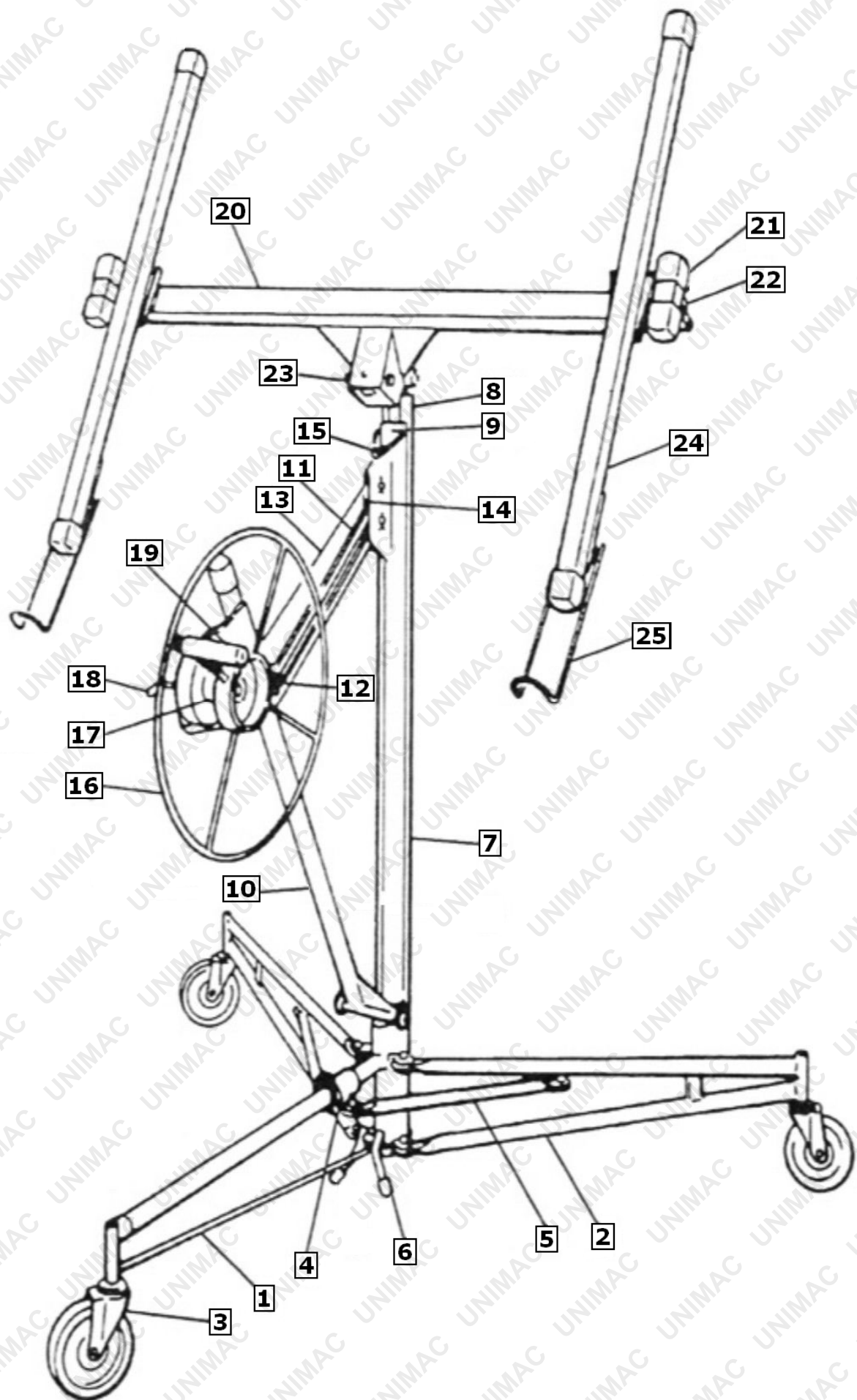




11ft





User manual

1. Introduction

The **11ft** drywall and panel hoist enables drywall panel lifting by a single person.

Thank you for choosing Perel! Please read the manual thoroughly before bringing this device into service. If the device was damaged in transit, do not install or use it and contact your dealer. Damage caused by disregard of certain guidelines in this manual is not covered by the warranty and the dealer will not accept responsibility for any ensuing defects or problems.

2. Safety Instructions



Keep the device away from children and unauthorised users.



Indoor use only.

Keep the device away from rain, moisture, splashing and dripping liquids.



Always wear a (hard) safety helmet when operating the panel hoist.



Always wear protective gloves when operating the panel hoist.



Always wear protective glasses when operating the panel hoist.

Damage caused by disregard of certain guidelines in this manual is not covered by the warranty and the dealer will not accept responsibility for any ensuing defects or problems.

Note that damage caused by user modifications to the device is not covered by the warranty.

3. General Guidelines

Protect this device from shocks and abuse. Avoid brute force when operating the device.

Protected the device against extreme heat, dust and moisture.

Familiarise yourself with the functions of the device before actually using it.

All modifications of the device are forbidden for safety reasons.

Only use the device for its intended purpose. Using the device in an unauthorised way will void the warranty.

Always inspect the device before use. Pay special attention to the steel cable.

Allow the device to stabilize to working room temperature before use. Condensation could affect the proper operation of the winch brake. Always make sure the brake drum is dry and clean.

Do not use the lift when locking springs are not in place.

Watch for overhead obstructions when operating the lift. Keep the working area free of obstructions.

DO NOT use the lift for any other purpose than lifting drywall panels. Do not lift more than one panel at a time and do not lift more than 68kg.

4. Features

Suitable to hoist dry panels

For panels up to 4.88m x 1.22m

Can be used for mounting level and sloped ceilings or walls

Cradle lowers for easy loading

Breaks down in 3 parts for easy moving

No tools required for assembly/disassembly

5. Overview

Refer to the drawing on page 2 of this manual.

#	Description	#	Description
1	Centre leg	14	Pulley
2	Outer leg	15	Retaining hook
3	Caster (with brake)	16	Winch wheel
4	Sliding yoke	17	Winding drum and brake assembly
5	Positioning arm	18	Brake lever with spring
6	Backstop	19	Winch wheel handle
7	Main vertical frame	20	Load cradle
8	Telescopic section – inner part	21	Extendable arm with protective caps
9	Telescopic section – outer part	22	Extendable arm pin lock
10	Winch assembly	23	Cradle mounting head with tilt latch
11	Slide bar	24	Crossbar with protective caps
12	Slide bar lock	25	Hook for panel support
13	Steel cable		

6. Assembly

The drywall lift is composed of 3 main parts:

- Tripod base assembly
- Vertical frame assembly
- Cradle assembly

Tripod base

Mount the casters **[3]** in the tripod base.

Place the base on its casters **[3]** and lower the backstop **[6]**.

Press and hold the ring of the yoke **[4]** down while unfolding the two outer legs **[2]**, until the yoke pin snaps into the locking hole near the centre of the tripod.

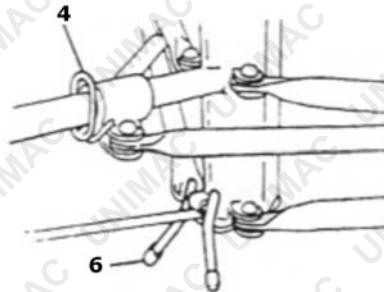


Figure 1

Vertical frame

Install the vertical frame **[7]** in the V-shaped angles on the tripod base. Make sure the frame is pushed all the way down.

Attach the handle **[19]** to the winch wheel **[16]**.

Move the winch assembly **[10]** into working position by holding the wheel **[16]** and brake handle **[18]** as shown in figure 2. Push the brake handle all the way up while rotating the wheel slightly forward, grab the winch arm and secure the brake handle with your thumb to prevent backlash (figure 3).

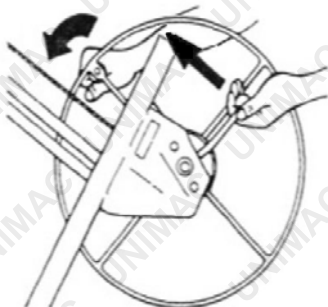


Figure 2

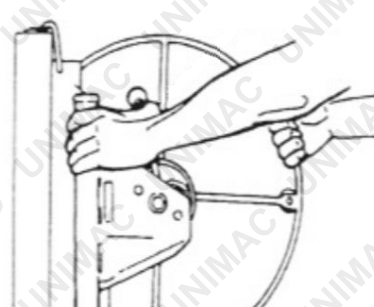


Figure 3

Make sure the retaining hook [15] on top of the frame is preventing the telescopic sections [8][9] to move. Put your right hand on top of the vertical frame [7] and pull the assembly [10] towards you while holding the brake lever.

Rotate the lock [12] at the end of the slide bar [11] as far as possible clockwise when the winch assembly is fully extended to secure the winch assembly position. **Always** check whether the lock is engaged before lifting a load.

Pull the retaining hook [15] away to allow the telescopic sections [8][9] to move freely.

Cradle assembly

Attach the load cradle [20] on top of the vertical frame [7] by inserting the pin of the cradle head [23] into the hole of the inner telescopic section [8]. Make sure that the tilt latch is hooked over the protrusion to avoid accidental tilting of the cradle.

Attach the crossbars [24] to the cradle [20] by sliding the tapered plates of the crossbars into the tapered sockets of the cradle until the flat spring on the bottom of the crossbar snaps in place. The two crossbars are identical.

Slide the extendable arms [21] in the cradle, with the holes facing the pin locks [22] (see figure 4).

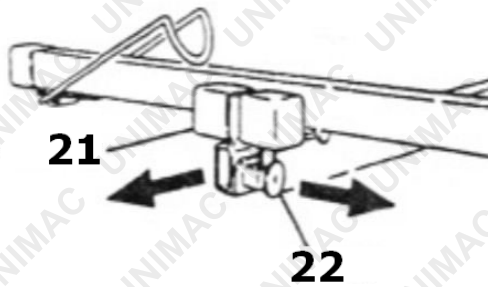


Figure 4

7. Operation

First verify that the lift is not damaged (especially the cable) and that the brake drum [17] is clean and dry. Make sure the lift is at room temperature.

Lock the casters [3] of the lift and lower the backstop [6].

Lower the cradle [20] by turning the winch wheel [16].

Release the tilt latch and tilt the cradle [20].

Position the hooks [25] to support the panel. Turn the cradle so the hooks are facing away from the winch wheel [16].

Extend the arms [21] as far as necessary to support the whole panel. The arms can be extended in 3 positions. For safety reasons, the pin of the pin lock **must always** be secured in one of the holes of the extendable arm. **Do not** use the lift when the pin locks are not secured.

Place a panel on the hooks [25], finish side facing the crossbars [24]. Gently lower the panel onto the crossbars and extension arms.

For ceiling mounting, tilt the cradle horizontally and hook the tilt latch over the protrusion to secure it. Note that there is still about 10° side-to-side slack. For sloped panel mounting, leave the cradle unlatched.

Unlock the casters [3] and raise the backstop [6]. Carefully roll the lift to where the panel needs to be installed.

For sloped or wall panel mounting, always lower the backstop [6] before lifting the panel.

Turn the winch wheel [16] until the panel is at the desired height. **Always** check for overhead obstructions when lifting a panel. Note that the brake is spring-operated, preventing the panel from automatically lowering when releasing the winch wheel.

To lower the panel, hold the winch wheel [16] and slowly release the brake handle [18].

Make sure the panel is sufficiently attached to the wall or ceiling before removing the hoist.

8. Disassembly

To disassemble the lift, lower the cradle **[20]** as far as possible, and slide the extension arms all the way in.

Remove the crossbars **[21]** by pushing on the flat springs and separating the tapered plates.

Unlock the tilt latch and lift the cradle about 8cm to release it from the vertical frame.

Hook the retaining hook **[15]** over the telescopic parts **[8][9]**.

Rotate the lock **[12]** at the end of the slide bar **[11]** counter clockwise and lift the slide bar **[11]**.

Turn the winch wheel **[16]** until the winch assembly **[10]** is tight to the vertical frame **[7]**.

Gently pull the vertical frame **[7]** up while holding the tripod down.

Press and hold the ring of the yoke **[4]** down while folding the two outer legs **[2]**, until the yoke pin snaps into the locking hole near the caster.

9. Maintenance/storage

Keep the brake drum **[17]** clean and dry at all times. Check the drag on a regular basis to ensure proper functioning of the hoist.

Occasionally oil the cable pulleys. To access the inner pulleys, winch the lift up as far as possible.

Occasionally oil the bearings of the casters.

When operation becomes less smooth, apply some household paraffin to the sliding surfaces.

Always store the hoist in a clean and dry area protected from harsh conditions.

10. Technical specifications

lift height	max.	3.35m (11 ft)
	min.	1.22m (4 ft)
	loading	0.86m (34 in)
load weight (max.)		68kg (150lbs)
load dimensions (max.)		4.88 x 1.22m (16 x 4 ft)
Weight		± 48kg

Use this device with original accessories only. Mills International cannot be held responsible in the event of damage or injury resulted from (incorrect) use of this device.



Some experts believe the incorrect or prolonged use of almost any product could cause serious injury or death. For information that may reduce your risk of serious injury or death consult the points below and additionally, the information available at www.datastreamserver.com/safety

- Consult all documentation, packaging and product labelling before use. Note that some products feature online documentation which should be printed and kept with the product.
- Check product for loose / broken / damaged / missing parts, wear or leaks (if applicable) before each use. Never use a product with loose / broken / damaged / missing parts, wear or leaks (if applicable).
- Products must be inspected and serviced (if applicable) by a qualified specialist every 6 months assuming average residential use by a person of average weight and strength, above average technical aptitude, on a property matching average metropolitan specification. Intended use outside these guidelines could indicate the product is not suitable for intended use or may require more regular inspection or servicing.
- Ensure all possible users of the product have completed an industry recognised training course before being given access to the product.

- The product has been supplied by a general merchandise retailer that may not be familiar with your specific application or your description of the application. Be sure to attain third party approval for your application from a qualified specialist before use regardless of prior assurances by the retailer or its representatives.
- This product is not intended for use where fail-safe operation is required. As with any product (take an automobile, aircraft, computer or ball point pen for example) there is always a small chance of a technical issue that needs to be repaired or may require replacement of the product or a part. If the possibility of such failure and the associated time it takes to rectify could in any situation inconvenience the user, business or employee or could financially affect the user, business or employee then the product is not suitable for your requirements. This product is not for use where incorrect operation or a failure of any kind, including but not limited to a condition requiring product return, replacement, service by a technician or replacement of parts could cause a financial loss, loss of employee time or an inconvenience requiring compensation.
- If this item has been purchased in error considering the points above simply contact the retailer directly for details of their returns policies if required.