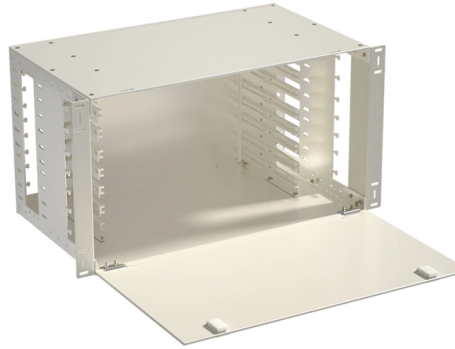


Optical cable unwinding steel wire



Overview

We use steel wires or pilot wire ropes which are inserted into the pulleys and secured at each extremity with a blocking system. Supertek's automatic uncoil winder, uncoilers or unwinders (pay-off) consist of modular, intelligent units (smart winder units). They are compact, powerful and in particular they are perfectly suitable for precise unwinding or uncoiling of very thin, fine wire, flat wire, glass fibre, fibre optic. The professional solution for unwinding, winding and rewinding spools for round and flat wires, foils and optical fibers. They enable tangential removal of the material from the spool, which is particularly advantageous for sensitive or high-precision applications. Driven tangential pay-offs with. The versatile wire and cable prefeeding machines are designed to unwind and feed cables, tubes, electrical or optical wires or other similar materials, delivered on wooden or plastic drums, reel or coils to a cutting machine or other receiver. Unwinding device for cable reels and small drums with adjustable brake For cable coils or reels For cable rings or spools Electro-pneumatic feeding device for cables, stranded wires, tubes with a diameter up to 15 mm.



Article Content

Jun 01, 2026

Automatic uncoil winder and unwinder for wire and fibres as pay-off ...

Automatic uncoil winder, uncoilers or unwinders are available in various versions for different coils and coil sizes with rpm, speed, position and tensile force control.

Jun 07, 2026

Machines for uncoiling, feeding and coiling cables

Before the cable can be processed, it must be uncoiled and fed to the machine. Here you will find our solutions for unwinding and feeding!

Jul 17, 2025

Unwinder – mobac GmbH

Braked or driven type unwinders developed for the precise and controlled unwinding of wires, cables and ropes. They enable tangential removal of the material from

May 14, 2026

CN115215156A

The invention provides an optical fiber cable winding and unwinding device for optical communication. The reel piece rotates along with the rotating shaft under the driving force of the first driving

Oct 20, 2025

Cable unwinder

Unwinding coils Ø 450 mm with 2 brackets Ideal for unwinding small reels and/or coils with loose or packed wires, even of large sizes. Supplied with two adjustable

Feb 21, 2026

Unwinding/Winding | Machines to make cable and rope

Unwinding and winding are unavoidable processes for many productions, not only in the cable and rope industry. In the cable industry winding is usually related to

Sep 27, 2025

Development of a test method and experimental study on cable unwinding ...

This causes problems such as entangling and fracture. Therefore, it is necessary to study boundary and adhesion conditions to prevent unwinding failure. In this study, an experimental device

Nov 25, 2025

Unwinding rewinding machine manufacturer | Supertek

Unwinding machine Supertek's decoilers, uncoiler, spooler and unwinding machine for thin wires, coils and bobbins are at the highest level of winding technology.

Jun 02, 2026

Highest Quality Fiber Optic Cable Automatic Cable

equipment. The main products include: wire coil forming machine, optical fiber cable cutting machine, cantilever take-up machine, cantilever pay-off machine, active

Sep 28, 2025

Automatic rewinder with precise tensile force and exact

By using modular, intelligent units (smart winder units), compact, powerful rewinding systems can be configured. Our rewinding machines are ideally suitable for

Feb 21, 2026

Cable unwinding | Airtelis

We use steel wires or pilot wire ropes which are inserted into the pulleys and secured at each extremity with a blocking system. The steel wire is a cable of 13 to 18 mm

Aug 13, 2025

Automatic payoff module for wire and fibres | Supertek WLT

Machines for unwinding, uncoiling or unspooling of wire, fibres, and filaments, with web tension control for precise tensile stress or tensile force

Mar 15, 2026

Super Fast Cable Unwinding || Professional Working Technique

Beyond personal technique, choosing high-quality cable reels, storing them in dry conditions, and transporting them properly all contribute to a smoother cable unwinding process.

Oct 17, 2025

High-Precision Winding Machines for Fine Wire & Optical Fibers

The professional solution for unwinding, winding and rewinding spools for round and flat wires, foils and optical fibers. Automatically traversing coil for laying precise winding.

Sep 15, 2025

Fibre-optical cable winding and unwinding apparatus

Winders are devices used to establish a cable connection between a fixed station and a mobile station on the move. As the mobile moves away, the reel provides the necessary length of cable.

Sep 08, 2025

Wire Unwinder | Wire Prefeeder | Cable Prefeeding

The versatile wire and cable prefeeding machines are designed to unwind and feed cables, tubes, electrical or optical wires or other similar materials, delivered on

Aug 21, 2025

How do I unreel cables correctly from the cable reel?

You can go wrong here. Especially when the cable concerned is used for dynamic applications in energy chains, incorrect unreeling can have fatal consequences.

Dec 13, 2025

Prediction of the unwinding performance of optical fiber cables by ...

Abstract Under harsh environments in which remote control is impossible, wire-guided control technology is effective for controlling distant underwater vehicles that serve mother ships in missions,

Oct 28, 2025

Derivation of equations of motion of an unwinding cable ...

In addition, in the defence industry [especially in wire-guided torpedo and TOW (Tube launched-Optically tracked-Wire) missiles], the unwinding behaviour of optical fibre cables changes rapidly as

Nov 17, 2025

Unwinding roller machine for wires on coils

UNROAL - unit unwinding roller for wires big diameter 4. UNROAL Documentation
UNROAL UNROAL solves unwrapping problems of wires on coils thanks to an

Aug 06, 2025

Experimental Verification of Unwinding Behavior of Fiber-Optic Cable ...

Fiber-optic cables towed by underwater vehicles have an important role in enhancing the mission capability of a mother ship. In general, fiber optic cables are unwound in water for securing

Apr 08, 2026

How to Strip, Splice, Coil & Install Optical Cables

Having the right tools for the job is just as important as knowing how to correctly strip, splice, coil and install optical cables. In this #HowTo video, #Huawei experts will first introduce you ...

Feb 03, 2026

Wire and Cable Components Part II – Takeups and Payoffs

Learn about takeups and payoffs in wire and cable production, essential for winding and unwinding processes. Explore various machine types

Oct 21, 2025

Incab America LLC: Fiber Optic Cable Manufacturers & Company

Hier sollte eine Beschreibung angezeigt werden, diese Seite lässt dies jedoch nicht zu.

May 05, 2026

24 Core GYTC8S Figure-8 Fiber Optic Cable Price

24 Core GYTC8S Fiber Optic Cable Armor Stranded Loose Tube Steel Wire Strength Waterproof Figure 8 Self Supporting Outdoor GYTC8S is a typical self

Dec 18, 2025

Wire Pay-Off Stand,Decoiler for Wires/Cables

The Heavy-Duty Motorized Cable Payoff Stand is a high-efficiency cable unwinding device designed for the wire, cable, fiber optic, and wire

Dec 05, 2025

Microsoft Word

For OPGW/OPPC with ACS wires in the outermost layer, the cable wheels must be coated. The cable rolls used for installing the OPGW/OPPC may not have any residues of copper particles or any other

Oct 19, 2025

Cable Unreeling Machine – Easy & Efficient Wire Handling

With a maximum load of 700kg, the machine is constructed from high-quality carbon steel using sheet metal bending and welding, ensuring a robust and impact

Contact Us

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