



Hire and Rental Industry Association Ltd

Product Safety Assessment Sheet

PLANT INFORMATION

PSA Ref #: 00209

Model No: PLIFT

Plant Name: DRYWALL PANEL LIFTER PLIFT

Manufacturer: Crommelins Machinery WA

Manufacturer's Website: www.crommelins.com.au

Web Link for Plant: www.crommelins.com.au

Mandatory Personal Protective Equipment:



Foot Protection



Head Protection



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MACHINERY

RISK ASSESSMENT INFORMATION

Operator Competency: Plant Licence Not Required

Potential Hazard(s)	Risk Level	Control Measure(s)
Entrapment in the winch wheel.	Medium	<ul style="list-style-type: none"> Ensure hands do not pass through the spokes of the winch during operation or injury could result. Keep hands on the outside rim of the winch wheel.
Ergonomics due to constrained body posture or the need for excessive effort.	Medium/Low	<ul style="list-style-type: none"> Do not overload, the unit is designed for one wall sheet only and the maximum capacity is 68kg.
Striking due to uncontrolled or unexpected movement of the plant or material handled by the plant.	Medium/Low	<ul style="list-style-type: none"> Do not overload, the unit is designed for one wall sheet only and the maximum capacity of the unit is 68kg.
Crushing due to overloading or failure of the cable.	Medium/Low	<ul style="list-style-type: none"> Do not overload, the maximum capacity of the unit is 68kg. The unit is designed for one wallboard sheet only. The unit must not be used for any other purpose or any other material. Daily inspection of the cable is required or before each use. Replace if damaged. Follow the instructions provided in the operators manual for the correct inspection and replacement procedure.
Electrocution.	Medium/Low	<ul style="list-style-type: none"> Ensure the unit is not operated in close proximity to any live wires or electrical hazards.

Crushing due to part of the plant Low collapsing.

- Care must be taken to follow the correct assembly procedure provided in the manual. Do not roll a loaded panel lift when the unit is raised or the unit could tip. Load the unit when lowered then raise to position.

Customer Identified Hazard(s)

Key Operating Instructions

To load, set the backstop on the tripod base to hold the unit in position.

Extend the cradle outriggers to properly support the unit, tilt the cradle and swing out the cross arm support hooks.

Load the unit from the front with the face paper of the drywall contacting the cradle.

To raise the panel, rotate the winch wheel in the forward direction. The brake arm is spring loaded to hold the winch automatically at any height.

To lower the unit, 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 unit.

The panel lift will hold drywall in position on sidewalls and sloped ceilings in addition to level ceilings. The cradle also tilts to 10degrees longitudinally.

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

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

Please refer to the User Guide and Operator's Manual for Operating Instructions

The Safety Information on this assessment has been developed for the Hire and Rental Industry to assist in the safe operation of this equipment.

This information contains general information only and should not be relied upon as a substitute for professional advice, which the user should seek before operating.

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