



VELVET-TURN™ BRAKE LATHE

BRAKE LATHE KEY FEATURES/BENEFITS

- Positive rake one pass finishing to get the job done right the first time every time
- Machines drums, flywheels, and all types of rotors including cross drilled and slotted
- Best in class "Muscle Mass" construction with a solid metal casting that eats up finish damaging vibrations
- External motor isolates the vibration from the cutting which results in a smooth cut
- Machine shop quality dovetail way and gibb construction, designed for years of smooth cuts
- Tapered roller bearing spindle supports eliminate play in the spindle for consistently smooth cuts
- BL 8944L Includes a multi-speed arbor as well as adjustable rotor and drum feed speeds for ultimate flexibility and control

INCLUDED STANDARD TOOLS

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|--------|---|
| 433701 | Arbor, 1" (25mm) |
| 433713 | Arbor Nut |
| 433702 | Drawbar |
| 436410 | Wrench, 1-1/2" |
| 434559 | Wrench, 7/8" (22mm) |
| 434558 | Wrench, 3/8" (10mm) |
| 433750 | Twin Cutter Assembly with Right Hand Tool Holder (433763) and Straight Tool Holder (433286) |
| 433796 | Carbide Inserts, 10pk |
| 433764 | Left Hand Tool Holder |
| 433782 | Drum Silencer |
| 433774 | Spacer, Twin Cutter |
| 433172 | Boring Bar Assembly with Short Tool Holder (433779) |
| 433715 | Washers |
| 433633 | T-Bolt |
| 4B4280 | Washer (Qty 2) |
| 433617 | Nut (Qty 2) |



SPECIFICATIONS



PART NUMBER	VBL8922L	VBL8944L
Reference Part Number	F00E9002177HH	F00E900218
Single Or Multi-Speed	Single Speed	Multi-Speed
Rotor Capacity	4"-24" (102 mm – 610 mm)	4"-24" (102 mm – 610 mm)
Rotor Max Width Of Surface	4.5" (114 mm)	4.5" (114 mm)
Rotor Max Thickness	2.25" (57 mm)	2.25" (57 mm)
Drum Capacity	6"-28" (152 mm – 711 mm)	6"-28" (152 mm – 711 mm)
Drum Max Depth Of Cut	6" (152 mm)	6" (152 mm)
Flywheel Capacity	6"-24" (152 mm – 610 mm)	6"-24" (152 mm – 610 mm)
Flywheel Friction Surface Capacity	6" (152 mm)	6" (152 mm)
Drum/Rotor/Flywheel Max Weight (Standard Arbor)	150 LBS (68 kg)	150 LBS (68 kg)
Drum/Rotor/Flywheel Max Weight (Optional 1-7/8" Heavy Duty Arbor Set #434055)	300 lbs (136 kg)	300 lbs (136 kg)
spindle Speed	105 RPM	105-150-200 RPM
Rotor Feeds Per Revolution	0.0030" (0.077 mm)	0.001"—0.010" (0.025 mm – 0.254 mm)
Drum Feeds Per Revolution	0.0046" (0.117 mm)	0.0015"—0.015" (0.039 mm – 0.381 mm)
Motor	1 HP (0.7 kW)	1 HP (0.7 kW)
Weight	474 lbs (215 kg)	500 lbs (227 kg)
Includes Bench	NO	NO
Includes #8010 Adaptor Group	NO	NO
Velvet-Turn Extended Warranty*	YES	YES



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APPLICATION CONSIDERATIONS

The proper selection and application of power transmission products and components, including the related area of product safety, is the responsibility of the customer. Operating and performance requirements and potential associated issues will vary appreciably depending upon the use and application of such products and components. The scope of the technical and application information included in this publication is necessarily limited. Unusual operating environments and conditions, lubrication requirements, loading supports, and other factors can materially affect the application and operating results of the products and components and the customer should carefully review its requirements. Any technical advice or review furnished by Regal Beloit America, Inc. and/or its affiliates ("Regal") with respect to the use of products and components is given in good faith and without charge, and Regal assumes no obligation or liability for the advice given, or results obtained, all such advice and review being given and accepted at customer's risk.

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