

Spillage remover

Simple · Convenient · Efficient

The discharging port is designed according to the on-site working.

High-power motor to ensure sufficient lifting force, can be replaced with MA certified motor according to customer requirements, can be mounted on the top or bottom depending on the working conditions.

Product introduction

In the process of conveyor operation, due to various reasons such as the conveyor mis-tracking, spillage at loading point, carrybacks which will lead to the accumulation of materials along the conveyor, not only cause pollution to the environment, but also bring greater economic losses to the customer. The traditional way of cleaning by manual shoveling materials to the conveyor belt working surface, not only low efficiency and has a greater safety risks. Boton's spillage remover is specially developed to solve this problem, featuring small size, easy to move, simple operation and high efficiency. When using this equipment, the field personnel only need to shovel the scattered materials into the hopper located on the ground, and the circular movement of the hopper will lift and dump the materials to the working side of the conveyor, so as to realize material recycling and ground cleaning.



Features and strengths

- ★ The operator is not in direct contact with the conveyor belt, which improves the safety of on-site operation.
 - ★ Clean and environmentally friendly: sealed casing reduces secondary scattering and dust.
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- Patent-protected design, simple operation and compact structure.
 - Shoveling height is greatly reduced, reducing labor intensity and improving operator health protection.
 - Continuous operation driven by high-power motors, greatly improving operating efficiency.
 - According to the working conditions can choose different transmission mode: chain or belt drive for different working conditions.
 - MA certified: MA certified version is available upon request, suitable for underground applications.

Adjustable pitch design for easy field installation.

Fixed base or HD nylon rollers for on-site mobility.

Open hopper, easy to operate on site, can be changed to rotary type for trolley dumping materials.



Different shapes of hoppers are designed according to the materials, and after strict surface treatment, they are more wear-resistant and have longer service life.

Optimized design of the transmission mechanism: according to the material and working conditions to choose the chain or belt drive.



Technical parameters and selection guide

Category	Parameters	Category	Parameters
Maximum transportation capacity	20m ³ /h	Conveying distance (horizontal)	1500mm
Driving power	3kw	Voltage level	380V/50Hz (underground 660v/50Hz)
Hopper capacity	0.002m ³	Lifting height	up to 2200mm
Transportation speed	0.5m/s		

Ordering information

	Model	
Conveyor belt height (mm)	Conveyor belt drive	Chain drive
< 1200	BTZN-MC480101	BTZN-MC480201
1200~1700	BTZN-MC480102	BTZN-MC480202
1700~2200	BTZN-MC480103	BTZN-MC480203

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BOTON

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Boton focuses on providing intelligent service solutions for industrial bulk material handling. Our main business includes intelligent turnkey service, overall solutions for intelligent conveying, retrofit projects focuses on energy saving, environmental protection and green transformation etc. We took the lead in launching a new model of "integrated general contracting services for conveying systems" in China which changed the situation of different value orientations in the traditional product sales model. This new model speeds up marketization of new technology & new products and has been recognized by many customers domestically and globally.

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