

**THE DRYWALL LIFTER**  
**PANELLIFT®**

Covered by one or more of the following patents: 3,828,942 5,368,429 5,586,619 5,984,605 7,556,464 7,726,901 7,828,506 7,726,901 Other patents pending.

**OPERATOR'S MANUAL**

**For Model 138-2**



**⚠ WARNING ⚠**

Read and become familiar with this manual **BEFORE** operating unit.

Before operating this equipment, thoroughly read this set of instructions, make sure you understand them, and only then follow the step-by-step directions. Failure to do so could result in serious property damage and / or serious bodily injury.

MADE BY **Telpro Inc.**®

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# ⚠ Warning ⚠

Read and follow these warnings and the instructions that follow. Failure to do so could result in serious property damage and/or serious bodily injury.

• **BEFORE** operating this equipment, thoroughly read this set of instructions, make sure you understand them, and only then follow the step-by-step directions. **FAILURE TO READ AND FOLLOW THESE INSTRUCTIONS** could result in failure of the equipment. Failure of the equipment while the lift is raised can include a sudden and rapid lowering of the lift and load possibly resulting in serious property damage and/or serious bodily injury.

• Use and maintenance of the PANELLIFT® Drywall Lift shall be limited to authorized personnel who are trained in the proper techniques for its safe operation and maintenance and who are familiar with the various hazards of overhead material handling.

• It shall be the responsibility of the owner of the PANELLIFT® Drywall Lift to keep the product properly maintained.

• As with any lifting equipment, **ALWAYS WEAR A HARD HAT** when operating the PANELLIFT® Drywall Lift. Failure to do so could result in serious bodily injury.

• **DO NOT ATTEMPT TO USE YOUR PANELLIFT® Drywall Lift IF ANY PART IS MISSING, DAMAGED OR WORN. ORDER A REPLACEMENT PART IMMEDIATELY.** Using a PANELLIFT® Drywall Lift with missing, damaged or worn components can result in failure of the unit and possibly severe property damage and/or serious bodily injury.

• **INSPECT THE CABLE BEFORE EACH USE. REPLACE AT THE FIRST SIGN OF WEAR.** A worn, damaged or improperly installed cable can fail resulting in a sudden and rapid lowering of the lift and the load and possibly resulting in serious property damage and/or serious bodily injury. Inspect the cable by disassembling the telescoping system as shown in steps 1-3 on page 13 of this manual and examine the full length of the cable for signs of damage or wear. Reassemble and replace the telescoping sections according to steps 9-13 on pages 15-16 of this manual.

(See page 11 for general standards for cable inspection.)

• **The weight capacity of the PANELLIFT® Drywall Lift is 150 lbs. (68 kg). DO NOT load the unit beyond this limit.**

**Load only one sheet of wallboard at a time.** Failure to follow this warning can result in damage to the PANELLIFT® Drywall Lift contributing to a sudden failure of the machine and serious property damage and/or serious bodily injury.

• **DO NOT ROLL** a loaded PANELLIFT® Drywall Lift while the load is raised. Always keep the load lowered until the lift is in place beneath the space in which the loaded wallboard will be installed. Rolling a PANELLIFT® Drywall Lift while the load is raised can result in tipping the lift and load possibly resulting in serious property damage and/or serious bodily injury.

• Operate the PANELLIFT® Drywall Lift only on hard, flat, level surfaces free of obstructions, debris, clutter, pits, holes or openings. Failure to follow this warning can result in tipping the lift and load possibly resulting in serious property damage and/or serious bodily injury.

• The PANELLIFT® Drywall Lift is designed exclusively as a material lift and shall be used for no other purpose. The PANELLIFT® Drywall Lift is not a personnel lift or platform and shall not be used as such. Using the PANELLIFT® Drywall Lift for purposes other than a material lift can subject the unit to stresses and loads that it was not designed to carry. This can result in failure of the unit which may include a sudden and rapid lowering of the lift and the load possibly resulting in serious property damage and/or serious bodily injury.

• The PANELLIFT® Drywall Lift is made of steel which conducts electricity. **KEEP THE UNIT AWAY FROM LIVE ELECTRICAL WIRES.** Failure to do so could result in electrocution.

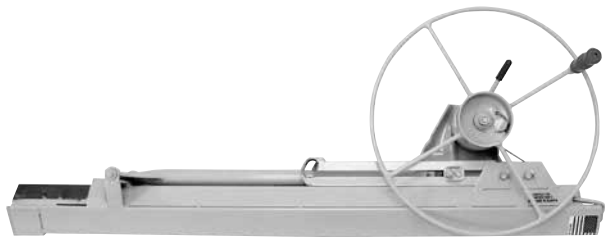
• Use only factory authorized replacement parts. Installation of other parts can compromise the safe design of the PANELLIFT® Drywall Lift and may cause failure of the unit possibly resulting in serious property damage and/or serious bodily injury. Use of non-factory authorized replacement parts will void all warranties.

• Moving the PANELLIFT® Drywall Lift from a cold environment to a warm one may cause condensation to form on metal surfaces creating a potential for malfunction. Such malfunction could possibly result in serious property damage and/or serious bodily injury: Allow the unit to reach working room temperature and check to make sure that the winch brake drum is clean and dry before operating.

• **DO NOT** pass your hand through the spokes on the winch when operating the unit as this could result in serious bodily injury.

Questions? - Call Telpro Inc. Customer Service at 1-800-448-0822 or 701-775-0551

# USER COMPONENTS & SPECIFICATIONS



**A.** Complete frame assembly with winch and standard telescoping sections



**B.** Cradle assembly - less detachable cross arms



**C.** Cradle cross arms (1 pair)



**D.** Complete tripod base assembly

**SHEET QUANTITY CAPACITY**

Single

**LOAD RATING**

150 lbs. (68 kg) DO NOT EXCEED.

**MAXIMUM HEIGHT**

11' (335 cm)  
15' (457 cm) w/ optional extension

**LOADING HEIGHT**

34" (86 cm)

**NET WEIGHT**

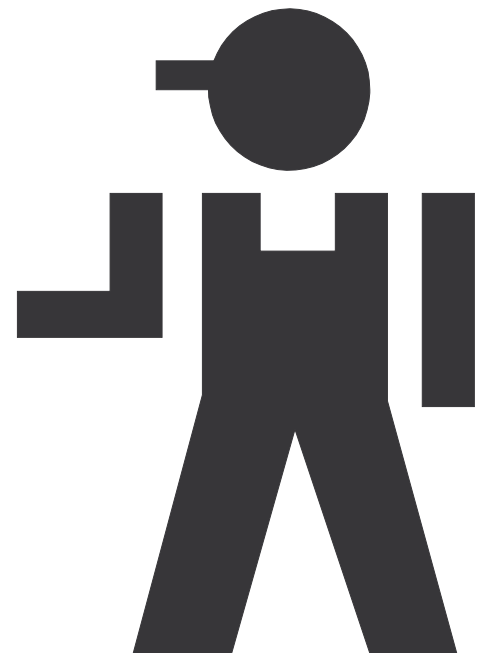
Approximately 100 lbs. (45 kg)

*DESIGNED FOR OPERATION ON HARD, LEVEL SURFACE AT ROOM TEMPERATURE  
IN A DRY ENVIRONMENT **AVOID MOISTURE AND WATER***

**SEE PAGES 1, 3 & 9 FOR IMPORTANT OPERATIONAL WARNINGS**

# CARE AND MAINTENANCE

- Inspect cable FREQUENTLY.  
(At least daily and before each use) Replace at the first sign of wear. (See Warnings on pages 1 & 9)
- Occasionally oil the cable sheaves and caster bearings.
- Store the Panellift® Drywall Lift in a dry place.
- Do not allow grease or oil to contact the surface of the winch brake drum. (Powdered gypsum applied to the brake will help dry the surface.
- Apply household paraffin to the surfaces of the telescoping sections, for smoother action.
- Take reasonable care to avoid damaging the PANELLIFT® Drywall Lift when transporting it.
- Do not hammer on any members or components of the PANELLIFT® Drywall Lift.



# ASSEMBLY



1. Begin by setting up the tripod base: press down on the slide yoke pin clip and swing the outer legs out until they lock in the working position (note the holes on the bottom of the slide tube).



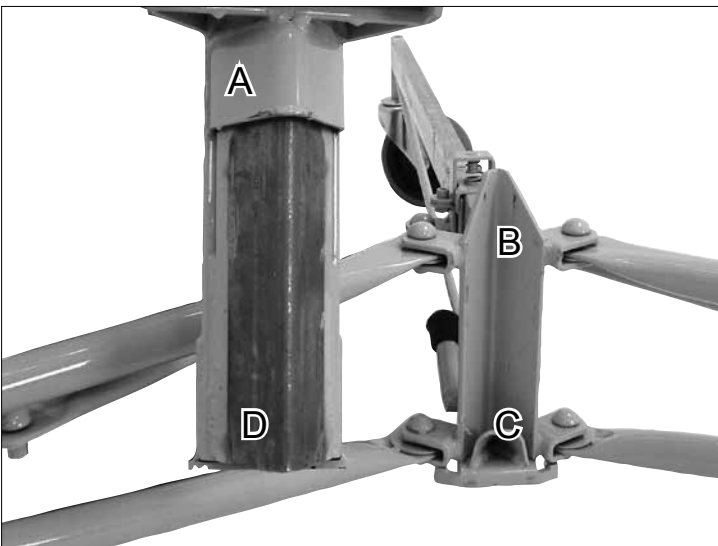
2C. To hold the tripod base in position during this procedure set the backstop as shown.



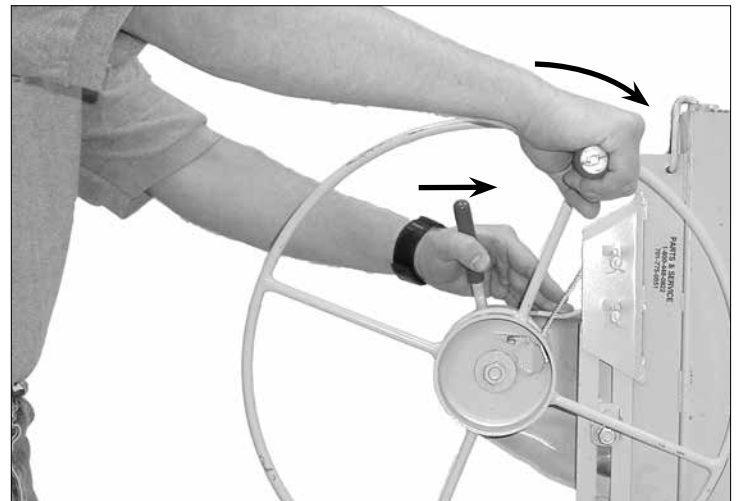
2A. Place the frame assembly on the tripod base.



2D. When the frame is correctly positioned on the tripod base release the backstop.

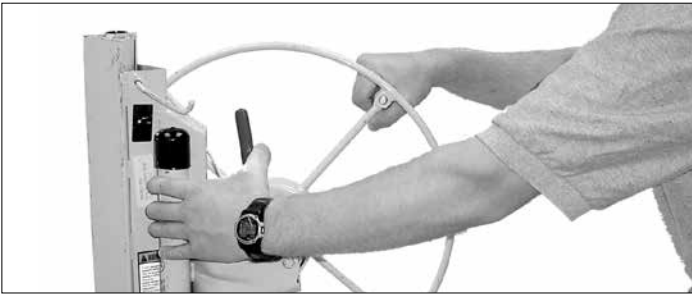


2B. Pocket "A" slides OVER angle "B" while angle "C" slides INSIDE angle "D".

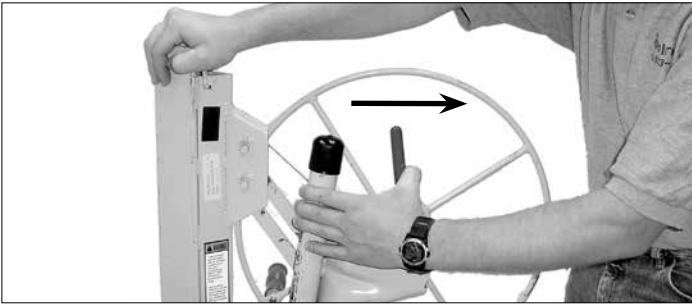


3. To move the winch into the working position rotate the winch forward slightly with your right hand while raising the brake arm with your left hand.

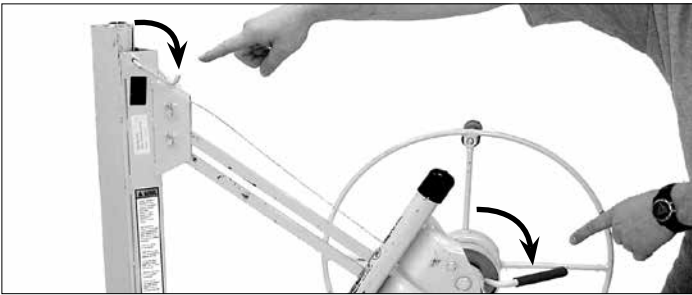
# ASSEMBLY continued



4. Raise the brake arm all the way up, grasp the winch post, and squeeze the brake arm firmly as shown.



5. Place your right hand on top of the frame and pull the winch assembly towards you. While pulling the winch towards you, grip the brake arm sufficiently to prevent back-lash of the cable on the winch.



6. When the winch is fully extended, release the brake arm and swing the retaining hook away from the telescoping sections.



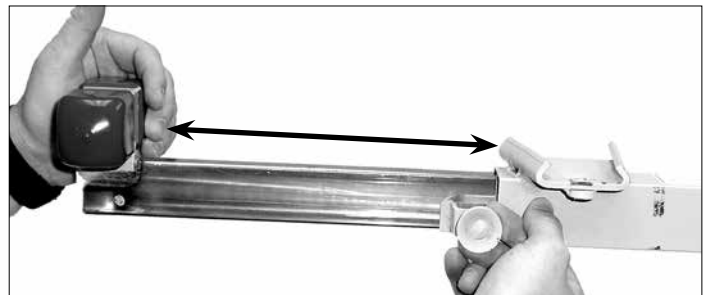
7. Now push the winch assembly back towards the frame. This action will automatically engage the slide bar lock. ALWAYS check to make sure that the slide bar lock is fully engaged by rotating it clockwise as far as possible before proceeding. The illustration shows a fully engaged slide bar lock. NOTE: DO NOT tighten the slide bar lock nut assembly. This will make it impossible to collapse the PANELLIFT® properly for transport and storage.



8. Mount the cradle on top of the telescoping section. Flip out the tilt latch to allow the cradle to tilt for loading and for hanging drywall on sidewalls and sloped ceilings.



9. Place the tapered plates of the cross arms into the tapered sockets on the cradle. The spring tab on the back of the cross arm will lock it into place.



10. To extend the outriggers for use, pull out on the outrigger lock pin with your right hand and slide the outrigger out with your left hand as shown. The lock pin will engage at three different points on the outrigger: fully retracted, extended 21", or extended 33". MAKE SURE that the lock pins are engaged in one of these three positions before loading the unit. DO NOT use the PANELLIFT® with the outriggers extended beyond the 33" point. Retract the outriggers when storing or transporting the unit.

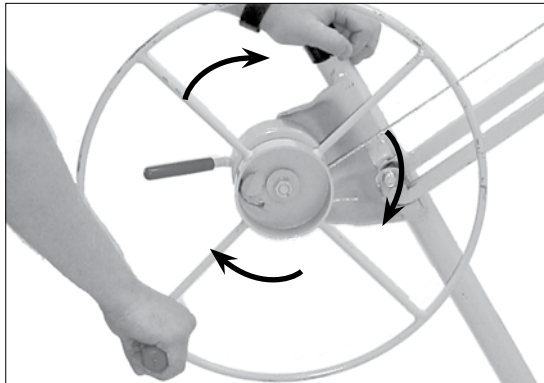
# OPERATION



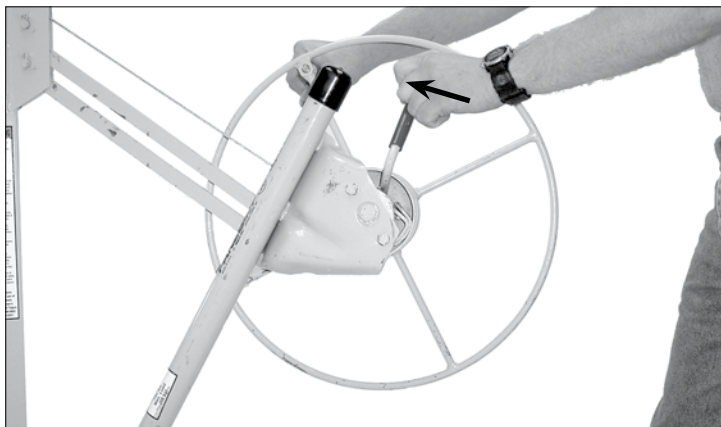
When the backstop legs are set, they keep the unit from shifting while loading wallboard or while installing the frame on the tripod base.



1. To Load: Set the backstop on the tripod base to hold the unit in position. Extend the cradle outriggers to properly support the drywall, tilt the cradle, and swing out the cross arm support hooks. Load the PANELLIFT® Drywall Lift from the front as shown with the face paper of the drywall contacting the cradle. (Note: the optional loader attachment shown on page 29 makes this process even easier.)



2. To raise the PANELLIFT® Drywall Lift rotate the winch wheel in the direction shown. The brake arm is spring loaded to hold the winch automatically at any height.



3. To lower the PANELLIFT® Drywall Lift control the backward rotation of the winch by grasping the winch handle with your right hand BEFORE releasing the brake with your left hand. ALWAYS use this two hand method when lowering the PANELLIFT® Drywall Lift.

4. The PANELLIFT® Drywall Lift will hold drywall in position on sidewalls and sloped ceilings in addition to level ceilings. The cradle also tilts up to 10° longitudinally.

USE THE BACKSTOP ON THE TRIPOD BASE WHEN WORKING ON SIDEWALLS AND SLOPED CEILINGS.

When working on sloped ceilings, start at the peak and work down.



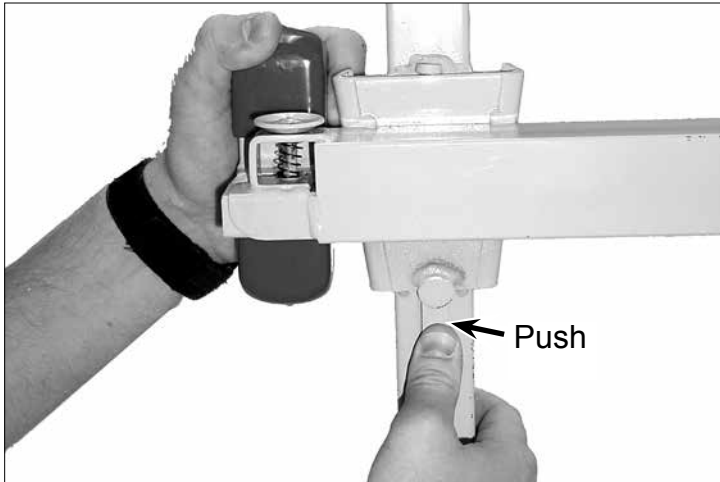
## ▲ WARNING ▲

**DO NOT ROLL**  
a loaded PANELLIFT® Drywall Lift while the load is raised. Always keep the load lowered until the lift is in place beneath the space in which the loaded wallboard will be installed.

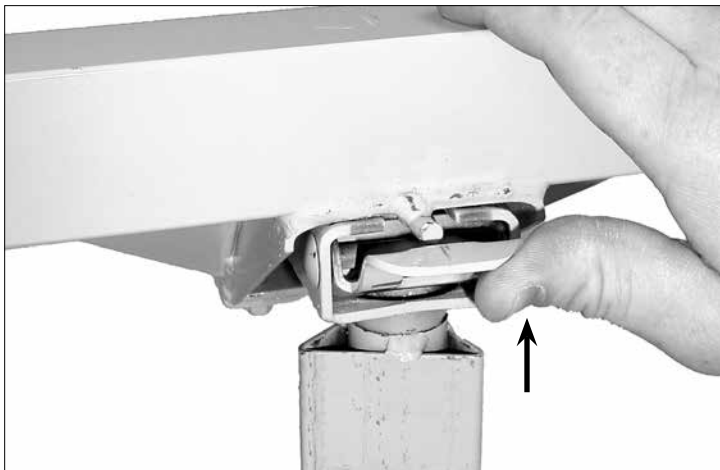
Rolling a PANELLIFT® Drywall Lift while the load is raised can result in tipping the lift and load possibly resulting in serious property damage and/or serious bodily injury.

# DISASSEMBLY

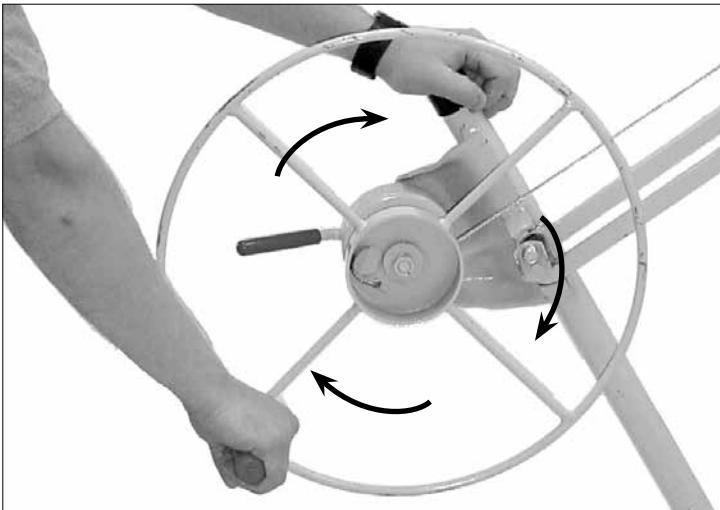
Disassemble the PANELLIFT® Drywall Lift as follows for transport and compact storage.



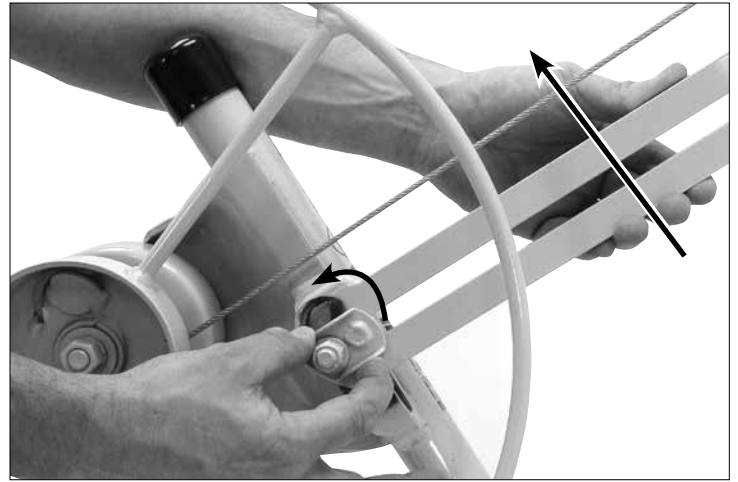
1. Slide the cradle outriggers all the way in.
2. Remove the cross arms by pressing the spring tab on the bottom and sliding the cross arm out of the tapered socket.



3. Lock the cradle tilt latch and lift the cradle off of the frame.



4. Rotate the winch forward one full rotation.



5. Raise up on the slide bar with your left hand while rotating the slide bar lock counter-clockwise with your right hand.



6. While holding the slide bar lock in this disengaged position with your right hand, push down on top of the telescoping section with your left hand. This action will cause the winch assembly to move toward the frame.



7. With the telescoping section all the way down, position the retaining hook over the top as shown.



8. Hold the retaining hook in this position with your left hand and rotate the winch forward with your right hand. This will cause the winch assembly to fold up against the frame. When the slide bar contacts the frame, tighten the cable just sufficiently to hold the winch in the collapsed position.



9. Lift the frame off of the tripod base.



10. To collapse the tripod base, press down on the slide yoke pin clip and swing the legs in until they lock in the closed position.