

Automatic Optical Cable Tie-up Device



AI Overview

An Automatic Optical Cable Tie-up Device is a specialized tool that automates the process of securing optical or electrical cables, improving speed, consistency, and safety in cable management. Overview Automatic optical cable tie-up devices are designed to secure and organize cables efficiently, replacing manual strapping methods. They are widely used in telecommunications, automotive, aerospace, electronics, and high-altitude field operations where large volumes of cables need to be bundled quickly and consistently. These devices can be handheld, bench-mounted, or integrated into fully automated production lines, offering flexibility for various manufacturing and field environments. Key Features Automatic Operation: Internal controllers complete all steps of cable tying, including tensioning and cutting, with minimal operator intervention. High Efficiency: Some models, like the ATS3080, can complete a cycle in 0.8–1.3 seconds, depending on bundle diameter. Battery and Power Options: Handheld devices often use rechargeable batteries (e.g., 12V, 7800 mAh) capable of performing over 1600 ties per charge, covering several kilometers of cable. Industrial models may use standard AC power converted to low DC voltage for tool operation. Adjustable Tension and Bundle Size: Devices allow adjustable tension control and can handle bundle diameters from a few millimeters up to over 80 mm, ensuring uniform fastening quality. Ergonomic Design: Lightweight, comfortable grips and easy trigger mechanisms reduce operator fatigue during prolonged use. Versatility: Can be used with endless reels, closures, or coated wires, and integrated with overhead dispensers or fully automated lines. Components Typical devices include: Main body with control electronics Special wire or cable reels Battery pack or power supply Remote control switch Hand-held or extendable pole for high-altitude operations Applications Telecommunications: High-altitude cable installation and optical fiber bundling. Automotive and Aerospace: Fast, consistent cable harness as...

Article Content

Automatic Cable Tying Systems AT2060 (103-00000)

103-00000 - Fast: Cable ties are installed quickly with one easy trigger depression, increasing productivity while decreasing labor costs. Reliable: HellermannTyton's

Automatic Cable Tie Systems

Automatic Cable Tie Systems HellermannTyton leads the industry in fully automated cable tie tools. Handheld, bench mounted or adapted to an automated production line, get fast, precise cable tie

Cable Binding Machine

Quick Details Place of Origin: China Brand Name: XINCHENG Name: automatic cable tie machine, Optical cable binding machine Application: cable tying

High Quality Automatic Cable Bounding Machine

High Quality Automatic Cable Bounding Machine, Find Details and Price about Automatic Cable/Optical Cable Tie Machine Insulation Automatic Optical Cable

Automatic cable tie tool

Find out all of the information about the HellermannTyton product: automatic cable tie tool ATS3080. Contact a supplier or the parent company directly to get a

Automatic Cable Tying Systems AT2060 (103-00000)

Providing Valuable Operator Feedback: Equipped with a self diagnostic LCD information screen, the automatic cable tie system easily guides the user through

Automatic Fiber Cable Tying Machine / Cable Tie

T Automatic Cable Tying Machine is a hand-held, climb-free cable fast tying tool with an integrated intelligent control module, which can automatically complete all the

Automatic Cable Tie Systems

Handheld, bench mounted or adapted to an automated production line, get fast, precise cable tie installation with all our professional-grade tools.

Optical Cable Attachment Machine, Fully Automatic Cable ...

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Automatic Cable Tying System ATS3080

Automatic Cable Tying System ATS3080 Waste-free bundling up to Ø 80 mm The Autotool System 3080 is an automated and electric cable tying system. It has

Cable tie guns: manual, pneumatic, automatic

Cable tie guns (manual or automatic), hot air guns, automatic bundling systems and many more application tools are offered by HellermannTyton.

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Automatic Cable Tying System

Electrically operated automatic cable tie guns help secure and organise cables and are designed for use where large quantities need to be managed quickly and

Automatic Optical Cable Attaching Ties Tie Making Manufacturing ...

The machine is a hand-held, free climbing and cable quick attached tool, with internal placement of components such as controllers. The tool could automatically complete all steps of cable strapping

Insulation Automatic cable/Optical cable tie machine

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

Automatic Optical Cable Tying Machine

Automatic Optical Cable Attaching Ties Tie Making Manufacturing Binding Machine Price Cable Tying Machine for Fiber Optic hang

Waste-free bundling up to ø 100 mm ATS3080 (102

The Autotool System 3080 is an automated and electric cable tying system. It has

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Automatic Cable Tying System ATS3080

The Autotool System 3080 is an automated and electric cable tying system. It has been developed to speed up bundling processes and operates waste-free. The

Cable Auto-Cutting Machine with Automatic Lift Pay-off

Product Description Automatic lift pay-off Optical Fiber Cable Auto-Cutting & Winding Machine (APD-18A) Function The machine consists of three separate

Automatic Optical Cable Tying Machine

Automatic Optical Cable Tying Machine by APT offers efficient cable management for FTTH. With a 12V battery, it can work 800 times. Shop now for quality!| Alibaba

50-150MM Optical Fiber Cable Binding Machine Semi

Semi automatic wire cable winder binding machine/cable coiling machine/ cable winding and tie machine Model:CLX-30A Place of Origin:ShenZhen,China

Onefind High Altitude Wf-60s Intelligent Fiber Optic

Product Description w& f Onefind High Altitude WF-60S intelligent optical cable attachment machine fiber optic cable binding machine Overview: The machine is

FRP Insulation Fully Automatic Optical Cable Intelligent

Quick Details Place of Origin: China Brand Name: XINCHENG Name: automatic cable tie machine, Optical cable binding machine Application: cable tying

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.

Fully Automatic, Unattended Cable Cutting and

For cutting of cable (electric cable or optical fiber cable), unfold the cable from the cable spool, section-cut cable per preset length and quantity, wrap into coil loop

Automatic Optical Cable Attached Cable Bundling 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.

Contact Us

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