

BL8993 Brake Shop

High Performance Multi-Speed Combination Machining Center
(BL8944 Lathe + Bench + Accessories) F00E900233



BOSCH

Invented for life



Bosch Brake Lathes Faster. Better. Stronger.

Product Summary:

- ▶ Multi-speed brake shop (lathe+bench+adaptors)
- ▶ Great value with included accessories
- ▶ Machine shop construction
- ▶ Best in class positive rake OEM quality finish
- ▶ World class performance
- ▶ Built to last

Features/Benefits:

- ▶ Super Value One Stop Shopping!
- ▶ Multi-Speed Arbor
 - Maximize your efficiency!
 - Three speeds to choose from (100, 150, and 200 RPM)
- ▶ Positive Rake One Pass Finishing
 - One time setup saves time!
 - Meets OEM specs without non-directional finish!
- ▶ Best in Class Muscle Mass
 - 470 lbs solid casting
 - More Mass = Less Vibration Transmission = Smoother Cuts
- ▶ External Motor Assembly Isolates Vibration
 - Less Motor Vibration = Smoother Cuts
- ▶ Huge Dovetail Way and Gibb design to Support Tool Motion
 - Larger Dovetails = Increased Rigidity = Smoother Cuts
- ▶ Tapered Roller Bearing Arbor Supports
 - Tapered Bearings = Zero Slop = Smoother Cuts
 - Machine cross drilled and slotted rotors with ease!

Features



Built to last – Machine shop quality dovetail way and adjustable gibb design



Saves time – Quick change cutting assembly with positive rake tooling for a superior finish in a single pass



Engineered for performance – Massive solid lathe housing that reduces vibration for a smoother finish



Includes:

433701: 1" Arbor
433713: Arbor nut
433702: Drawbar
436410: 1 ½" Wrench
434559: 7/8" Wrench
434558: 3/8" Wrench
433750: Twin cutter assembly
433796: 10 pack of carbide inserts
433764: Left hand tool holder
433782: Drum silencer
433774: Twin cutter spacer
433172: 1" Boring bar assembly
433633: T-slot bolt
4B4280: Washer (2)
433617: Heavy Hex Nut (2)
8010: Bronze adaptor group
F00E900987: Standard Bench
040200: Standard car and light truck accessory package

Specifications:

- ▶ Rotor Capacity: 4"-24"
- ▶ Max Rotor Width: 4.5"
- ▶ Max Rotor Thickness: 2.25"
- ▶ Drum Capacity: 6"-28"
- ▶ Drum Depth of Cut: 6"
- ▶ Flywheel Capacity: 6"-24"
- ▶ Flywheel Friction Surface Capacity: 6"
- ▶ Max Weight: 150 lbs
- ▶ Spindle Speed: 100, 150, 200 RPM
- ▶ Rotor Feeds Per Revolution: 0.0030"
- ▶ Drum Feeds Per Revolution: 0.0046"
- ▶ Power: 115 V 50/60 Hz (220 V 1 Phase Option)
- ▶ Motor: 1 HP
- ▶ Weight: 500 lbs
- ▶ Superior warranty (1 yr. parts/6 mo. labor)

Optional Accessories:

436054: Light and medium truck set
436053: Bell Clamp (6.88" OD) (Part of 436054)
434141: Centering Cone 4.00"-5.063" (Part of 436054)
436052: Centering Cone 4.5"-5.563" (Part of 436054)
436057: Small drum / Flywheel / Hubless rotor adaptor set
434292: 1-A Centering cone set 1.250"-1.750" (Part of 436057)
434776: Bell Clamp 3.25" (Part of 436057)
434295: Truck double taper radius cone set for 1" arbor and brush
434289: Truck double taper adaptor #5 (2.840"-3.195") (Part of 434295)
434290: Truck double taper adaptor #6 (3.190"-3.560") (Part of 434295)
438020: Dust Containment Unit
535635: Universal Hubless Rotor Adaptor Set
535622: Hub base (Part of 535635)
535623: Taper cone (Part of 535635)
535624: Spacer (Part of 535635)
535625: Nut (Part of 535635)
535621: Wrench (Part of 535635)
434775: Small hole flywheel adaptor
434472: Step down adaptor set for 1" arbor (Set of 3 535641)
535641: Step down adaptor for 1" arbor
438125: F150 Truck adaptor
434060: Disc brake rotor micrometer

436229: Digital rotor gauge
436230: Digital drum gauge
434287: Passenger car drum wear limit gauge (8"-14")
436367: Passenger car and truck limit gauge (6"-22")
433179: Non-directional rotor finisher
436272: Twin cutter extension knob
433764: Standard left hand tool holder
433763: Standard right hand tool holder
433779: Standard short right hand tool holder
434286: Standard straight tool holder
434283: Optional brazed left hand tool holder
434059: Optional brazed right hand tool holder
434063: Optional brazed heavy duty right hand tool holder
434057: Optional curved left hand tool holder
434056: Optional curved right hand tool holder
433795: Carbide inserts and screws (5 pack)
433796: Carbide inserts and screws (10 pack)
434296: Clip-op silencer
438195: Chain silencer
438190: Spring silencer
434061: Non-vented large rotor and flywheel silencer
433789: Non-vented small rotor silencer
433782: 1.500" width passenger car drum silencer
434650: 2.75" width heavy duty drum silencer
434470: Small vented rotor silencer
433785: Large vented rotor silencer
434469: 2" boring bar and boring bar holder assembly
434656: 2" boring bar (Part of 434469)
434657: 2" boring bar holder (Part of 434469)
434465: Heavy duty adaptor set
434649: Heavy duty large bell clamp (9.75" O.D.)
434648: Heavy duty medium bell clamp (6.25" O.D.)
434641: Heavy duty centering cone (3.063"-4.250")
434643: heavy duty centering cone (2.188"-3.375")
434640: Heavy duty centering cone (4.188"-5.000")
434639: Heavy duty centering cone (4.188"-5.375")
434644: heavy duty centering cone (5.313"-6.500")
434638: Heavy duty centering cone (6.438"-7.625")
434637: Heavy duty centering cone (7.563"-8.750")
434645: 3" spacer
434646: 2" spacer
434647: 1" spacer
434650: Heavy duty drum silencer
434651: Arbor spring
040100: Accessory package for passenger cars
436280: Heavy duty 3 jaw chuck
434055: 1 7/8" Heavy duty arbor set
434655: 1 7/8" Arbor (Part of 434055)
434653: Arbor nut (Part of 434055)
434654: Nut wrench (Part of 434055)
434661: Truck double taper radius cone set for heavy duty arbor
434659: Small double taper truck adaptor (2.840"-3.195")
434660: Large double taper truck adaptor (3.190"-3.560")
F00E901139: Three jaw lite chuck adaptor group 8050
F00E900846: Dual lite chuck kit
F00E900848: Three jaw chuck small backing plate
F00E900849: Three jaw chuck medium backing plate
F00E900850: Three jaw chuck large backing plate
F00E900851: Three jaw chuck Toyota backing plate
433963: Extra small double taper adaptor
433708: Small double taper adaptor
433709: Medium double taper adaptor
433710: Large double taper adaptor
433711: Extra large double taper adaptor
F00E900847: Three jaw lite chuck kit (single sided chuck w/ 1 plate)
F00E900852: Three jaw chuck truck jaws (Set of 3)