

Fiber optic bundle tube pay-off frame tension control



Overview

The pay-off is a high speed fiber pay-off for all kinds of fiber optic secondary coating lines. One frame has 1 to 6 reel positions. This reduces the tension variation also with wide reels and ensures a maximized productivity of high. Our Multi Pay-offs are capable of handling optical fibers or industrial yarns with a tension as low as 0,3N, while the Roblon Heavy Duty Pay-offs accepts reels up to 1800 kg and speeds of 300 m/min. Pay-off Stand for Optic Fibre A unique & cost-effective tensioning system that lets off all your tension. AI DATA CENTERS: WHY FIBER IS BOOMING AI data centers are experiencing the largest expansion of fiber optic infrastructure in history. The extreme bandwidth and interconnect demands of AI workloads exceed. Bartell offers a wide range of pay-offs and take-ups to support any application in the production of power cable, steel wire rope, telecommunication cables or any environment where continuous production is desired. Ease of use, reliability and robustness are the cornerstones in which our pay-offs.

Article Content

Pay-offs for optical fibers and industrial yarn

Our pay-offs are easy to integrate in any new or existing production line and can be operated individual or by line control. This makes Roblon Multi Pay-offs optimal

PBT Loose Tube Fiber Optic Cable Production Line

This fiber secondary coating line is used for extruding 1~12/24 core optical fiber loose tube, the jacketing material is PBT, loose tube is round and smooth surface, its

Pay-Offs - Shaft Type

Tension is applied to the fiber product by increasing or decreasing the air supplied to the rotary cylinder. The pay-off can be made to stand alone with local controls or

Reliable Ancillary Equipment | Bartell Machinery

With precise tension control and high linear speed this pay off systems is specifically suited to support the production of a variety of fiber optic cable configurations at the highest quality standards.

Automatic payoff module for wire and fibres | Supertek

Highly accurate tensile force and tensile stress control of the unwound winding material is achieved by the modular integration of the patented electromagnetic

High-Quality, Cost-Effective Pay-Out Machinery

Pay-out Machinery Pay-out machinery allows the operator to "pay-out" or "off load" flexible material in a controlled manner which provides for quality re spooling and coiling. It improves safety, as the pay

How to Optimize Production with the Right Payoff System

Medical, fiber optic, and wire industries, for example, may require more precise tension control due to the delicate nature of their products.

Pay-Offs and Take-Ups | Cable Machinery Supplier | S& A

This pay-off and take-up system is specifically designed to cater to various cable production processes, including cable extrusion, cable stranding, cable armoring,

Automatic payoff module for wire and fibres | Supertek

Automatic Payoff Module Supertek's automatic pay off winder module, uncoilers or unwinders consist of modular, intelligent units (smart winder units). They are

Pay-Offs and Take-Ups | Cable Machinery Supplier | S& A

S& A offers a comprehensive lineup of pay-offs and take-ups, including multi head pay-off, gantry and portal type pay-off and take-up, automatic double coiling and

Why Tension Control is Crucial in Fiber Optic Cable

A close-up of glowing fiber optic cables, showcasing the vibrant lights and intricate technology of modern communication. In the fast-paced world of

PM 265 Pay-off

This high-speed motor driven fiber pay-off is designed for a wide variety of fiber optic secondary coating lines. The six reel position frames can combine into several

Pay-offs for optical fibers and industrial yarn

Our Multi Pay-offs are capable of handling optical fibers or industrial yarns with a tension as low as 0,3N, while the Roblon Heavy Duty Pay-offs accepts reels up to 1800 kg and speeds of 300 m/min. Our

Wire and Cable pay-off equipment including flyer pay-offs, driven reel ...

Manufacturer of quality cable production machinery. The rotating equipment offered by HOWAR Equipment includes cable stranders, cable bunchers, single bow double twist machines, planetary

High Linear Speed Fiber Pay-Off | Bartell Machinery

This pay-off is suitable to accommodate 2-12 optic fibers in tandem with insulating process. A digitally set, low friction pneumatic preloaded dancer along with a speed reference to individual drives

Fiber Optic Cable Tension Control

Fiber optic cable manufacturing depends on tight tension control across many delicate layers. By using modern low-tension transducers, intelligent amplifiers, and well-designed tension control zones,

Improved SZ-Stranding of fiber optic cables | expometals

Space savings through double tube payoff DTP DPT is Rosendahl's solution for space-saving payoff design for loose tubes. The integration of two pay

Motorized loose tube pay-off and unwinding/releasing machine for optic ...

Main frame, consists of motor payoff unit, clamping unit, lifting unit, tension control unit, guiding wheel, and pneumatic circuit system. electric lifting frame for tube reel, pneumatically clamping device for

Wire and Cable Components Part II

Flyer pay-offs: Excellent for high-speed and uninterrupted continuous wire unwinding with constant tension required for cable

CN202049270U

Abstract The utility model relates to a constant tension control device for a loose tube pay-off frame, which is used for constant tension control of loose tube paying off in a cable forming procedure in

Loose Tube Pay-off PM 1000

Description Loose Tube Pay-off PM 1000 is designed for precise unwinding of buffered optical fibers, especially in a stranding process. The equipment is

Fibre Pay-Offs

The unforgiving and fragile nature of optic fibers makes severe demands on a control system. Any acceptable control system has to provide a stable, highly responsive, and transient-free control of

Wire Payoffs & Narrow Strip Payoffs | Novo Precision

Wire Payoffs & Wire Decoilers Overview Novo Precision offers wire payoff units specifically designed to the size of the wire being used, from the delicate control

Web Tension Control Systems | Turnkey Tension Payoff Systems | MBS

MBS" CTPS Constant Tension Payoff System is a TURNKEY SYSTEM that can be installed on almost any pay-off device. The tension remains repeatable and accurate.

Contact Us

For more information, pricing, or custom solutions, please contact us:

Website: <https://aitaf.it>

Email: info@aitaf.it

Phone: +39 331 847 2365

Address: Via Raffaello Sanzio 11, 20149 Milan, Italy

This document is for informational purposes only. Specifications subject to change without notice.

