

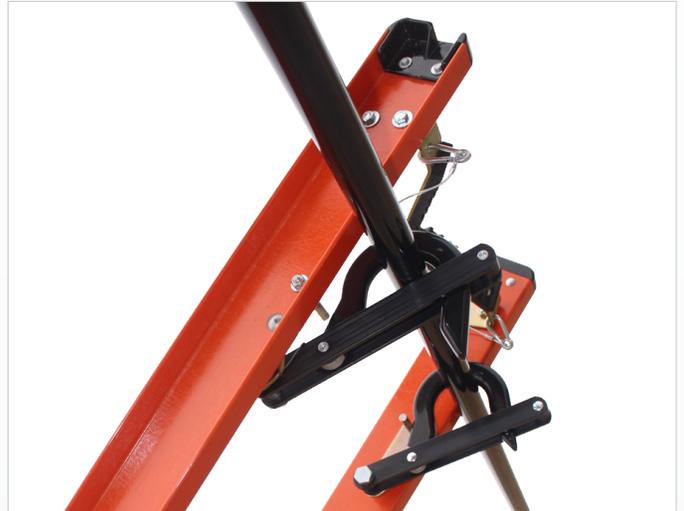
Strand Grabber



Bauer continues to find solutions to make your ladders safer and last longer.

The Strand Grabber

- A vast improvement to conventional cable hooks and it weighs only 8 ounces more.
- Minimizes sliding and ladder shifting on mid span applications the Strand Grabber ensures a safer climb.
- A wider 14" V-pole grip provides a more stable experience when a pole application is needed.
- All components that can come into contact with a strand have a protective coating-ensuring there is no damage to the cable wire, lashing wire or strand.
- No retraining required. If you can use conventional cable hooks you can use this!



SPECIFICATIONS

Hook	3/8" thick, minimum 3/4" wide, 1 1/8" wide at pivot hole, taper to dull point at open end. Material, aluminum 6061 alloy.
Clamp Arm	3/16" x 1" Aluminum 6061.
Pivot Bolt	1/2" shoulder bolt with 3/8" thread.
Attachment Bracket	3/16" steel, cold formed, plated.
Hook Strap	1/16" clear coated stainless steel wire rope.
Capacity	Clamps up to 2 5/8" diameter cable strands.
Duty Rating	Same as the ladder it is attached.

OVERVIEW

The Bauer Strand Grabber is a self-actuating hook and clamp system designed to secure a ladder to a cable strand using the weight of the lineman and ladder for clamping force. It is mounted at the top of the fly section of a Bauer fiberglass ladder and operates much like a conventional cable hook accessory in that the hooks are raised above the strand and then lowered into position so that the hooks engage the strand. The difference is once the hooks contact the strand, as the ladder moves down into position arms come up from below, trapping the strand inside the hooks. The weight of the ladder and the line tech increase the clamping force as the ladder is supported by the strand. When the work is done, the ladder is raised above the strand again to release the arms and disengage the hooks. Since the hooks do not fold inside the rails, the ladder is designed with extra length at the top to accommodate the Strand Grabber and a 14" wide rigid V rung is mounted at the top. When the ladder is collapsed or in transit, the hooks engage the top rung of the base section and are out of the way.

This accessory gives you the highest level of safety whether working mid span or on a pole, and it is similar in weight to the conventional cable hook combo. The Strand Grabber is also available in a detachable model that will fit most brands of standard ladders. This detachable Strand Grabber attaches securely to the ladder in seconds and includes a 9" rigid V-rung mounted to the carriage above the hooks.

DEVELOPMENT

Worker safety is a concern for all employers and providing the safest and most efficient tools to our customers is the top priority at Bauer. In our ongoing mission to improve product safety and with strong interest from the CATV and Telecom industry, we engaged an inventor to develop a product that would improve the safety and functionality of the most popular ladder accessory on the market, the Cable Hook Rigid V-Rung Combination. The inventor was very familiar with ladder safety and accessories which he learned as a service technician for a large national ladder repair company. He already successfully developed and marketed another ladder accessory and had regular exposure to line technicians who told him what they wanted to see in ladder product improvements. Bauer asked the inventor to make a device that was better,

safer, and more functional than the cable hook combo, but keep it simple and make it fully automatic, and make it light weight. He quickly came back with a device that incorporated some elements of his first invention and met all the other criteria. That first device evolved into the detachable Strand Grabber and Bauer took the same mechanism and with the help of the inventor figured out how to mount it directly to the ladder, simplifying the device even further. The result is an accessory that clamps the top end of the ladder to the cable strand so it is safe and secure as soon as the tech gets on the ladder and provides a wider rigid V-rung for use on utility poles, the Bauer Strand Grabber.

TESTING

Bauer builds all of its products in the USA and conforms to the standards set forth in the American National Standard for Ladders A14.5 and for Ladder Accessories A14.8. The A14.8 standard is new in 2013 and for the first time standardizes many accessories available on the market today, however the Strand Grabber is a new device and is not included in the standard. For the purpose of development and testing, Bauer put the Strand Grabber to the same battery of tests that are required for conventional cable hooks in section 9.4 of the standard. The current design of the Strand Grabber and detachable Strand Grabber both passed the three load tests even when the weight was increased well above the requirements. The materials used in the Strand Grabber are primarily 6061 series aluminum alloy with plated steel fasteners and attachment brackets which are typical to the ladder industry and like all Bauer products, the Strand Grabber is built to last in tough service conditions.



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