

BG Series

Belt Grinders

The BG-Series Wet/Dry Belt Grinders from LECO are available in both single and dual belt models and are engineered for durability, safety, and convenience.



BG32

Electric Drive

Heavy-duty 1 hp (0.75 kW) motor provides you with superior spectrographic and metallographic sample preparation.

Improved Belt-Tension and Cleaning

The BG30 and BG32 both feature an enclosed belt tension mechanism that effectively eliminates belt slippage and improves drain flow. Debris removal is facilitated by means of a convenient clean-out access area, and clogging is minimized as a result of improved water flow to the belt.

Safety

Safety guards on either side of the grinding area to maximize operator safety.

Durability

The BG Series is built to last with high-quality components and corrosion-resistant aluminum on all external surfaces.

Wet or Dry Grinding

The LECO BG30 and BG32 can be purchased individually or combined with the redesigned front-load support stand and either the 20-gallon stainless steel recirculating system or the dust collector/stand.



BG30



BG30 on support stand



BG32 on dust collector

Specifications

Electrical Power Requirements (all models)	115 V~ ($\pm 10\%$), 50/60 Hz, 12.8/12 A or 230 V~ ($\pm 10\%$), 50/60 Hz, 6.4/6 A
Motor (all models)	1 hp (0.75 kW); 1425 rpm at 50 Hz; 1725 rpm at 60 Hz
Surface Speed	2083 sfm at 50 Hz, 2500 sfm at 60 Hz
Belt Size	4 in x 36 in (102 mm x 914 mm)

BG30

Dimensions	14 in H x 23 in W x 28 in D (356 mm H x 585 mm W x 711 mm D)
Weight	~130 lb (58.5 kg)

BG32

Dimensions	14 in H x 28.5 in W x 28 in D (356 mm H x 724 mm W x 711 mm D)
Weight	~185 lb (85 kg)

Stand

Dimensions	30.25 in H x 31.5 in W x 36 in D (768 mm H x 800 mm W x 914 mm D)
Weight	~265 lb (119 kg)

Recirculator

Electrical Power Requirements	
Model 822-000-000	115 V~ ($\pm 10\%$), 50/60 Hz, 1 phase
Model 822-000-100	230 V~ ($\pm 10\%$), 50/60 Hz, 1 phase
Motor	1/55 hp
Dimensions	19.25 in H x 15.675 in W x 29 in D (489 mm H x 398 mm W x 737 mm D)
Weight	~80 lb (36 kg)

Dust Collector

Electrical Power Requirements	
Models 808-065G (BG30)	115 V~ ($\pm 10\%$), 50/60 Hz, 1 phase
Models 808-066G (BG30)	230 V~ ($\pm 10\%$), 50/60 Hz, 1 phase
Models 808-071G (BG32)	115 V~ ($\pm 10\%$), 50/60 Hz, 1 phase
Models 808-072G (BG32)	230 V~ ($\pm 10\%$), 50/60 Hz, 1 phase
Motor	1/2 hp
Filter Size (three required)	15 in x 20 in x 3 in (381 mm x 508 mm x 76 mm)
Dimensions	32 in H x 27.5 in W x 27.5 in D (813 mm H x 698 mm W x 698 mm D)
Weight	~170 lb (77 kg)

Part Numbers

BG-30RCD	115 V~ Package for wet grinding
BG-30DCD	115 V~ Package for dry grinding
BG-30RCI	230 V~ Package for wet grinding
BG-30DCI	230 V~ Package for dry grinding
BG-32RCD	115 V~ Package for wet grinding
BG-32DCD	115 V~ Package for dry grinding
BG-32RCI	230 V~ Package for wet grinding
BG-32DCI	230 V~ Package for dry grinding
808-950G	Stand

NOTE: Packages include grinder, stand, recirculator (wet) or dust collector (dry).

Specifications and part numbers may change.
Consult LECO for latest information.

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