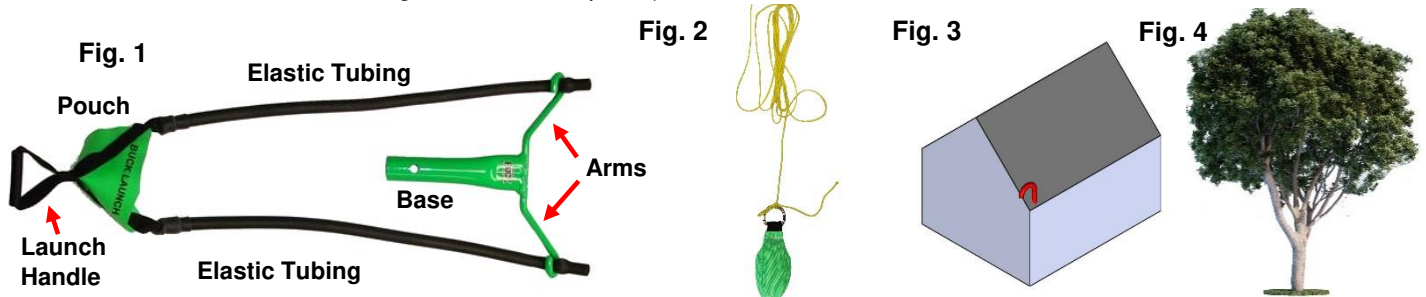


BUCKINGHAM MFG.

BuckLaunch™ Instructions / Warnings

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).



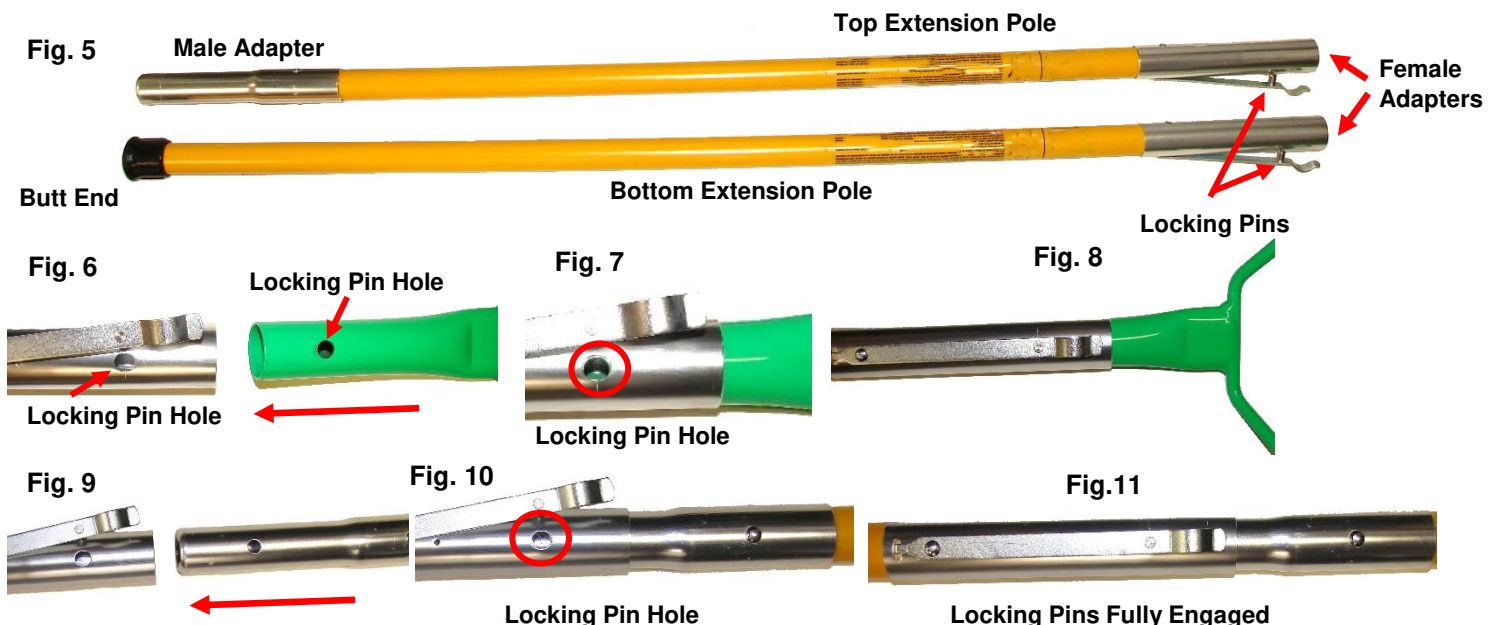
Review of Job Site

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

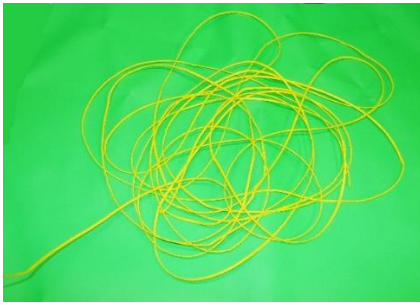
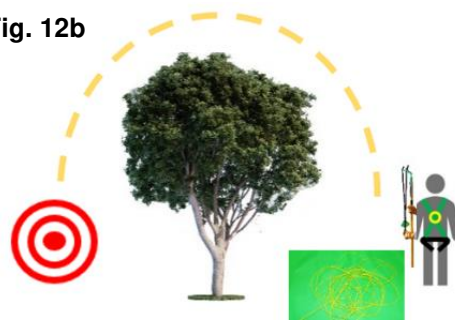


Fig. 12b



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

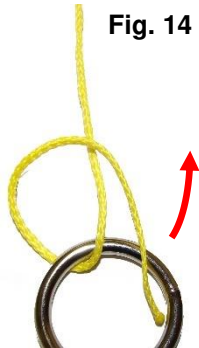


Fig. 15



Fig. 16

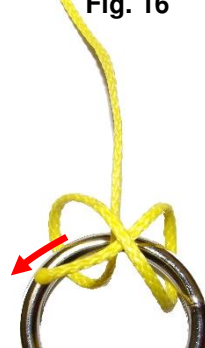


Fig. 17a

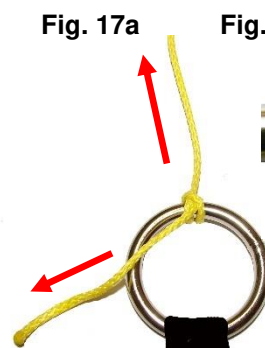


Fig. 17b



Launching the Throw Bag

1. Place the throw bag (with attached throw line) into the BuckLaunch™ pouch (Fig. 18).
2. With the arms of the BuckLaunch™ facing away from the user, pull the pouch down and along the stick (Fig. 19).
Note: Vary the amount of tension pulled on the elastic straps based on target distances.
3. Aim the BuckLaunch™ at the proposed target area (Fig. 20).
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.
4. Sound an audible warning (such as “Stand Clear”) to notify anyone in projected target area and surrounding area.
5. Launch the throw bag with attached throw line (Fig. 21)
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.
6. 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. 22 – 23).
Note: if using a friction saver device follow the instructions included with that product.

Fig. 18



Fig. 19



User

Fig. 20



Fig. 21

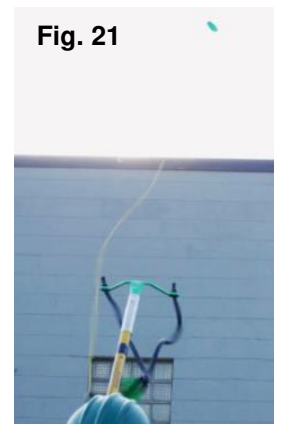


Fig. 22



Fig. 23



Inspection:

BuckLaunch™

- Prior to each use, inspect the head, elastic 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 elastic tubes must always face away from 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.

Buckingham Mfg. Co.

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Information contained in these written instructions supersedes all other information (written, audio, video etc.) produced by Buckingham Mfg. prior to the revision date of this document.