

Power-Free, Self-Driven Cleaner for Chevron, Cleated, and Raised-Rib Belts

Belts with any surface pattern are notoriously difficult to clean. Passive brushes only knock off the large debris and motorized versions require electrical installation and controls. The Belt-Driven Brush Cleaner provides a unique alternative - a brush that spins against the belt direction to provide a better clean and drive itself off the conveyor belt using a hold-down roller and v-belt system.

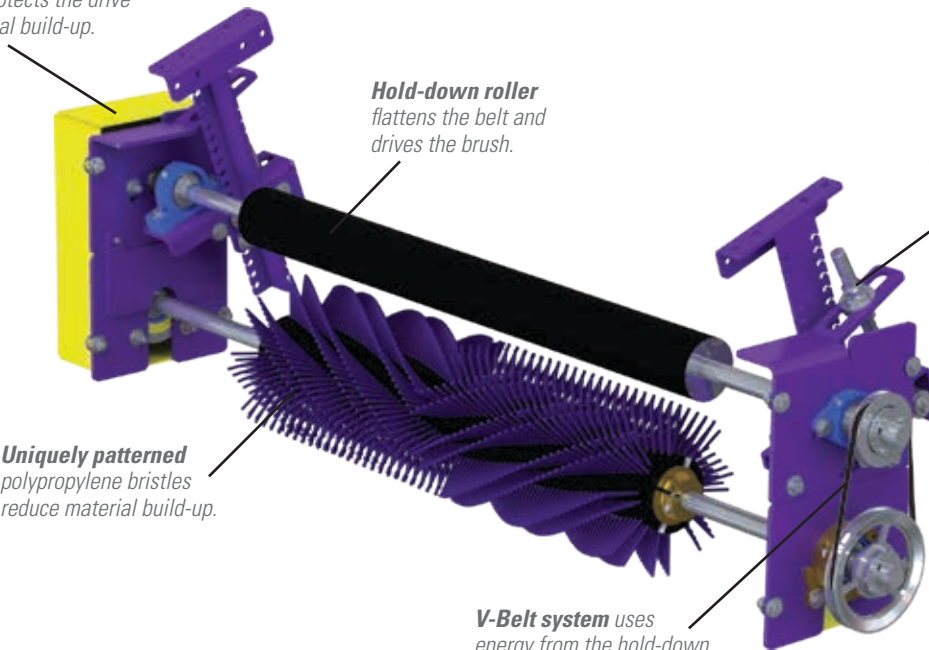
Protective enclosure removes pinch points and protects the drive system from material build-up.

Hold-down roller flattens the belt and drives the brush.

Tensioner allows quick and simple adjustments as the brush wears.

Uniquely patterned polypropylene bristles reduce material build-up.

V-Belt system uses energy from the hold-down roller to drive the brush opposite the belt direction.



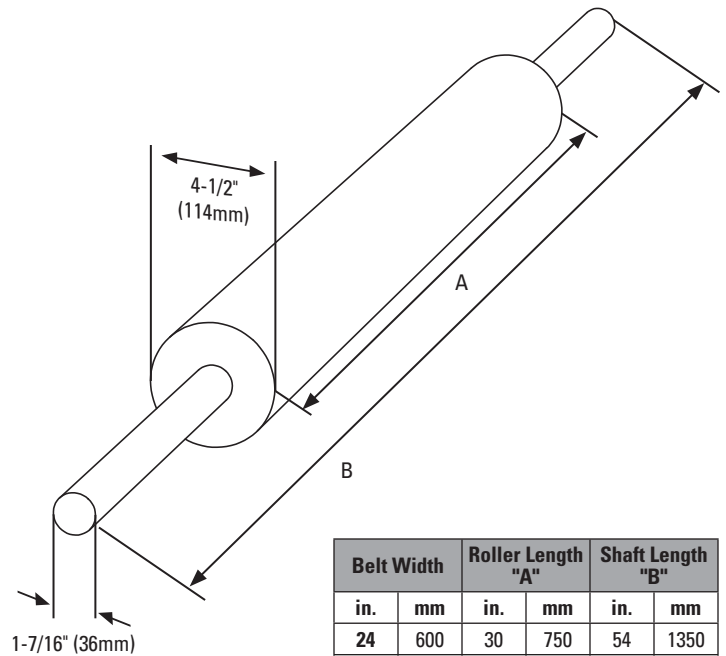
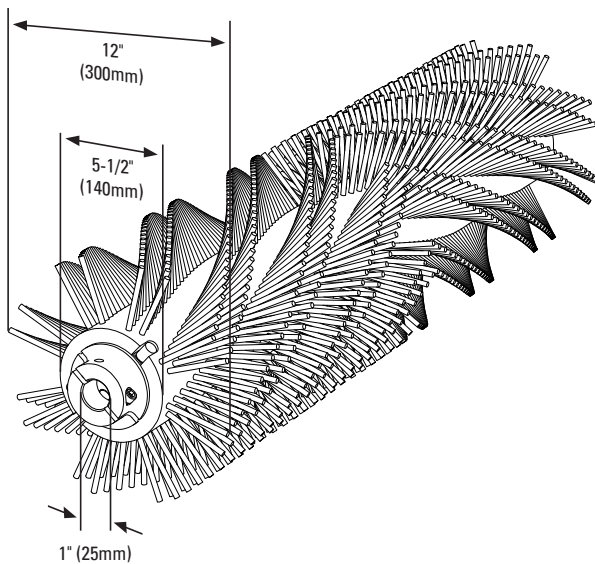
Features and Benefits

- **Self-drive system.** The assembly provides an all-in-one system that uses belt energy to drive the cleaner.
- **Maximum Cleaning.** Spins opposite the belt direction for optimal belt cleaning.
- **Uniquely patterned bristles.** Aids in reducing material buildup and clogging.
- **Adjustable Tensioners.** Allows easy brush-to-belt adjustment as the bristles wear.
- **Works on mechanically spliced or vulcanized belts.**

BELT-DRIVEN BRUSH CLEANER

Specifications and Guidelines

Belt Speed	Up to 700 fpm (3.5 m/s)
Vertical Clearance	24.5" (622mm)
Horizontal Clearance	28.38" (720mm)
Temperature Range	-20°F to 180°F (-30°C to 82°C)
Maximum Chevron or Cleat Height	1/2" (13mm)
Bristle Length	3-1/4" (83mm)
Overall Diameter	12" (305mm)
Shaft Length (Brush and Roller)	Belt Width plus 42" (1067mm)
Shaft Diameter	1" (25mm)
CEMA Cleaner Rating	Class 4



Ordering Information

Belt Driven Brush Cleaner				
Belt Width		Ordering Number	Item Code	Wt. Lbs.
in.	mm			
24	600	BDBC-24	93119	331.7
30	750	BDBC-30	93120	349.1
36	900	BDBC-36	93121	366.2
42	1050	BDBC-42	93122	383.0
48	1200	BDBC-48	93123	400.0
54	1350	BDBC-54	93124	417.5
60	1500	BDBC-60	93125	434.4
72	1800	BDBC-72	93126	468.9

Replacement Brushes	
Ordering Number	Item Code
MBRD-24	79515
MBRD-30	79516
MBRD-36	79517
MBRD-42	79518
MBRD-48	79519
MBRD-54	79520
MBRD-60	79521
MBRD-72	79522

Belt Width		Roller Length "A"		Shaft Length "B"	
in.	mm	in.	mm	in.	mm
24	600	30	750	54	1350
30	750	36	900	60	1500
36	900	42	1050	66	1650
42	1050	48	1200	72	1800
48	1200	54	1350	78	1950
54	1350	60	1500	84	2100
60	1500	66	1650	90	2250
72	1800	78	1950	102	2550

Lead time: 1 working day

Authorized Distributor:

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