coded controls allow technician to work more efficiently.
- Heavy-duty stand and telescoping cutting head for easy attachment.
- Onsite training included.



BRAKE LATHE SERIES

ACCESSORIES



Double chuck doesn't require change for truck work. #940921



A wide choice of silencer bands for every application.



Positive and negative rake bits provide the longest life.



Brake lathes and bench toolboxes provide professional work space and storage, plus easy access to the right adapter for the job.



Deluxe brake washer. "OSHA preferred method" for controlling brake dust. Features low pressure triple filtration system. Comes standard with air supply filter and coalescing filter to maximize pump life. (#1450)

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Part No. 941046 Rev.6 4/06

FEATURES to be compared	MODELS					
	4100B	4000B	4000B-SP	3860B	7500B	800 OTV
VOLUME: High	●	●	●		●	●
Medium				●		
DISC ONLY					●	●
HUB MOUNT						●
FLYWHEEL SERVICE CAPABILITY	●	●	●	●		
SPINDLE BEARINGS: Bronze Sleeve	●	●	●			●
Tapered Roller Bearings				●	●	
MOTOR SIZE: 1 Horsepower	●	●	●	●	●	
3/4 Horsepower						●
STANDARD TOOL BITS: Negative Rake Standard	●	●		●	●	
Positive Rake Standard			●			●
ARBOR TAPER: Double	●	●	●		●	n/a
Single				●		

SPECIFICATIONS

	4100B	4000B	4000B-SP	3860B	7500B	800 OTV
Max Rotor Diameter	19" [†]	14-1/2" [†]	14-1/2" [†]	21-1/2"	14-1/2" [†]	13-3/4"
Max Rotor Face Width	3-3/4"	3-3/4"	3-3/4"	3-3/4"	3-3/4"	3-3/4"
Max Rotor Thickness	4"	1-7/8"	1-7/8"	1-7/8"	1-7/8"	1-7/8"
Max. Arbor Capacity	A. 100 lbs. B. 200 lbs. C. 600 lbs.	A. 100 lbs. B. 200 lbs. N/A	N/A			
Spindle Speed	60, 80, 115 RPM	100, 200 RPM	100 RPM	175 RPM	100, 200 RPM	88 RPM
Drum Feed Rate	.002" to .020"/REV	.002" to .020"/REV	.005"/REV	.0026" to .020"/REV	N/A	N/A
Rotor Feed Rate	.002"/.010"/REV	.002"/.010"/REV	.002"/.010"/REV	.0013"/REV	.002"/.010"/REV	.004"/REV
Drum Depth	Up to 9-7/8"	Up to 6-7/8"	Up to 6-7/8"	Up to 6"	N/A	N/A
Max Drum Diameter	28"	28"		30"	N/A	N/A
Shipping Weight	480 lbs.	365 lbs.	385 lbs.	552 lbs.	367 lbs.	225 lbs.

[†] Optional crossfeed extension, part #906936 increases maximum rotor diameter capacity by up to 5 inches for models 4000, 4100 and 7500.

Specifications subject to change without notice. Units may not be exactly as pictured.



Customize a Lathe Package for Your Shop

If you're just starting out or need a completely new brake station, Ammco Brake Service Solutions can fill all of your needs. Select from a wide assortment of benches, lathes, micrometers, adapters and other helpful accessories. Ask your authorized Ammco Dealer for details and guidance.