

10m Roof Tile Elevator

Supplied by Centenary Hire | Ph: (07) 3715 9700 | CentenaryHire.com.au



The information contained below IS NOT intended to be a full and comprehensive risk control document. Before commencing work, you should conduct site specific hazard identifications and risk control precautions.

INSTRUCTIONS FOR USE - Please read the Operating Instructions before using the Roof Tile Elevator.

GENERAL SAFETY PRECAUTIONS

Personal protective equipment (PPE) must be worn.



Conduct a risk assessment & display appropriate warning signage and/or barricade the work area from other workers or members of the public.



DO NOT USE IN HIGH WINDS

Use of elevator in high wind conditions could result in significant injury.



DO NOT USE IN WET WEATHER CONDITIONS

Due to electrical power source, use in wet weather or wet conditions can cause electric shock, electric burn or electrocution resulting in serious injury or death.



DO NOT USE NEAR OVERHEAD WIRES

Non- insulated machinery. Keep clear of all overhead electrical hazards.

Contact with overhead wires can cause electrocution resulting in serious injury or death.

SUMMARY OF THE OPERATING INSTRUCTIONS – READ OPERATING INSTRUCTIONS

PRE-START CHECKS

Inspect electrical cord to ensure it is in good condition (no exposed wires, cuts or gashes) and electrical test tag is current.

Inspect belt frame to ensure it is in good condition (no cracks in welds or deformation to structure).

Inspect belt and ensure it is in good condition (no worn through patches, significant cuts or tears).

Inspect roof batten stand to ensure it is in good condition (no cracks in welds or deformation to structure).

OPENING & INSTALLING

1. Ensure elevator wheels are on flat, level ground.

2. Apply brake.

3. Unfold top section of the elevator ensuring that the belt does not become caught or tangled.



CHECK FOR OVERHEAD HAZARDS

MINIMUM 2 PERSON ACTION - Perform opening action in a slow & controlled manner.

4. Lift the lower elevator section so that both sections align and the locking catch engages onto round pins.

5. Install by lifting delivery end of elevator into position. Do not exceed 8m (60 degrees) elevation.



MINIMUM 2 PERSON ACTION

Perform lifting action in a slow & controlled manner.

6. Secure elevator into the roof batten stand within 1.5m from end of elevator.

7. Ensure that slippage & dislodgement at both ends of the elevator cannot occur.

START & USE

1. Connect motor lead to a 240V power source. Do not exceed 20m of extension lead.

2. Turn power switch to FORWARD to operate.

3. Place roof tiles only in front of raised ridges to prevent slippage during travel.



DO NOT OVERLOAD ELEVATOR – RISK OF BELT SLIPPAGE

If belt jams switch motor off, disconnect power source and clear blockage.

UNINSTALLING & CLOSING

1. To uninstall and close the elevator, reverse the steps above.

2. On the ground, lift rear section of the elevator behind the catch and pull the wire to release the catch.

HAZARD IDENTIFICATION & RISK ASSESSMENT – OPERATIONAL

HAZARD	RISK	CONTROL MEASURE
Electrocution.	PROBABILITY: Remote to occasional CONSEQUENCE: Potentially fatal	Do not use in wet or rainy conditions. Do not use extension leads longer than 20m. Ensure all electrical leads are free of moisture. Ensure the power supply is protected by a residual current device. Do not open/tamper with any electrical components. Ensure minimum clearance of 6.4m from overhead power lines.
Crushing or striking by elevator during installation or uninstallation.	PROBABILITY: Remote to occasional CONSEQUENCE: Marginal to fatal	Prevent non-essential people from entering the immediate area during the process using barricades. Do not travel conveyor up/down steep slopes without a secondary means to prevent losing control. Engage a minimum of 2 people of sufficient strength for the weight of the elevator. Ensure a firm grip on the elevator and that body parts are clear of section joints. Ensure that a secondary means is preventing the elevator from falling during the installation lift. Do not exceed 8m elevation or 60 degrees.
Falling from height during installation or uninstallation.	PROBABILITY: Remote CONSEQUENCE: Critical to fatal	Barricade and/or install safety rails at installation point. Use appropriate fall restraint systems / equipment where barricade is not installed.
Crushing, striking or entanglement by/in elevator during use.	PROBABILITY: Remote to occasional CONSEQUENCE: Marginal to fatal	Ensure brake is applied and effective. Ensure locking catch has engaged onto round pins. Ensure roof batten stand is firmly secured to receive elevator within 1.5m from end of elevator. Keep body parts, clothing and accessories clear of moving parts. Stop elevator and disconnect power source before clearing jams or obstructions.
Crushing or striking by material falling from elevator.	PROBABILITY: Remote to occasional CONSEQUENCE: Marginal to fatal	Barricade immediate work area to prevent people walking underneath elevator. Do not overload elevator. Estimated WLL = 125kg Do not place oversize objects on elevator. Do not transport buckets, containers or liquids. Only operate elevator when there is a second person to receive the material. Ensure automatic stop/ start lever is operational. Do not exceed 8m elevation or 60 degrees.
Strains & sprains. (Musculoskeletal injuries)	PROBABILITY: Remote to occasional CONSEQUENCE: Marginal to critical	Ensure correctly lifting techniques are employed during transport, opening / closing, installation / uninstallation. Avoid twisting when loading / unloading elevator.