

Belt Cleaning Device

General description

The IPCO Belt Cleaning Device (BCD) can easily be installed wherever it is a need of regularly cleaning of the steel belt in a conveyor.

The BCD is mainly a rotating brush system and is available in sizes to fit different belt widths. Rotating speed is adjustable and the rushes can be of different material suitable for different applications.

The Belt Cleaning Device is suitable to clean and remove dirt from product side of the belt.

Important!

It is important that the brush does not rotate on a belt that is standing still.

Scope of supply

The BCD comprises a frame, an electrical drive with MOVIMOT speed controlled gear, brush in sections to fit width, collecting gutter, screw system for adjustable brush pressure etc.

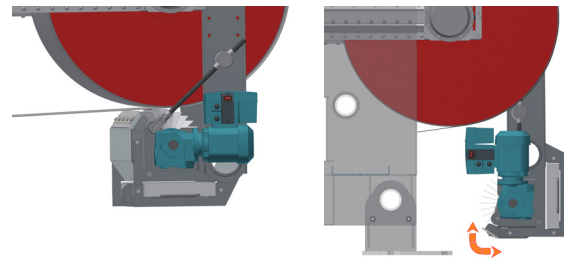
The BCD has mounting possibilities with different optional brackets.

The unit has an operating position and a service position for more easy maintenance as shown in figure below).

The BCD is delivered with complete installation instruction, manual and spare part list.

Function description

The BCD should be placed preferable close to a drum and on the bottom strand. See figure to the right.



Dimensions

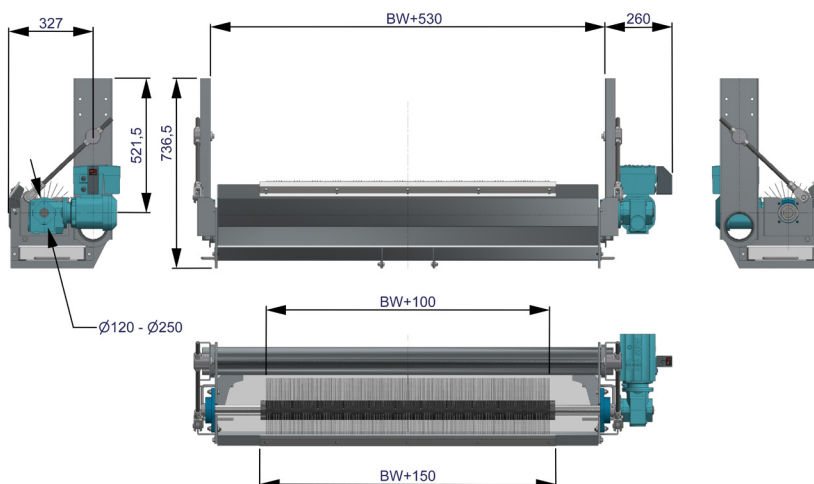
The unit is adjustable to fit suitable belt width and with different optional mountings.

Belt Cleaning Device is more or less a custom made unit to fit any belt width and placement by request.

Contact local sales at IPCO for advices on placement and dimensions to reach an optimal function in your application. General dimensions are shown in the drawing below.

Technical Information

Standard Belt width [mm]	Brush width [mm]	Installation width [mm]
600	700	1130
800	900	1330
1000	1100	1530
1200	1300	1730
1500	1600	2030



Drive power is nominal 0,37 kW, three phase 380 to 500 V/16A, 50 or 60 Hz. The actual rotational velocity can be altered by the frequency converter, which is attached to the drive. Min frequency is 13 Hz.