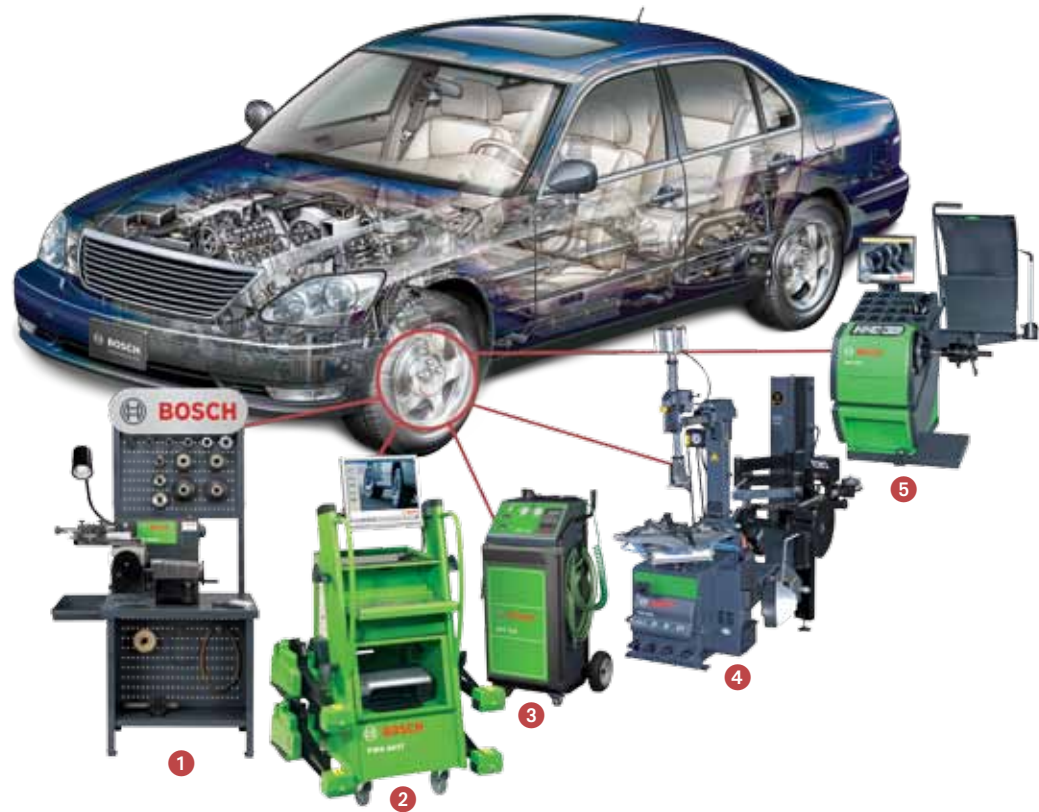


Bosch Wheel Service Equipment

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. 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



Robert Bosch LLC
2800 South 25th Avenue
Broadview, IL 60155-4594
800-551-2228
www.boschdiagnostics.com



Brake Lathes
and Accessories

Choose a Lathe

Choose a Bench

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

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)



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;	3.47"–3.85"
460574	Arbor Spacer; 2.00" (Qty 2)	Silencers Includes:		
460575	Automotive Composite Flange Plate; 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"	



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



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



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; 5.43"	434296	Clip-On Silencer	
460579	Automotive Cone; 1.84"–2.20"	Double Taper Adapters Includes:		
460580	Automotive Cone; 2.12"–2.47"	433711	Double Taper; 2.44"–2.85"	
460581	Automotive Cone; 2.37"–2.75"	433710	Double Taper; 2.075"–2.45"	
460582	Automotive Cone; 2.65"–3.00"	433709	Double Taper; 1.7"–2.08"	
460583	Automotive Cone; 2.92"–3.30"	433708	Double Taper; 1.31"–1.71"	
		433963	Double Taper; 1.25"–1.65"	

Complete Brake Shops

Specifications



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
- 8010
- 8939G
- 040100
- 436054
- 434295
- 434060
- 434287
- BL 8991 Brake Shop Available:
- Brake Lathe
- Bronze Adapter Group
- Deluxe Bench
- Accessory Package
- Truck Set
- Double Taper Radius Cone Set
- Rotor Micrometer
- 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
- 8010
- 8939G
- 040100
- 436054
- 434295
- 434060
- 434287
- BL 8993 Brake Shop Available:
- Brake Lathe
- Bronze Adapter Group
- Deluxe Bench
- Accessory Package
- Truck Set
- Double Taper Radius Cone Set
- Rotor Micrometer
- Drum Wear Gauge



BL 8989L

F00E900219 BL 8989 Heavy Duty Combination Brake Lathe

- BL 8989
- 8939G
- 040100
- 434060
- 436367
- 434465
- 434466
- 434469
- 434472
- 434661
- BL 8995 Brake Shop Available:
- Heavy-Duty Combination Brake Lathe
- Deluxe Bench w/Background
- Accessory Package
- Micrometer, Disc Rotor
- Drum Wear Gauge
- Heavy-Duty Adapter Set
- 1½" Arbor w/Outboard Support Assembly
- Heavy-Duty Boring Bar Assembly
- Step-Down Adapter Set, 1½" to 1"
- Double Taper Radius Cone Set, 1½"

Specifications	BL 8922L	BL 8944L	BL 8989 L
Power Requirements	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.
Rotor			
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)
Drum			
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)
Flywheel (Flat or Stepped)			
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)
Drum/Rotor/Flywheel Max. Weight			
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)
Spindle Speed	105 rpm	100-150-200 rpm	52-105 rpm
Feeds Per Revolution			
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)
Motor	1 HP (0.700 kW)	1 HP (0.700 kW)	1 HP (0.700 kW)
Weight			
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)