

WARNING

NEVER
EXCEED THE WORKING LOAD LIMIT OR SHOCK LOAD

ALWAYS
INSPECT UPPER HAND BEFORE EVERY USE

B/A
PRODUCTS CO.



B/A *Instructions for Use*

UPPER HAND

PATENTED



UPPER HAND LOAD BINDER

B/A's solution to the dreaded twisted chain that costs you valuable time, frustration and even your safety when working along the roadside.

THE ISSUE:

How do you stop chain from twisting?



When using a ratchet load binder there is a short end of the chain attached to the truck bed or a tie-down point. There is also a long end of the chain that goes to the load being tied down. As the slack in the tie-down chain is taken up by the load binder, the long end begins to twist. This is bad for a few reasons; Time, Working Load Limit and Safety.



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TIME

On a traditional load binder, it takes longer to tighten the chain properly and sufficiently. Time is valuable but more importantly, if you are working along the roadside, the longer you spend exposed to traffic, the longer you are at risk.



WLL

A twist in chain reduces the break strength and its WLL. Chain manufacturers and the National Association of Chain Manufacturers (NACM) and Occupational Safety and Health Administration (OSHA) recommend against the twisting chain. Twisting of the chain can also lead to unusual wear. **Unusual Wear:** Chain is to be used in a straight line. Twisting chain under load can deform the links and cause the chain to be removed from service.



SAFETY

Truck drivers and equipment operators have made several ways to prevent the long end of the chain from twisting. A few methods are by using various tools, such as screwdrivers, pry bars, pieces of rebar and wood. These approaches are not meant to be used with the load binder and can compromise the life and quality of the product. Furthermore, this takes more time and energy as noted above.

How many threads stay in the barrel of the load binder? While there are no standards on how far in or out the treaded eye and placement of the hook are supposed to go, it is a benefit to the operator to know. If they turn it too far it will fall out of the barrel, wasting time and causing frustration. If there are not enough threads engaged it is likely or rip out of the barrel, making it useless.

**The UPPER HAND LOAD BINDER
tackles these challenges!**

Instructions for Use



1. Open the Upper Hand Load Binder so the end of the folding handle is even with the barrel.



2. Position so the folding handle is on the "long side" of the chain. Then attach each side to the chain.



3. Hold on to the barrel with one hand, with the other begin tightening the ratchet lever.



4. Secure the folding handle with one hand, with the other continue tightening the ratchet lever. Tighten sufficiently. **DO NOT** use cheater bars.