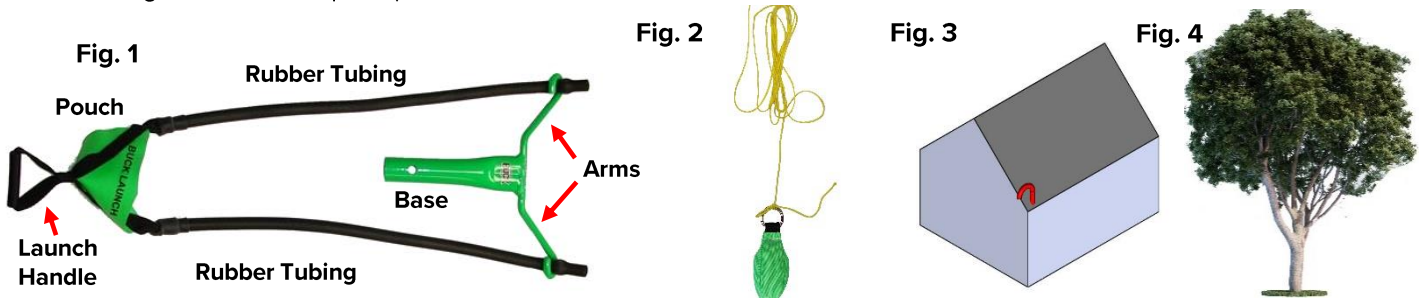


BUCKINGHAM MFG.

BuckLaunch™ Instructions / Warnings

Warning: Do not use this product if you cannot understand and follow the instructions and warnings that come with it and complete all necessary functions.

The Buckingham PN 1027G BuckLaunch™ throw bag launcher (Fig. 1) is designed to launch a throw bag with an attached throw line (Fig. 2) over a structure, tree or other work area (Fig. 3 – 4). The PN 1027GH BuckLaunch head assembly (shown in Fig. 1) must only be attached to approved heavy duty grade extension poles (Reference Fig.5; Jamison, Marvin and Bartlett fiberglass extension poles).

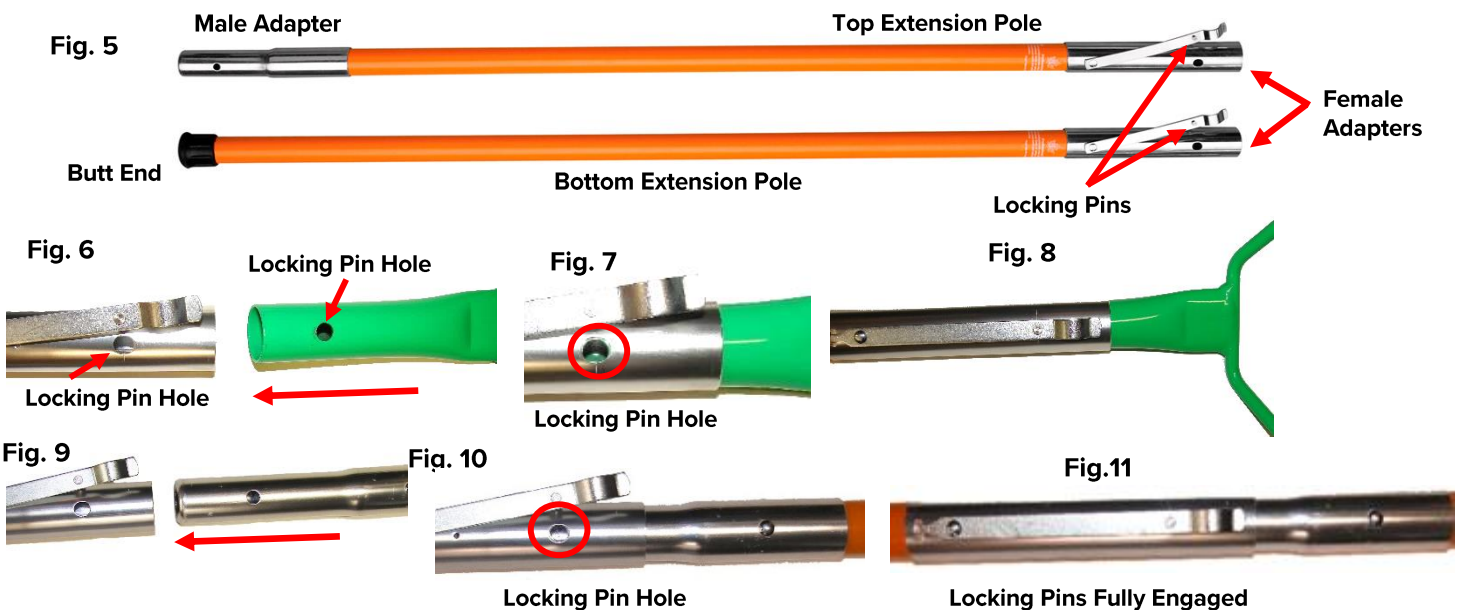


Review of Job Site

1. Observe and inspect the area of work.
2. Determine installation location for the lifeline / climbing line needs to be installed.
3. Locate any hazards in the path of the throw bag / throw line, (anything between the BuckLaunch™ and where the throw bag will land).

Assembling the Extension Poles:

1. Insert the base of BuckLaunch™ head (PN 1027GH) into the female adapter of the top section of an approved extension pole (Fig. 5).
2. Align the locking pin hole on the base of the BuckLaunch™ head with the locking pin hole on the extension pole (Fig. 6 & 7).
3. Insert the locking pin into the locking pin hole on the BuckLaunch™ head (Fig. 8).
4. Insert male adapter of the top extension pole (with BuckLaunch™ head installed) into female adapter of the bottom extension pole (Fig. 9).
5. Align the locking hole on the top extension pole with the locking pin hole on the bottom extension pole (Fig. 9 & 10).
6. Insert locking pin on the bottom extension pole into the locking pin hole on the top extension pole (Fig. 11).
Note: Do not operate the BuckLaunch™ without the locking pins fully engaged in both the BuckLaunch™ head and the two extension pole sections. Failure to do so could result in serious injury or death!



Preparing the Throw Line:

1. Flake the throw line onto a rope tarp (Fig. 12a) or into a bucket or bag. Ensure the tarp, bucket or bag is in front of your launching position. (Fig. 12b).

Fig. 12a

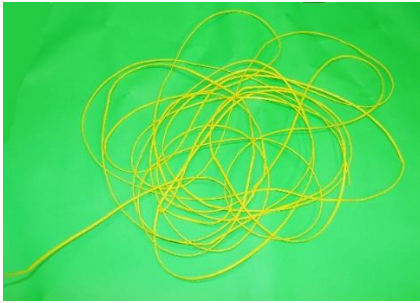
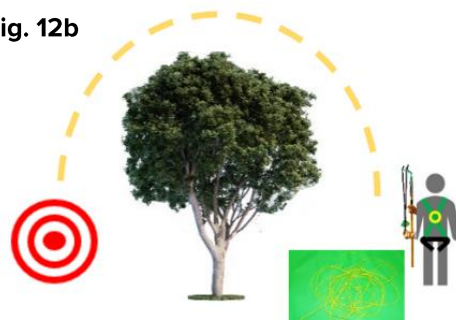


Fig. 12b



Attaching the Throw Line to the Throw Bag Using a Clove

Hitch

1. Pass the end of the throw line around and behind the ring of the throw bag (Fig. 13).
2. Pass the end of the throw line back around the front of the ring (fig. 14).
3. Pass the end of the throw line back under the ring forming a loop (Fig. 15).
4. Pass the end of the throw line back over the ring and through the loop formed in step 3 (Fig. 16).
5. Now pull down on the end of the throw line and up on the throw line above the knot simultaneously tightening the knot onto the ring (Fig. 17a – 17b).

Fig. 13



Fig. 14



Fig. 15



Fig. 16

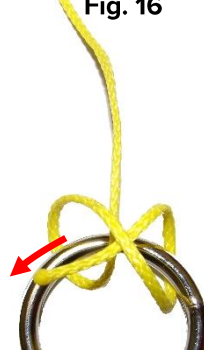


Fig. 17a

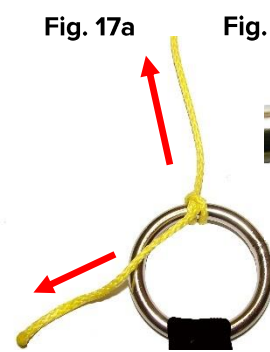


Fig. 17b



Launching the Throw Bag

1. Don all applicable PPE, including but not limited to, eye protection, gloves and helmet.
2. Place the throw bag (with attached throw line) into the BuckLaunch™ pouch (Fig. 18).
3. Position the pole with the arms of the BuckLaunch™ facing away from the user, so that the pole is between the user and the rubber tubing. (Fig. 19 & 20). Never place your face directly behind the tensioned rubber tubing.
4. Assume a kneeling position while pulling the Launch Handle down and along the outside of the pole (Fig. 20). Vary the amount of tension pulled on the rubber tubing based on target distances.
5. Aim the BuckLaunch™ at the proposed target area (Fig. 21).
Note: BuckLaunch™ launches the throw bag in an arched trajectory so you will have to aim above the structure or limb you are trying to get the throw line over.
6. Sound an audible warning (such as “Stand Clear”) to notify anyone in projected target area and surrounding area.
7. Release the Launch Handle to Launch the throw bag with attached throw line (Fig. 22)
Note: If the throw bag misses the proposed target, untie the throwline from the throw bag for easy retrieval. Retrieve the throwline separately. Retrieving the throwline attached to the throw bag can cause the throw bag to become entangled, preventing retrieval.
8. Once the throwline is over the intended target attach one end of the throw line to the lifeline / climbing line (using the clove hitch) and pull into position (Fig. 23 – 24).

Note: if using a friction saver device follow the instructions included with that product.

Fig. 18



Fig. 19



Fig. 20



Fig. 21



Fig. 22

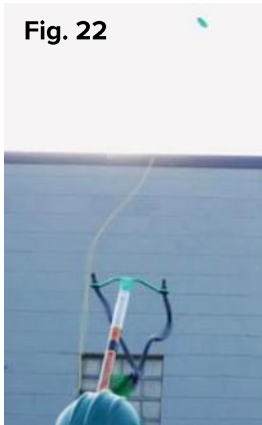


Fig. 23



Fig. 24

Inspection:

BuckLaunch™

- Prior to each use, inspect the head, rubber tubing and pouch for excessive wear, cracks, nicks or cuts.
- Inspect the welds for cracks.
- Verify the tubing is properly installed

Extension Poles

- Prior to each use, inspect for excessive wear, cracks, nicks or cuts.
- Follow Manufacturer's instructions.

If any evidence of wear or deterioration as outlined above is observed, immediately cease use, destroy the product, and replace it with new equipment.

Warnings:

- Know the job and the regulations governing performance requirements and select the proper equipment.
- Read carefully, understand, and heed these and all other included instructions, warnings, and cautions before using this equipment. Failure to do so could result in your serious injury or death.
- This equipment is intended for use by properly trained professionals only.
- Employer – instruct employees as to proper use, warnings, and cautions before use of this equipment.
- The BuckLaunch™ head, arms and rubber tubing must always face away from user.
- Never place your face directly behind the tensioned rubber tubing. When tensioned, the rubber tubing should be on the opposite side of the pole than the user.
- Never aim the BuckLaunch™ at another person or animal.
- Never launch the throw bag over or towards energized power lines or transformers.
- Never launch the throw bag towards or over roadways.
- Ensure the throw bag is fully captured in the BuckLaunch™ pouch when launching. Failure to do so could result in personal injury or death.

- The user must wear personal PPE, including but not limited to, eye protection, gloves and helmet.
- Only use the BuckLaunch™ on approved fiberglass extension poles. Do not use on cracked / damaged or wooden extension poles. Doing so, could result in personal injury or death.

STATEMENT of OBSOLESCENCE:

Precise “useful life expectancy” or “shelf life” for this product is not specified, as the degree of use, conditions of use, and the degree of care and storage determines useful life. All users maintain responsibility to select proper equipment for the job, be properly trained in its use, and ensure all personnel support equipment passes inspection before each use. Upon evidence of defects, damage or deterioration, all equipment shall be removed from service immediately and tagged or marked as unusable or destroyed. Additionally, all equipment shall be inspected on a regular basis not to exceed one year by a Competent Person, as defined by OSHA/ANSI, to verify that the equipment is safe for use. In the event of any question or concern regarding the condition of such equipment, users shall remove the equipment from service for further inspection. All users must comply with OSHA/ANSI/ASTM standards prior to and in using such equipment. For more information regarding safe and appropriate use of equipment, please contact Buckingham Manufacturing at 1-800-937-2825.

INTERNATIONAL USERS:

Notwithstanding the above, please know that certain international jurisdictions require manufacturers of equipment to provide customers with a maximum useful lifespan (sometimes referred to as a “Statement of Obsolescence”). To the extent required, Buckingham personal protective equipment manufactured from synthetic fiber materials including but not limited to items such as webbing and/or rope are subject to a maximum useful lifespan of ten (10) years from the date of manufacture. As stated above proper usage, storage, maintenance, and care impacts the useful lifespan of equipment. Extreme circumstances may require that product must be retired after only one use. This statement is made in conformance and compliance with BS EN 365:2004. International users must ensure that product inspections are completed by Competent Persons as defined by international standards including but not limited to British Standard (“BS”). If equipment fails any inspections, it must be immediately withdrawn from service and destroyed. For more information regarding safe and appropriate use of equipment, please contact Buckingham Manufacturing at 1-800-937-2825.

OUR GUARANTEE:

We guarantee the equipment we manufacture to be free from defects in material and workmanship. We will repair any equipment deemed to be defective which is returned to us by the original purchaser. However, this guarantee is void if any product is changed or altered in any way, or if the product is used in a manner other than for which it is intended. This express guarantee supersedes all other expressed or implied guarantees, obligations or liabilities. There are no implied warranties of merchantability or fitness for a particular purpose and as such, all implied warranties are specifically disclaimed.

LIMITATION ON LIABILITY:

In no event will Buckingham or buyer be liable to the other for lost revenues, lost profits or any other indirect, consequential, special or punitive losses or damages, however caused, whether in action for breach of contract, strict liability, tort, or otherwise, even if advised of the possibility of such losses or damages. In no event will Buckingham’s liability exceed the total amount paid by the buyer to Buckingham for the product or equipment giving rise to such claim(s).

Please see other terms and conditions relating to this product at <https://buckinghammfg.com/terms-conditions/>

REGISTRATION:

Before use of the product, ensure to register and confirm the product at www.buckinghammfg.com/register.

BUCKINGHAM MFG.
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www.buckinghammfg.com