

Automatic belt winding machine

Simple · Convenient · Efficient

Cartridge core: for easy fixation of the conveyor belt head and initial winding of the belt.

Product introduction

Ports, wharves, power plants, steel mills and other industries that use large conveyors often need to deal with large rolls of conveyor belts in the process of replacing conveyor belts or carrying out maintenance of conveyor belts, the traditional manual carrying or homemade simple mechanism of belt rolling, there are inefficiencies, high labor intensity, and safety hazards, and with the intensification of the competition, the traditional way can no longer be adapted to the high requirements of modern production.

Pain spot

Inefficiency

High labor intensity

High safety hazards

Belt idler roller: provides guidance and corrects deflection when winding the belt.

Variable frequency motor & gear box: Adjust the speed of belt according to the weight of the belt to ensure safe and smooth production.

Boton self-developed automatic belt winding machine adopts variable frequency motor through PLC control, realizing automatic belt winding, which can greatly reduce the labor intensity on site and improve the production efficiency, and is the ideal choice for belt winding needs.

Features and strengths

- ★ **Modular design: light weight, easy to transport and move.**
- ★ **Multiple safety protection: overload, deflection and other monitoring and alarm devices to improve safety.**

- Wide application: the width of the belt can be applied from 800mm to 2200mm.
- Adjustable belt width: removable roller top, the same equipment can be adapted to different widths.
- Adjustable belt speed: adjust the speed according to the diameter of the belt, the process is automatic and controllable, high efficiency.
- Equipped with automatic tension mechanism: ensure that the belt is neatly arranged, no loose, no deviation.
- Digital display length counter: real-time display of belt length.
- Equipped with remote control handle, more convenient operation.

Technical parameters and selection guide

Category	Parameters	Category	Parameters
Belt width	800mm~2200mm	Motor power	11kw (B2200 15kw)
Line speed of belt	0.13~0.63m/s	Exterior Dimensions	(4965~6418)mm*3079mm*3000mm
Maximum diameter of belt	5000mm	Machine weight	11147~12230kg

Ordering information

Belt width(mm)	Item code
< 1000	BTZN-BWD1000
1200~1600	BTZN-BWD1600
1800~2400	BTZN-BWD2000

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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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