



BEL Series Dust Collector

High-efficiency indoor/enclosurless dust collector for heavy-duty industrial use with capacities ranging from 2500 to 5000 CFM.



YOUR SHOP IS UNIQUE. CONFIGURE THE BEL SERIES TO MATCH YOUR EXACT NEEDS.

Discover the BEL Series by Belfab, the ultimate choice for dust collection. Ranging from 5 HP to 20 HP, it offers high efficiency and a full range of features. Designed in compliance with NFPA. Optimized for maximum performance, it includes dust disposal options that are engineered to minimize downtime. Ideal for wood dust, the BEL Series limits airborne particles, ensuring safety and a clean workspace. Trust Belfab for superior dust collection and a healthier work environment!



BEL 50XL
or
BEL 75XL



BEL 100XL



BEL 150XL



BEL 200XL



BEL series features

- Configurable Design**

The BEL Series offers four filter sizes with flexible blower configurations (5-20 HP) and two height options (standard and XL) to fit various environments, complying to NFPA standards.

- Various Dust Disposal Options**

Choose from disposable bags, durable steel drums for heavy-duty applications, or easy-to-maneuver tilt trucks for quick and efficient dust disposal in larger facilities.

- Quiet & High Efficiency**

Our quiet Hummer blower, available from 10 to 20 HP. Our units are built with 14-gauge steel for durability and quiet operation. High-efficiency bean bag filters capture 99.99% of particles at 3.8 microns.



Only available for BEL 150 and BEL 200 models.

Dust Disposal Options

Disposable Bags, Steel Drums or Tilt Trucks. You choose!

Versatile dust disposal options, including our standard heavy-duty 6 MIL polyethylene bags, or our optional steel drums, patented tilt trucks, and our 360-gallon container improving waste management and minimizing downtime.



360 Gal. Dump Bin

Optimized Handling

The container lid easily unlatches with a single-action lever and lifts out of the way. The 360 Gal. Dump Bin wheels out of the way from the front of the unit, keeping it's footprint compact. It self-aligns under the dust collector for seamless operation.

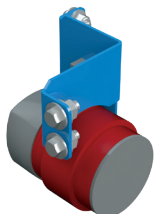
Large Capacity

With a large 360 gallon capacity, it reduces downtime for emptying. Constructed from heavy-gauge steel, it provides exceptional durability. **ONE TRIP TO THE DUMPSTER.**

Effortless Dumping

Designed for forklift use, the operator easily unlatches the dust over a dumpster. The bottom latch opens for quick dust release and re-latches automatically when placed back on the ground, ensuring a hassle-free operation.

Options & Accessories



Automatic Shaker

The optional automatic shaker comes with an interlocked control panel which activates the shaker when the blower is shut off. Making it fully NFPA compliant.

Designed for fine dust, it increases efficiency by cleaning filters to minimize pressure loss from dirty filters, ensuring optimal performance and prolonged filter life.





BEL Series Technical Specifications

BEL XL Height Specifications (130" tall)	BEL Model	50XL	75XL	100XL	150XL	200XL
	Filtration surface (sqft)	214	214	321	487	641
	Filter type dimensions (in)	Beane Seamless Tube (Ø8 x 66)				
	Cleaning	Self Cleaning or Automatic Shaker (Optional)				
	Dust disposal options	Disposable Bags, Drums, Tilt Trucks, or 360 Gal. Dump Bin (available on the BEL 150 and BEL 200)				
	Dimensions* (W x D X H) (in)	62 x 49 x 130	64 x 49 x 130	94 x 49 x 130	119 x 49 x 130	142 x 49 x 130
	Module weight (lbs)	250	250	295	410	505

BEL Standard Height Specifications (109" tall)	BEL Model	50	75	100	150	200
	Filtration surface (sqft)	150	150	224	340	448
	Filter type dimensions (in)	Beane Seamless Tube (Ø8 x 45 1/2)				
	Cleaning	Self Cleaning or Automatic Shaker (Optional)				
	Dust disposal options	Disposable Bags, Drums, Tilt Trucks, or 360 Gal. Dump Bin (available on the BEL 150 and BEL 200)				
	Dimensions* (W x D X H) (in)	61 x 49 x 109	63 x 49 x 109	94 x 49 x 109	119 x 49 x 109	142 x 49 x 109
	Module weight (lbs)	250	250	295	410	505

Blower Specifications		Standard Blower (3600 RPM)		Hummer Blower (1800 RPM)		
	Blower Motor (HP)	5	7 1/2	10	15	20
	Capacity (CFM)	2500	3500	4000	5000	5000
	Suction (in WC)	7.5	7	8	10	11
	Inlet Diameter (in)	9	10	12	14	16
	Power (V / Ø / Hz)	220/1/60, 208-230-460/3/60 or 575/3/60		208-230-460/3/60 or 575/3/60		
	Blower Weight (lbs)	200	240	350	450	560
Sound pressure level (dBA)	82	84	80	81	83	

*Including blower

Blower Fan curve

