



# Brake Lathes and Accessories



**BOSCH**

Invented for life

# Choose a Lathe



## BL 8922L

### Essential Features:

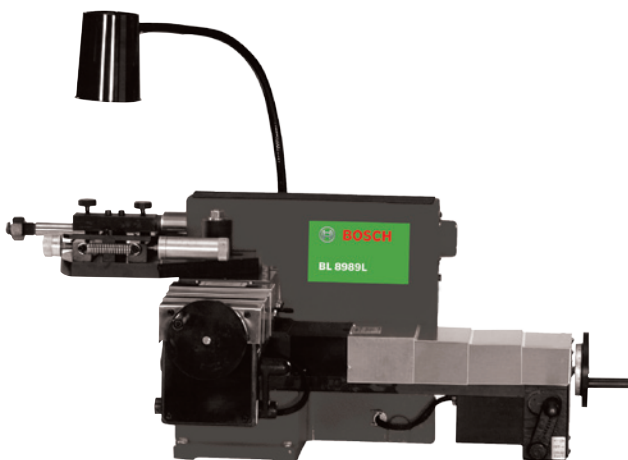
- ▶ Positive rake tooling yields 'one pass' finish with single cut every time
- ▶ Machines most drums, flywheels, and all types of rotors including cross drilled and slotted
- ▶ True machine shop design utilizing dovetail ways and adjustable gibbs
- ▶ Tapered roller bearing supported spindle designed for maximum longevity
- ▶ Tested and approved for machining rotors to O.E. high standards and specifications



## BL 8944L

### Essential Features:

- ▶ Machines the most drums, flywheels, and all types of rotors including cross drilled and slotted
- ▶ 3 available arbor speeds; 100, 150, 200
- ▶ Increased arbor speed for machining times as low as 4 minutes
- ▶ True machine shop design utilizing dovetail ways and adjustable gibbs
- ▶ Tapered roller bearing supported spindle



## BL 8989L

### Essential Features:

- ▶ Full 10" drum facing width
- ▶ 2 arbor speeds; 52 and 105 for safe truck machining
- ▶ Positive rake tooling yields 'one pass' finish cut every time
- ▶ True machine shop design utilizing dovetail ways and adjustable gibbs
- ▶ Oversized tapered roller bearing supported spindle designed for maximum longevity
- ▶ Includes #8010 bronze adapter group standard
- ▶ Shops available with oversized extended arbor and outboard support increasing the lathe capacity to 600 lbs for rear drum/tire assemblies

# Choose a Bench

## Standard Bench



## Economy Bench



# Choose Your Tooling



**Standard Tools** (Not included with BL 8922L or BL 8944L models)



**Silver Adapter Group #8020**  
for Passenger Cars, Light Trucks



**Bronze Adapter Group #8010**  
for Passenger Cars, Light Trucks



**Gold Adapter Group #8030**  
for Passenger Cars, Light  
through 1/2 Ton Truck



**Platinum Adapter Group #8040**  
for Passenger Cars, Composite  
Rotors, and Light Trucks through 1  
Ton Trucks

# Accessories



## Standard Tools (Included with all models)

433701	Arbor 1" (25 mm)	433764	Left Hand Tool Holder
433713	Arbor Nut	433782	Drum Silencer
433702	Drawbar	433774	Spacer, Twin Cutter
436410	Wrench, 1½"	433172	Boring Bar Assembly
434559	Wrench, 7/8" (22 mm)	433715	Washers (not pictured)
434558	Wrench, 3/8" (10 mm)	433633	T-Bolt
433750	Twin cutter Assembly with	4B4280	Washer (Qty 2)
433796	Carbide Inserts, 10 pack	433617	Nut (Qty 2)



## Bronze Adapter Group #8010 for Passenger Cars, Light Trucks

433703	Bell Clamp; 5.56" (Qty 2)	433711	Double Taper; 2.44"-2.85"
433704	Bell Clamp; 4.06" (Qty 2)	433710	Double Taper; 2.075"-2.45"
433707	Centering Cone; 3"-4"	433709	Double Taper; 1.7"-2.08"
433706	Centering Cone; 2.25"-3.25"	433708	Double Taper; 1.31"-1.71"
433705	Centering Cone; 1.5"-2.5"	433963	Double Taper; 1.25"-1.65"
433712	Spacer; 1"	433785	Silencer, Rotor Vented, Large
433716	Spring	433789	Silencer, Non-vented, Small



## Silver Adapter Group #8020 for Passenger Cars, Light Trucks

#8011 Automotive Kit Includes:		460592	Arbor Spring; 1.92" x 1.00"
460572	Flange Plate; 4.80"	Silencers Includes:	
460573	Reversible Center Cone; 2.00"-3.98"	438190	Spring Silencer Band
460574	Arbor Spacer; 2.00" (Qty 2)	438195	Chain Silencer Band
460575	Automotive Composite Flange Plate;	434296	Clip-On Silencer
5.43"		Double Taper Adapters Includes:	
460579	Automotive Cone; 1.84"-2.20"	433711	Double Taper; 2.44"-2.85"
460580	Automotive Cone; 2.12"-2.47"	433710	Double Taper; 2.075"-2.45"
460581	Automotive Cone; 2.37"-2.75"	433709	Double Taper; 1.7"-2.08"
460582	Automotive Cone; 2.65"-3.00"	433708	Double Taper; 1.31"-1.71"
460583	Automotive Cone; 2.92"-3.30"	433963	Double Taper; 1.25"-1.65"



**Gold Adapter Group #8030** for Passenger Cars, Light through 1/2 Ton Truck

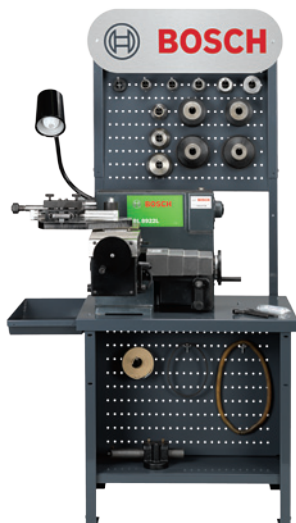
#8011 Automotive Kit Includes:		460584	Light Truck Centering Cone;
460572	Flange Plate; 4.80"		3.20"-3.57"
460573	Reversible Center Cone; 2.00"-3.98"	460585	Light Truck Centering Cone;
460574	Arbor Spacer; 2.00" (Qty 2)		3.47"-3.85"
460575	Automotive Composite Flange Plate;	Silencers Includes:	
	5.43"	438190	Spring Silencer Band
460579	Automotive Cone; 1.84"-2.20"	438195	Chain Silencer Band
460580	Automotive Cone; 2.12"-2.47"	434296	Clip-On Silencer
460581	Automotive Cone; 2.37"-2.75"	Double Taper Adapters Includes:	
460582	Automotive Cone; 2.65"-3.00"	433711	Double Taper; 2.44"-2.85"
46058	Automotive Cone; 2.92"-3.30"	433710	Double Taper; 2.075"-2.45"
460592	Arbor Spring; 1.92" x 1.00"	433709	Double Taper; 1.7"-2.08"
#8012 Light Truck Kit Includes:		433708	Double Taper; 1.31"-1.71"
460578	Light Truck Composite Plate; 7.25"	433963	Double Taper; 1.25"-1.65"



**Platinum Adapter Group #8040** for Passenger Cars, Composite Rotors, and Light Trucks through 1 Ton Trucks

#8011 Automotive Kit Includes:		460588	Light Truck Centering Cone;
460572	Flange Plate; 4.80"		4.30"-4.67"
460573	Reversible Center Cone; 2.00"-3.98"	460589	Light Truck Centering Cone;
460574	Arbor Spacer; 2.00" (Qty 2)		4.57"-4.95"
460575	Automotive Composite Flange Plate;	460590	Light Truck Centering Cone;
	5.43"		4.85"-5.22"
460579	Automotive Cone; 1.84"-2.20"	460591	Light Truck Centering Cone;
460580	Automotive Cone; 2.12"-2.47"		5.12"-5.50"
460581	Automotive Cone; 2.37"-2.75"	434295 Truck Double Taper Set Includes:	
460582	Automotive Cone; 2.65"-3.00"	434289	Truck Double Taper;
460583	Automotive Cone; 2.92"-3.30"		2.840"-3.195"
460592	Arbor Spring; 1.92" x 1.00"	434290	Truck Double Taper;
#8012 Light Truck Kit Includes:			3.190"-3.560"
460578	Light Truck Composite Plate; 7.25"	Silencers Includes:	
460584	Light Truck Centering Cone;	438190	Spring Silencer Band
	3.20"-3.57"	438195	Chain Silencer Band
460585	Light Truck Centering Cone;	434296	Clip-On Silencer
	3.47"-3.85"	434650	Heavy Drum Silencer Band
			(not pictured)
#8013 Larger Light Truck Kit Includes:		Double Taper Adapters Includes:	
460576	Large Light Truck Flange Plate; 7.25"	433711	Double Taper; 2.44"-2.85"
460577	Large Light Truck Flange Plate; 6.50"	433710	Double Taper; 2.075"-2.45"
460586	Light Truck Centering Cone;	433709	Double Taper; 1.7"-2.08"
	3.75"-4.12"	433708	Double Taper; 1.31"-1.71"
460587	Light Truck Centering Cone;	433963	Double Taper; 1.25"-1.65"
	4.03"-4.40"		

# Complete Brake Shops

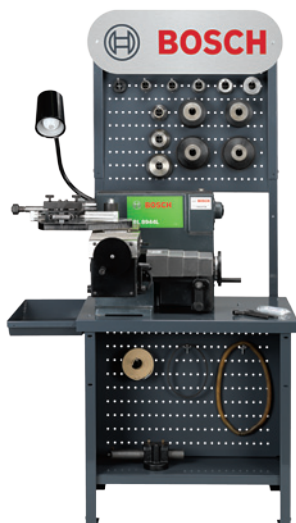


## BL 8922L

This brake lathe requires the purchase of an adapter group. Choose from 8010, 8020, 8030 or 8040.

F00E900217 BL 8922L Combination Brake Lathe

BL 8922L Brake Shop Available:  
8010 Bronze Adapter Group  
8939G Deluxe Bench  
040100 Accessory Package  
436054 Truck Set  
434295 Double Taper Radius Cone Set  
434060 Rotor Micrometer  
434287 Drum Wear Gauge

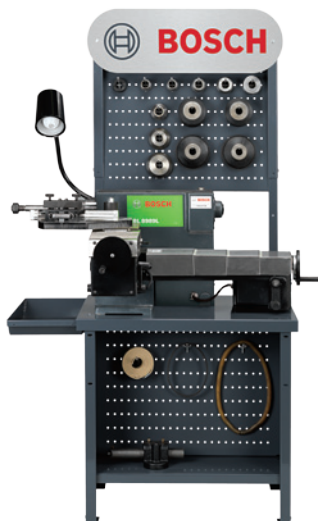


## BL 8944L

This brake lathe requires the purchase of an adapter group. Choose from 8010, 8020, 8030 or 8040.

F00E900218 BL 8944L Multi-Speed Brake Lathe

BL 8944L Brake Shop Available:  
8010 Bronze Adapter Group  
8939G Deluxe Bench  
040100 Accessory Package  
436054 Truck Set  
434295 Double Taper Radius Cone Set  
434060 Rotor Micrometer  
434287 Drum Wear Gauge



## BL 8989L

F00E900219 BL 8989 Heavy Duty Combination Brake Lathe

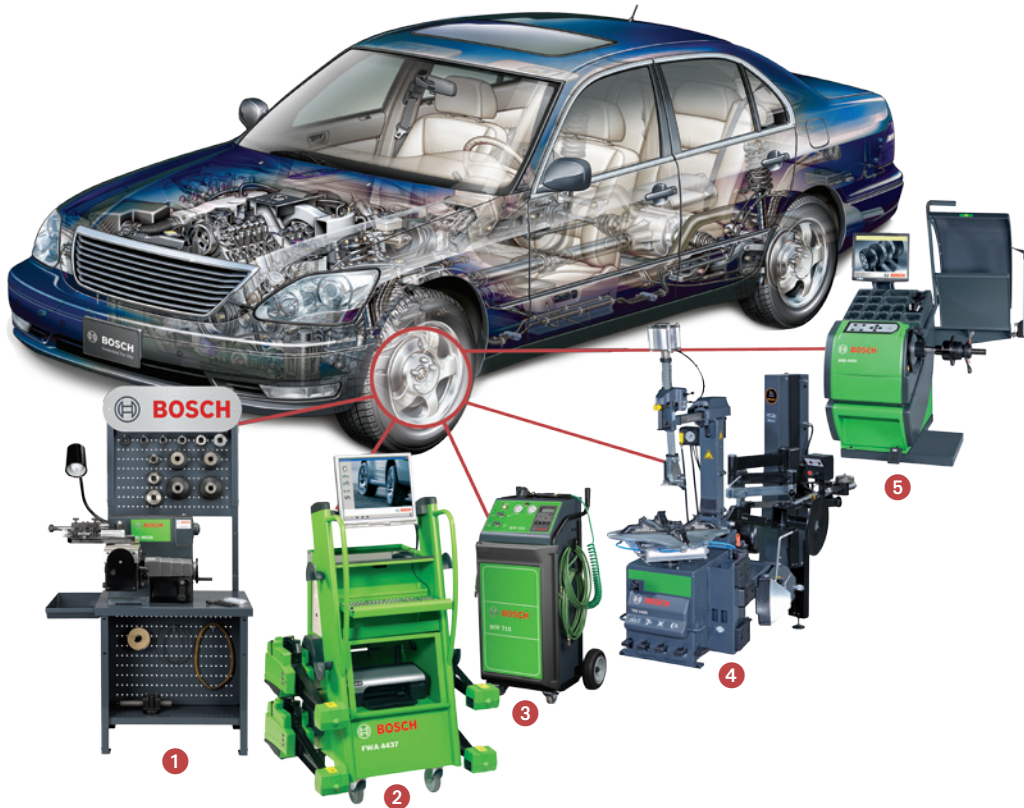
BL 8989 Brake Shop Available:  
8939G Heavy-Duty Combination Brake Lathe  
040100 Deluxe Bench w/Background  
434060 Accessory Package  
436367 Micrometer, Disc Rotor  
434465 Drum Wear Gauge  
434466 Heavy-Duty Adapter Set  
434469 1 7/8" Arbor w/Outboard Support Assembly  
434472 Heavy-Duty Boring Bar Assembly  
434661 Step-Down Adapter Set, 1 7/8" to 1"  
434661 Double Taper Radius Cone Set, 1 7/8"

# Specifications

Specifications	BL 8922L	BL 8944L	BL 8989 L
<b>Power Requirements</b>	115 V 50/60 Hz 220 V, 1 Phase Opt.	115 V, 50/60 Hz 220 V, 1 Phase Opt.	115 V, 50/60 Hz 220 V, 1 Phase Opt.
<b>Rotor</b>			
Capacity	4"-24" (102-610 mm)	4"-24" (102-610 mm)	4"-24" (102-610 mm)
Maximum Width of Surface	4.5" (114 mm)	4.5" (114 mm)	4.5" (114 mm)
Maximum Thickness	2.25" (57 mm)	2.25" (57 mm)	2.25" (57 mm)
<b>Drum</b>			
Capacity	6"-28" (152-711 mm)	6"-28" (152-711 mm)	6"-24" (152-610 mm)
Depth of Cut	6" (152 mm)	6" (152 mm)	10" (254 mm)
<b>Flywheel (Flat or Stepped)</b>			
Capacity	6"-24" (152-610 mm)	6"-24" (152-610 mm)	6"-24" (152-610 mm)
Friction Surface Capacity	6" (152 mm)	6" (152 mm)	6" (152 mm)
<b>Drum/Rotor/Flywheel Max. Weight</b>			
On Standard Arbor	150 lbs (68 kg)	150 lbs (68 kg)	150 lbs (68 kg)
On Heavy Duty Arbor	300 lbs (136 kg)	300 lbs (136 kg)	300 lbs (136 kg)
On Heavy Duty Arbor w/Outboard Support	N/A	N/A	600 lbs (273 kg)
<b>Spindle Speed</b>	105 rpm	100-150-200 rpm	52-105 rpm
<b>Feeds Per Revolution</b>			
Rotor	0.0030" (0.077 mm)	0.001"-0.010"	0.0030" (0.077 mm)
Drum	0.0046" (0.117 mm)	0.0015"-0.015" (0.039 mm-0.381 mm)	0.0046"-0.0092" (0.117 mm-0.234 mm)
<b>Motor</b>	1 HP (0.700 kW)	1 HP (0.700 kW)	1 HP (0.700 kW)
<b>Weight</b>			
Net	474 lbs (215 kg)	500 lbs (227 kg)	525 lbs (238 kg)
Shipping Gross	560 lbs (255 kg)	560 lb. (255 kg)	560 lbs (255 kg)

## Bosch Wheel Service Equipment

Bosch offers a complete line of high quality wheel service equipment designed to increase repair shop efficiency, and maximize profitability. Bosch also provides an array of undercar and underhood diagnostic and test equipment and software. To learn more, visit [www.boschdiagnostics.com](http://www.boschdiagnostics.com). To place an order, contact customer service at **1-800-551-2228**.



### 1 Brake Lathe Equipment

- ▶ BL 8944L
- ▶ BL 8922L
- ▶ BL 8989 Heavy Duty

### 2 Wheel Alignment Equipment

- ▶ FWA 4630 Easy 3D
- ▶ FWA 4437 8R CCD
- ▶ FWA 4332 6R CCD
- ▶ FWA 4310 6C CCD

### 3 NTF 715 Nitrogen Tire Filling System

### 4 Tire Changing Equipment

- ▶ TCE 4225
- ▶ TCE 4230 SFA
- ▶ TCE 4230
- ▶ TCE 4335 THP
- ▶ TCE 4335
- ▶ TCE 4465 THP
- ▶ TCE 4465 THPL
- ▶ TCE 4540

### 5 Wheel Balancing Equipment

- ▶ WBE 4110
- ▶ WBE 4140
- ▶ WBE 4230
- ▶ WBE 4430
- ▶ WBE 4510

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