

INCREASES BELT EFFICIENCY

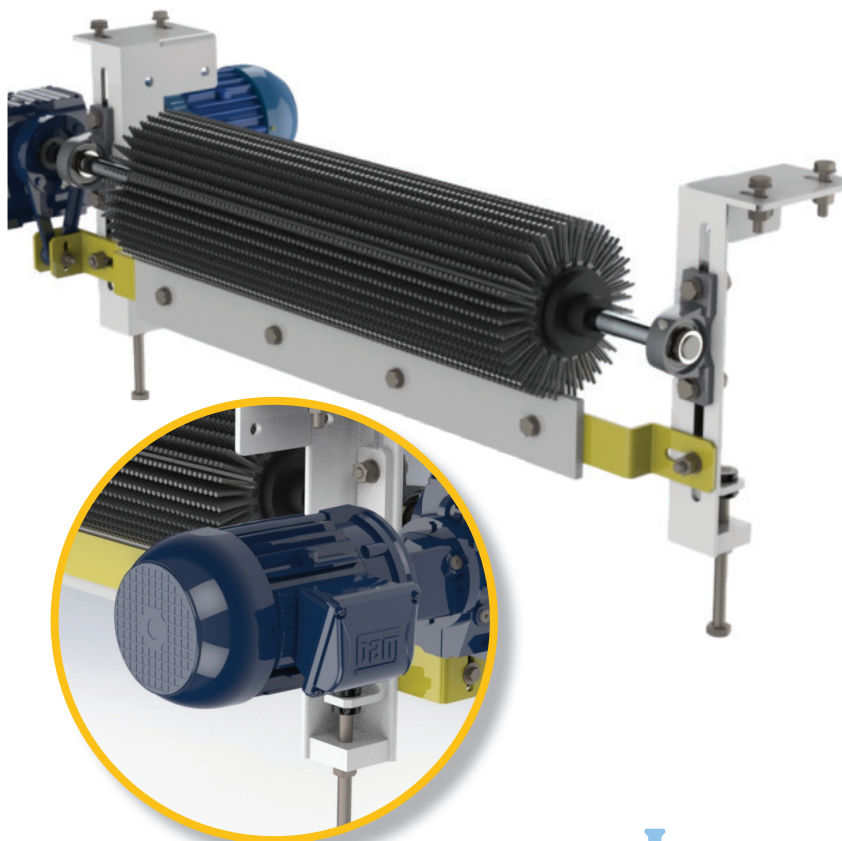
Motorized Brush

Grooved, ribbed, and chevron conveyor belts pose unique challenges when it comes to efficient belt cleaning and carryback prevention.

Designed with these types of belts in mind, Benetech's Motorized Brush Cleaner is an ideal solution to prevent fines and residue from becoming trapped in recessed areas that typical blade-type cleaners cannot reach.

Rotary brush cleaners can be installed anywhere on the conveyor's return side but are typically installed immediately after the belt leaves contact with the drive pulley.

This keeps the material removed by the rotary brush cleaner in the dribble chute area of the transfer point chute work, where it can be introduced back into the main flow of material.



SPECIFICATIONS

Feature	Description
Application	Light to medium duty
Belt Types	Grooved, ribbed, or chevron
Max. Belt Speed	700 FPM (3.5 m/s)
Available for Belt Widths	18" to 96" (450 to 2440mm)
Motor	1 HP, 60 Hz, 3 PH (18" to 48" BW) 2 HP, 60 Hz, 3 PH (54" to 96" BW)
CEMA Class Rating	Class 4
Shaft Length	Belt width plus 24"
Shaft Diameter	1-1/4" (32mm)
Brush Diameter	9" (228mm)
Brush RPM	180
Bristle Length	2" (51mm)
Bristle Material	Rubber
Bristle Temp. Rating	-20°F to 180° F (-30° C to 82° C)
Max. Chevron	1/2" (13mm)
Motor Ingress Protection	IP55 or IP66
Horizontal Clearance Req.	10" (254mm)
Vertical Clearance Req.	10" (254mm)

FEATURES & BENEFITS

- Unit is designed to rotate the brush only when belt is moving
- Motor rotates the brush opposite of belt direction for optimal cleaning
- Cleaner bar makes the assembly self-cleaning, and reversibility extends wear life
- Can be mounted to a vertical or horizontal surface
- Can be assembled as a left or right-hand unit with no special part requirements, allowing for convenient installation location
- Installed with a 1HP or 2HP motor, depending on belt width with minimal power consumption
- In-line drive shaft and cleaner bar design allow for easier sealing when installed in an enclosure

