

High-altitude fiber optic cable tying machine



Overview

This machine is suitable for galvanized wire. The machine is mainly composed of five parts: the main device, special wire disc, battery, remote control switch and hand-held pole.

Key Takeaways

High-altitude fiber optic cable tying machines are handheld, automatic devices designed to safely and efficiently bundle cables in elevated environments, replacing traditional manual methods. Overview High-altitude fiber optic cable tying devices are handheld, automatic tools used in telecommunications and power transmission to secure fiber optic or other cables at elevated locations. They are designed to replace manual strapping, reducing labor intensity and improving safety by eliminating the need for ladders or pulleys.

Key Features

Automatic Operation: These machines have integrated controllers that complete all steps of cable tying automatically, including tightening and cutting the wire. **High Efficiency:** They can perform multiple bindings per charge (up to 1600 times) and work continuously for up to 10 hours, significantly faster than manual methods. **Safety:** Devices are insulated to handle high-voltage environments (up to 10,000 volts), reducing the risk of accidents during high-altitude operations.



Portability: Most machines are lightweight, compact, and modular, allowing easy transport and assembly in the field. **Customizable:** Some models offer adjustable rods, wire diameters (e.g., 0. 85mm galvanized iron wire), and cable range compatibility (8-58mm), as well as options for OEM branding and packaging.

Components

Typical high-altitude cable tying machines include: **Main Device** – the core handheld unit with automatic strapping mechanism. **Special Wire Reels** – preloaded with galvanized wire for secure binding. **Battery** – usually 12V with high capacity (e.g., 6000mA) for extended operation.

Remote Control Switch – allows one-person operation and gear adjustment for tightness.

Hand-

Held Pole – extends reach for high-altitude cable installation.

Applications

These devices are widely used in: **Telecommunication networks** – securing fiber optic cables on poles or towers. **Power transmission lines** – bundling insulated cables safely at height. **High-altitude construction projects** – where manual cable tying is impractical or unsafe.

Advantages

Labor Reduction: One operator can perform tasks that previously required multiple workers. **Time Efficiency:** Speeds up cable installation and reduces downtime. **Enhanced Safety:** Minimizes exposure to high-altitude hazards.

Versatility: Compatible with various cable sizes and types, including insulated and galvanized wires. High-altitude fiber optic cable tying machines are essential tools for modern communication and power infrastructure projects, combining automation, safety, and portability to improve efficiency and reduce operational risks.

Article Content

High Altitude Line Automatic Cable Tying Machine Easy Optical Cable ...

This machine is suitable for galvanized wire. The machine is mainly composed of five parts: the main device, special wire disc, battery, remote control switch and hand-held pole.

Automatic Cable Tying Machine Optical Cable Binding High Altitude

It can automatically complete all the steps of cable hanging and tying, and can be widely used in high-altitude operations in the field of communication engineering, replacing traditional manual cable

Cable Tying Machine

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Insulation Automatic cable/Optical cable tie machine

The machine is a hand-held free-to-height cable quick-attachment tool with internal components such as controllers that automatically complete all steps of cable tying can be widely used in the high

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This fully automatic optical cable attached hanging machine is designed to solve the problem of high-altitude cables, whether it is urban high buildings or remote mountainous areas, it

High Altitude Automatic Line Binding Cable Tying Machine Optical Fiber ...

Key attributes core components PLC machinery test report Provided warranty 1 Year video outgoing-inspection Provided place of origin Shandong, China Weight (kg) 7.3 brand name JIARUN Product

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Warranty Time 1 year Name Automatic Cable Binding Machine Battery Capacity 7800 mAh Fully charged battery operate times

Third Generation High-Altitude Fiber Optic Cable Strapping Machine

Third Generation High-altitude Fiber Optic Cable Strapping Machine Cable Tying Machine. Tanghu CTM3-1 offers 0-60mm bundling range, 0.8mm wire diameter, and 10KV insulation.| Alibaba

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