



# Hali-Brite®

## Hali-Brite Tipdown Towers Operating Instructions

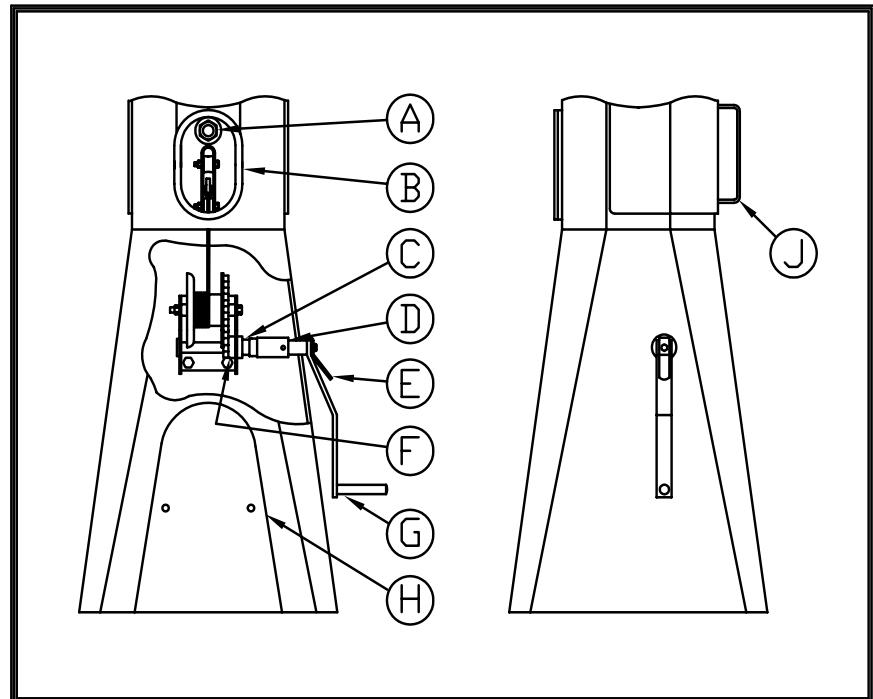
### WARNING

To avoid bodily harm, keep everyone clear of the pole while lowering or raising it, and ensure hands are kept away from the area between the counterweight and the pole shaft.

Do not allow oil or grease to come into contact with the friction brake pad disc or the nylon washer disc between the handle and housing. This may cause the pole to slip or fall. Use brake pad contact cleaner to remove any oil or grease before using the winch

Hali-Brite, Inc.  
1119 Madison Street  
Brainerd, MN 56401

www.halibrite.com  
 Ph: 218.454.0956  
 Fax: 218.454.0972



The Tipdown Pole is designed to be lowered by two people following this procedure.

- 1) Remove and set aside the handhole cover using a 3/16" allen wrench
- 2) Remove the 3/4" retaining nut and washer (A) using a 1 1/4" socket wrench
- 3) Remove and set aside the H-base door (H) using the 3/16" allen wrench
- 4) Remove the crank handle (G) from the H-base and insert it into the winch tube (D), ensuring that the crank handle is fully engaged in the winch tube.

**CAUTION!** Ensure that the crank handle is secure and does not slide out during the lowering or raising of the pole

- 5) While one person unwinds the cable by turning the crank handle (G) counterclockwise, the other person uses the counterweight handle (J) to pull the counterweight shaft away from the pole until the cable stays taut on its own.

**IMPORTANT!** The winch cable must remain taut at all times to prevent the cable from spooling off the drum.

- 6) Gently lower the pole to the service position using the crank handle (G).

**WARNING!** NEVER release the crank handle while lowering or raising the pole unless the brake is completely engaged and supporting the load.

Engage the brake by turning the crank handle clockwise until you hear the ratchet pawl engage. Then, release your hand from the crank handle.

Releasing the crank handle before engaging the brake may cause the winch to free spool, potentially resulting in bodily harm or property damage.

- 7) Upon completing the service, raise the Tipdown pole by turning the crank handle clockwise, ensuring the ratchet pawl makes a distinct clicking sound.