

CONVEYOR BELT CLEANER

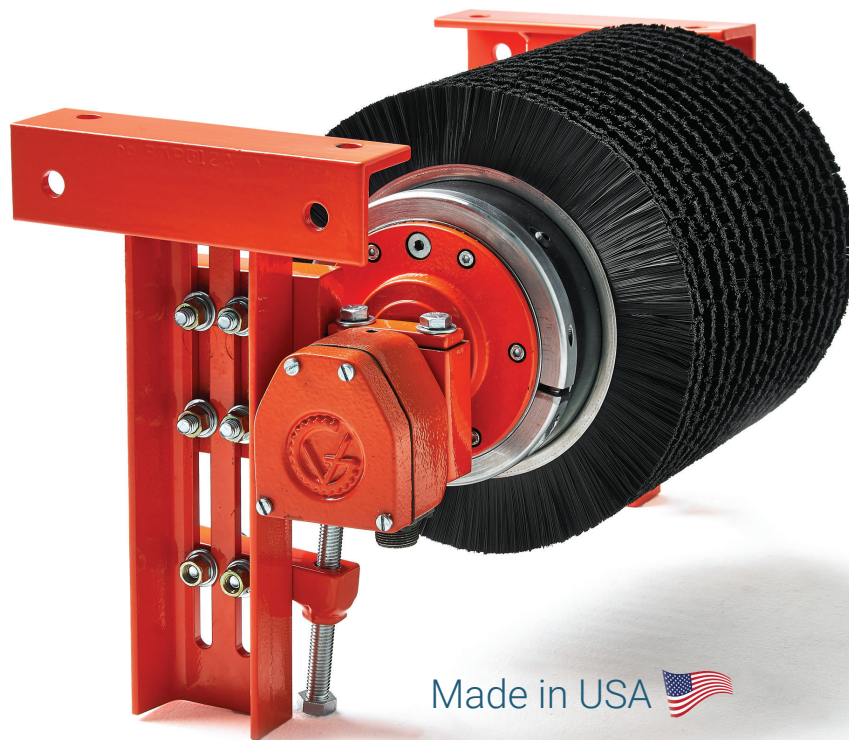


The **Van der Graaf Brush Belt Cleaner** offers a belt cleaning solution to remove residual materials from conveyor belts **without the wear and tear of a conventional belt scraper**. The compact, low profile design provides space savings, efficiency and reliability with virtually no maintenance. As a one component brush assembly, it can be easily installed behind the head pulley or inside the belt conveyor frame. This durable drum motor design is entirely sealed from the most challenging cleaning environments, providing a completely reliable, less complex solution.

The Brush Belt Cleaner utilizes an easy to replace **continuous spiral brush**, allowing rapid brush changes to minimize system downtime. It provides effective cleaning performance on dry and wet fines clinging to belts with various profiles, such as cleats and sidewalls.

Constant and ideal contact pressure cleans the entire belt width effectively. As the brush wears, our **Adjustable Tension Brackets*** allow the user to adjust the motor height relative to the belt to easily maintain an optimal contact pressure, ensuring proper cleaning and long brush life. These brackets also simplify installation; only four bolts to hold the motor assembly to the conveyor frame.

Van der Graaf's Drum Motor Design warms the entire brush surface, making it an effective cleaner in both wet and dry environments. The warmed brush effectively dries and sheds possible build-up debris as well as eliminating problems due to ice build-up in cold climate applications.



Using **high quality Nylon 66 brush bristles**, the Van der Graaf Brush Belt Cleaner provides a **long service life** and a virtually **maintenance-free motor** that requires only an oil change every 50,000 hours of operation, eliminating grease points and wear parts such as chains and belts.

Van der Graaf Brush Belt Cleaners come in a variety of standard sizes to suit most belt applications. A variety of speeds, as well as the flexibility of an Inverter Duty motor, allow the cleaner to match most belt speeds. Custom designs are available on request.

Made in USA 

* Brackets sold separately

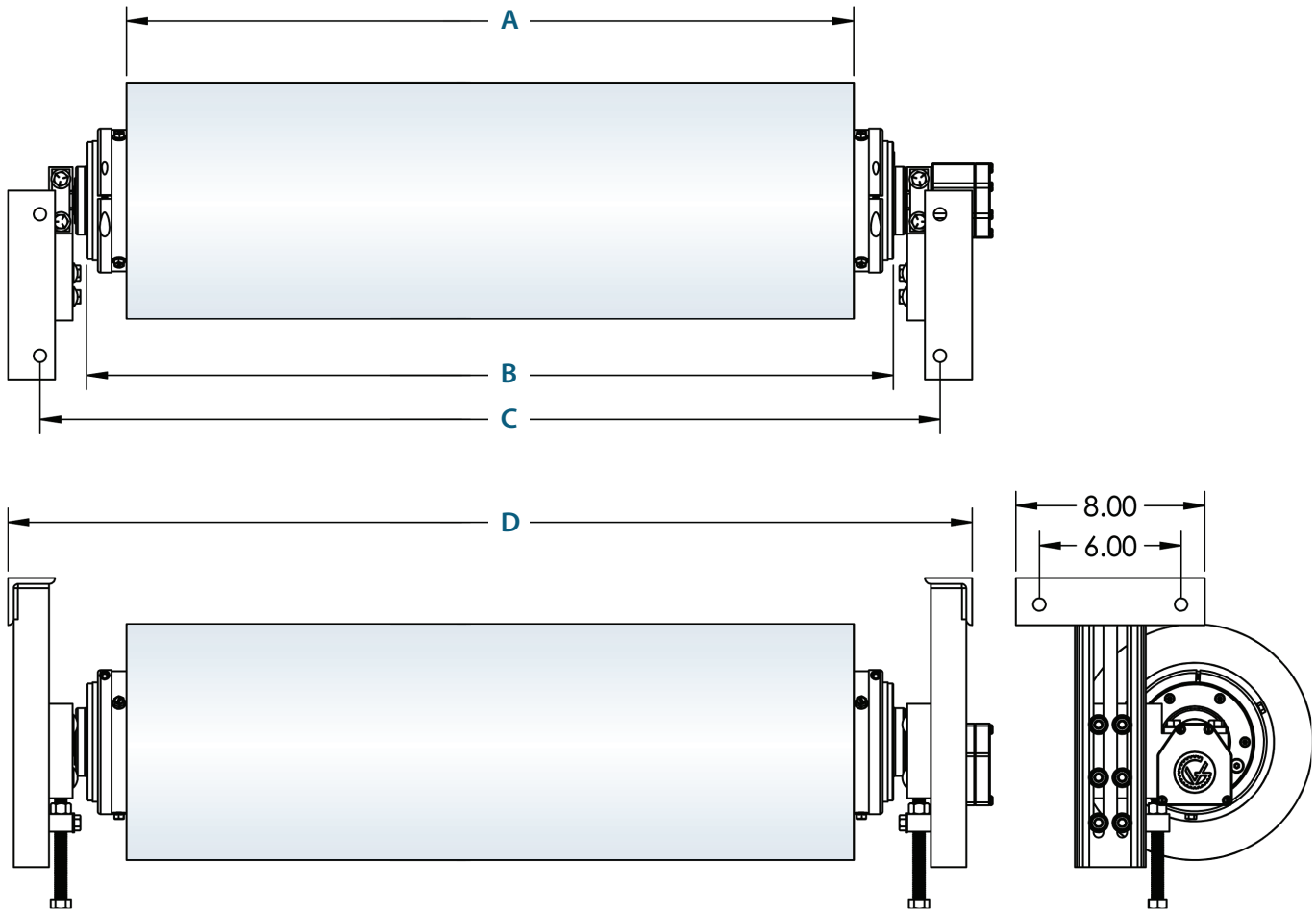


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	A	A	B	B	C	D			
Belt Width (inches)	Brush Width (inches)	Brush Density (# of Turns)	Face Width (mm)	Face Width (inches)	Bracket Centers (inches)	Bracket Outside (inches)	Motor (HP)	Speed Range (fpm)	Brush Motor (code)
24	26	42	750	29.53	33.5	36.2	1.0	164 - 630	BM127A25-SB24
30	32	51	900	35.43	39.4	42.1	1.0	164 - 630	BM127A25-SB30
36	38	61	1050	41.34	45.3	48.0	1.0	164 - 630	BM127A25-SB36
42	44	71	1200	47.24	51.2	53.9	1.0	164 - 630	BM127A25-SB42
48	50	80	1350	53.15	57.1	59.8	1.5	236 - 614	BM127A25-SB48
54	56	90	1500	59.06	63.0	65.7	1.5	236 - 614	BM127A25-SB54
60	62	99	1650	64.96	68.9	71.6	1.5	236 - 614	BM127A25-SB60
72	74	119	2000	78.74	82.7	85.4	1.5	236 - 614	BM127A25-SB72

SPECIFICATIONS:

Standard CEMA frame and belt sizes are shown with the matching Van der Graaf Brush Motor in the size chart.

Custom size brush motors and brackets offerings are available to fit your unique conveyor as required.

Electric Motor: 3 Phase 60 Hz, available in 230, 480, 575 Voltage

CSA and UL Certified for operation in hazardous locations Class II, Group E, F & G. IP66 & 68 rated

Drum Motor: Standard mild steel shell, flanges and square shafts. Optional all stainless steel available.

Brush: Nylon 66 Continuous Spiral Brush, OD 10" standard. Other bristle diameters and brush materials are available.



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