



## **11' DRYWALL GYPROCK PANEL LIFTER**

CTPLFT11FTA



# SAFETY & WARNINGS

## Important precautions

**WARNING:** To protect against serious injury, use common sense and observe the following precautions when operating the drywall lift.

- Read and understand these instructions before operating and pay close attention to all warnings.
- Always inspect the unit carefully before each use, paying special attention to the condition of the cable.
- Always allow the lift to reach room temperature before use. Moving a cold unit into a warm room can cause condensation, which could affect the operation of the winch brake.
- Always be sure the brake drum is clean and dry before operating.
- Never use the lift if either cross-arm support is not secured by its locking spring tab.
- Always keep the work area free of obstructions.
- Always wear a hard hat when operating this lift.
- Always watch for overhead obstructions when lifting the drywall panel.
- Never use the lift for any purpose other than lifting a drywall panel.
- Never lift more than one sheet of drywall at a time. Never lift more than 68kgs.

# OVERVIEW

- The drywall lift allows one person to lift a drywall panel that is up to 122 x 487cm in size without assistance. The panel can be raised to a maximum height of 335cm for attachment to level ceilings, or (with the lift's cradle tilted) to sloped ceilings or sidewalls.
- The lift's cradle lowers to 86.4cm off the floor for easy panel loading and can support up to 68kgs.

# ASSEMBLY

## Components

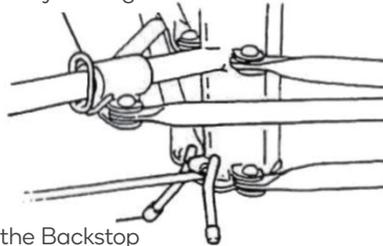
The drywall lift is shipped as several components that must be assembled before use:

- Tripod base assembly.
- Frame assembly, which includes a winch assembly and standard (122cm) telescoping lift sections.
- Cradle assembly, without its detachable crossarms.
- Two cradle crossarm assemblies.

## Assembly Procedure

1. Set up the tripod base:
  - a. Set the base on the floor, resting on its casters.
  - b. Press down on the slide yoke ring. Hold the ring down while you swing the two forward legs out until the yoke ring snaps back place into the locking hole on the bottom of the slide tube (see Figure 1).
  - c. To prevent the tripod base from rolling backwards during assembly, lower the backstop as shown.

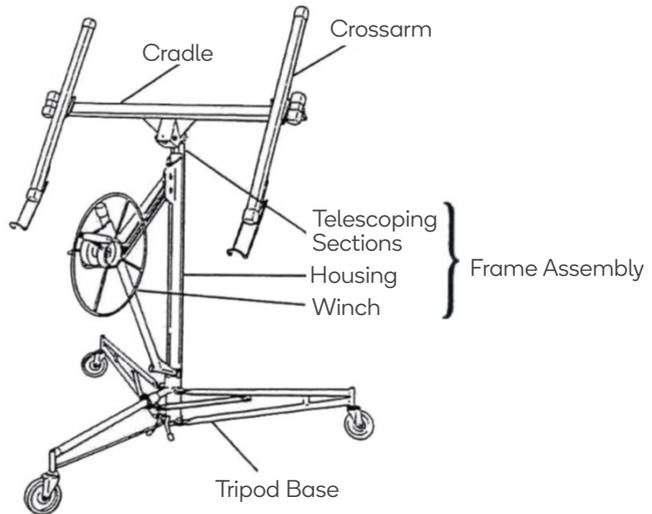
Press down on slide yoke ring



Set (lower) the Backstop

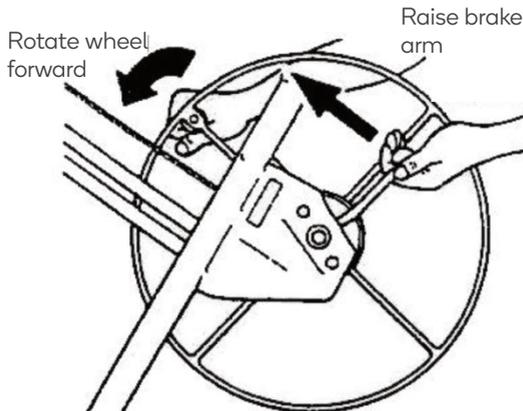
2. Set the frame assembly onto the two “V” angles on the tripod base and lower the frame about 1 inch. until it is secured by the angles.

Before continuing, be sure the frame is pushed down and is held securely by the angles.



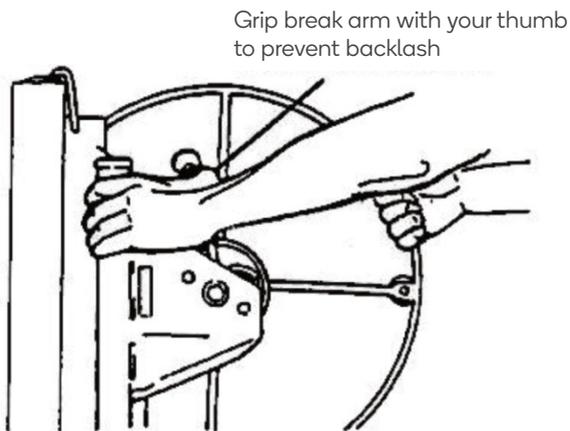
**Components**

3. Attach the handle to the winch wheel. Tighten the nut and then back it off slightly so the handle turns freely.
4. Move the winch assembly into its working position:
  - a. Hold the winch wheel and brake arm as shown in Figure 2. Rotate the winch wheel forward slightly while you lift and release the brake arm.



**Figure 2**

- b. Raise the brake arm all the way up. Grasp the winch post and grip the brake arm firmly with your thumb (Figure 3).



**Figure 3**

- b. Place one hand on top of the frame. Continue to grip the brake arm to prevent cable backlash and pull the winch assembly toward you (see Figure 4 below).

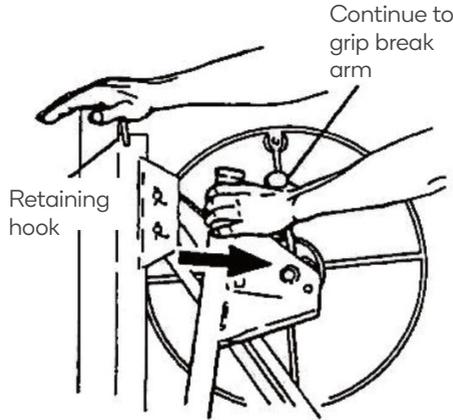


Figure 4

- c. When the winch is fully extended (away from the frame housing), release the brake arm and swing the retaining hook away so it no longer secures the telescoping sections inside the frame housing.
5. Press the winch assembly slightly back toward the frame. This automatically engages the slide bar lock to keep the winch fully extended. (Figure 5)

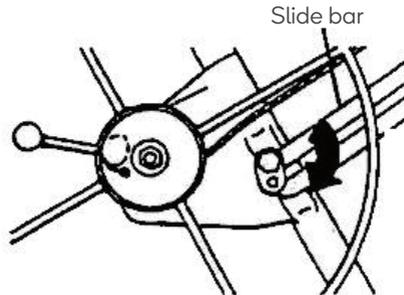
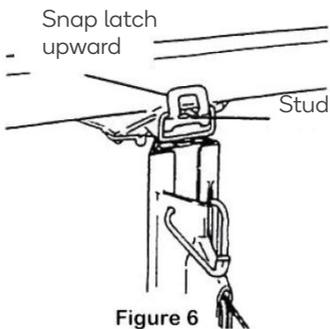


Figure 5

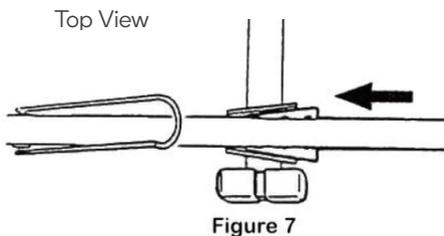
**WARNING:** Before continuing, be sure that the slide bar lock is fully engaged (rotated clockwise as far as possible).

To avoid injury, the slide bar lock must be fully engaged if winch assembly is extended.

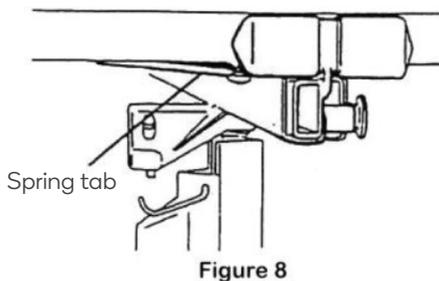
6. Attach the cradle to the frame (Figure 6).



- a. Insert the cradle's post into the opening on top of the frame.
- b. Secure the cradle to the frame by snapping the tilt latch upward so it hooks over the stud on the cradle.
7. Attach the crossarms to the cradle (the crossarms are interchangeable):
- a. Slide the tapered plates on the crossarms into the tapered sockets on the cradle (Figure 7).



- b. Press each crossarm forward into the socket until the spring tab on the bottom of the crossarm snaps into place (Figure 8).



## Disassembly

To disassemble the drywall lift for transport or compact storage;

1. Crank the cradle down.

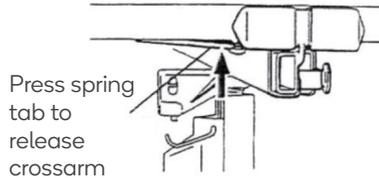


Figure 21

2. Slide the cradle outriggers in until they latch. Close the panel support hooks.
3. Remove the crossarms by pressing the spring tab on the bottom and sliding the crossarm out of the tapered socket.

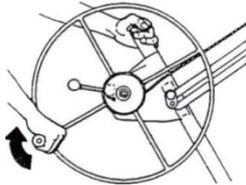


Figure 22

4. Unlock the cradle tilt latch. Lift the cradle ~7cm until you can remove it from the frame.
5. Rotate the winch wheel one full rotation forward as shown. This will raise the inner telescoping section.

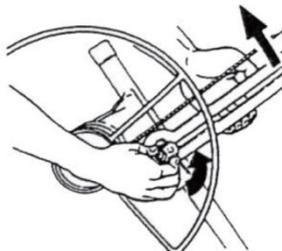


Figure 23

6. Unlock the winch assembly by lifting the slide bar with your left hand while you rotate the slide bar lock counter-clockwise with your right hand.
7. Hold the slide bar lock in this disengaged position (step 6). Press down on the telescoping sections in the frame with your left hand. The winch assembly will move toward the frame housing.

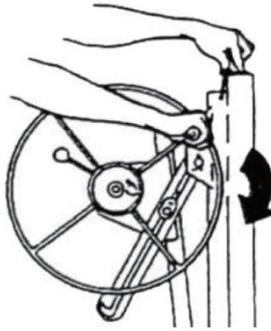


Figure 25

8. Crank the telescoping sections down. Swing up the retaining hook as shown and crank the telescoping sections back up slightly until secured by the hook.
9. Hold the retaining hook in this position with your left hand and rotate the winch forward with your right hand. The winch assembly will fold up against the frame. When the slide bar contacts the frame, tighten the cable by turning the wheel further (just enough to hold the winch assembly in this position).

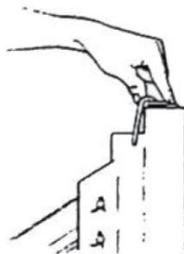


Figure 24

10. Carefully lift the frame/winch ~2.5cm to free it from the tripod base.
11. To fold the base, press down on the slide yoke ring and pivot the forward legs inward until they lock in the closed position.

# OPERATION

## Slide yoke ring

Press down on the slide yoke ring to unlatch the two forward legs so they can be rotated out to the lift's working position or into its storage position. A spring-loaded pin snaps into a hole on the bottom of the slide tube to lock the folding legs position.

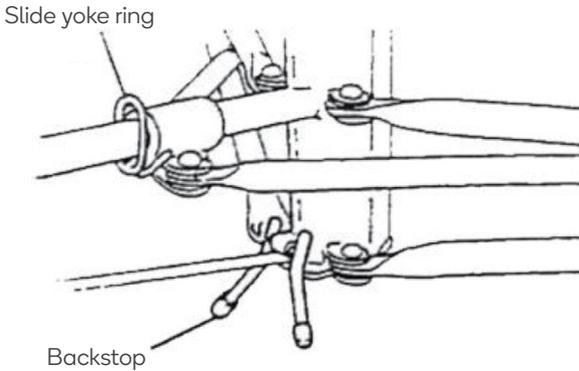


Figure 9

## Backstop

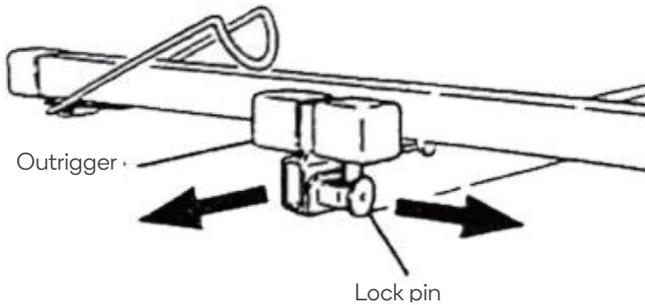
Pivot the backstop down to prevent the base from rolling backwards, or up to allow the unit to wheel freely.

## Outriggers

The outriggers on the crossarms extend for supporting a longer drywall panel.

To extend an outrigger, pull out the lock pin with your right hand until you can slide the outrigger out with your left hand.

The lock pin can engage to lock the outrigger at one of three positions: Fully retracted; extended 53cm or extended 87cm. (see the mark)



**WARNING:** Never load a drywall panel or operate the Lift if the lock pins are not engaged at one of these three positions, or if the outriggers are extended beyond the 56cm position.

To avoid damaging them, always fully retract the outriggers before transporting or storing the lift.

## Panel support hooks

Open the support hook on each crossarm to support the drywall panel when it is being loaded or when the cradle is tilted.

To avoid damaging them, always close the support hooks before transporting or storing the lift.

Panel support hook

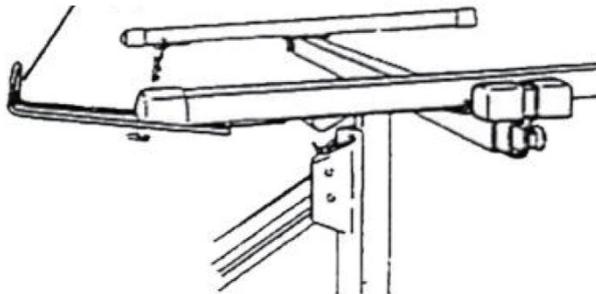


Figure 11

## Slide bar lock

The slide bar lock holds the winch assembly at its operating (fully extended) position.

To fold the winch assembly against the frame (when disassembling the unit for transport or storage), disengage the lock by turning it counter-clockwise as you lift on the slide bar.

When you reassemble the unit for operation, extending the winch assembly all the way and then pressing it back slightly toward the frame automatically engages the lock.

Never tighten the nut on the slide bar lock or you will be unable to fold up the unit for transport and storage.

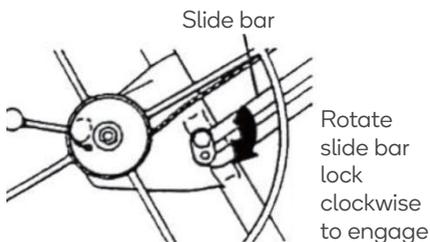


Figure 12

## Tilt latch

To allow the cradle to tilt (for loading a drywall panel or raising the panel to a side wall or sloped ceiling) or to remove the cradle from the frame, pivot the tilt latch out and down. To lock the cradle onto the frame without tilting, pivot the latch up to engage the stud on the cradle.

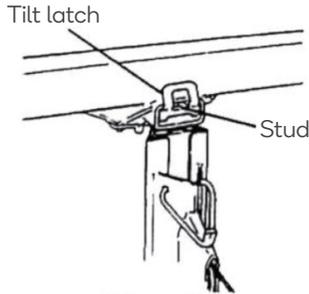


Figure 13

### Note:

When it is in the level (non-tilted) position, the cradle will also tilt up to 10° side-to-side.

## Brake arm

A spring-loaded brake holds the cradle at whatever height you raise it by cranking the winch wheel. To lower the cradle, control the backward rotation of the winch by grasping the wheel handle as you carefully raise the brake arm to release the brake.

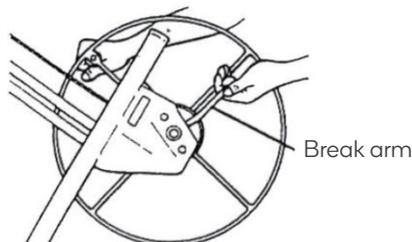


Figure 14

## Winch wheel, handle, and post

Cranking the winch (using the wheel handle) coils or uncoils the cable that raises or lowers the cradle.

Grasp the post for leverage when cranking the winch.

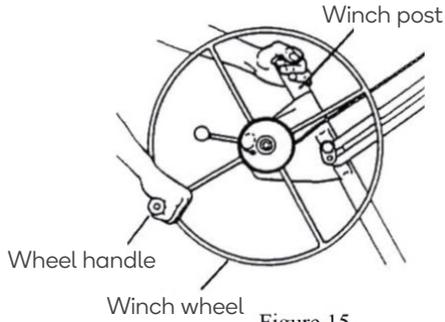


Figure 15

## Retaining hook

The retaining hook secures the telescoping sections inside the frame, for transport and storage.

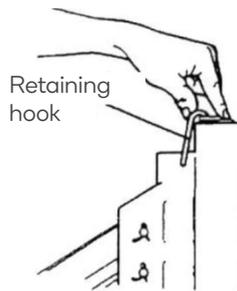


Figure 16

## Operating Procedure

**WARNING:** Ensure to thoroughly read and understand the “Important Precautions” in “Safety & Warnings” above before operating the lift.

### Safety check before operation

Before you begin operating the lift each time:

- Inspect the unit carefully for wear or damage. Pay special attention to the cable.
- Be sure the lift is at working room temperature before operating.
- Be sure the winch brake drum is clean and dry before operating.

### **WARNING:**

- To avoid serious injury, follow all “Important Precautions”.
- Always wear a hard hat when operating.
- Use only for lifting drywall panels
- Lift only one panel at a time.
- Never lift more than 68kgs.

## To load a drywall panel

1. Set (lower) the backstop so the lift will not roll backwards (see “Backstop” above).

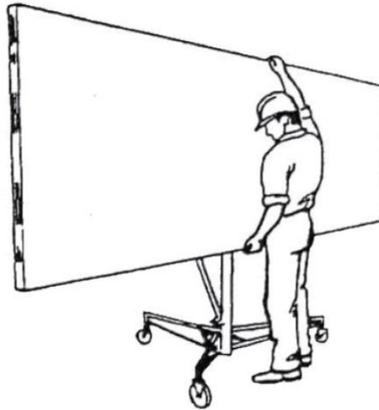


Figure 17

2. Swing open the panel support hooks on the two crossarms. Be sure the cradle is turned so the support hooks are on the opposite side from the winch wheel.
3. Extend the crossarm outriggers on the cradle as needed to fully support the length of the drywall panel (see “Outriggers” above).
4. Release the tilt latch to tilt the cradle (see “Tilt Latch” above).
5. Hold the drywall panel with its face paper toward the tilted cradle and load the panel onto the lift as shown. Set the panel onto the support hooks and carefully lean it against the crossarms.
6. If installing the panel on a flat ceiling, tilt the cradle back up to its level position and lock the tilt latch.  
If installing the panel on a side wall or a sloped ceiling, leave the cradle tilted.
7. Raise the backstop on the base and carefully roll the lift close to the position where the panel will be installed.

## To raise the panel

**WARNING:** Always lower the backstop before raising the panel to a sloped ceiling or a sidewall.

Crank the winch wheel in the direction shown (holding the post for leverage) until the panel is at the desired height.

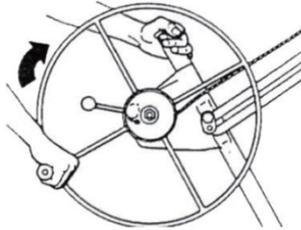


Figure 18

The brake is spring-loaded to automatically hold the cradle at the selected height when you stop cranking.



Figure 19

## To lower the panel

1. Grasp the wheel handle with your right hand so you can restrain the backward rotation of the winch.
2. Retain your hold on the winch handle. Carefully release the brake with your left hand and slowly rotate the wheel back to lower the cradle to the desired height.

## Disassembly and storage

Always store the lift in a dry protected area. To disassemble for more compact storage, refer to “Disassembly” above.

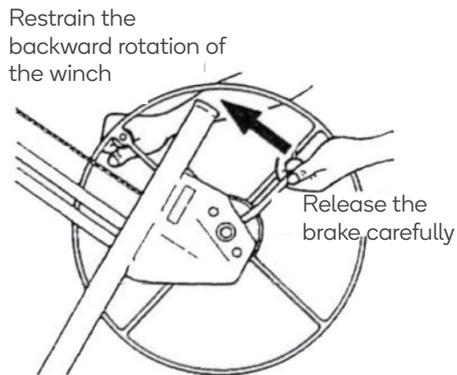


Figure 20

### **WARNING:**

- To avoid serious injury, watch for overhead obstructions when raising panels.
- The cradle drops rapidly when the brake arm is released.
- Control the winch with one hand on the wheel handle before releasing the brake.

# CLEANING & CARE

## Maintenance

- Inspect the cable before each usage. Replace it at the first sign of wear (refer to the instructions supplied with the replacement cable).
- Occasionally oil the cable pulleys. Crank up the telescoping sections for access to the internal cable pulley. Never allow oil or grease to contact the surface of the winch brake drum.
- Occasionally oil the castor bearings.
- If the telescoping sections of the frame do not operate smoothly, apply household paraffin to the sliding surfaces.

### **Need more information?**

We hope that this user guide has given you the assistance needed for a simple set-up. For the most up-to-date guide for your product, as well as any additional assistance you may require, head online to **[help.kogan.com](https://help.kogan.com)**

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