

## 8.85m / 9m Brick & Block 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 following instructions and safety precautions carefully before using the Brick & Block 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 conditions can cause electric shock, 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.

#### 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 tensioning rods to ensure they are in good condition (holding tension & not stripped).

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

##### 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. Remove the locking pin (on the top side) from the belt storage position.

5. Insert locking pin (on the underside) through the holes at the connection point of both sections of the conveyor frame.

6. Install by lifting delivery end of elevator into position. Do not exceed 6m elevation!



#### MINIMUM 2 PERSON ACTION

**Perform lifting action in a slow & controlled manner.**

7. Secure elevator against falling at delivery end as well as slippage & dislodgement at both ends.

##### START & USE

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

2. Turn power switch to FOR or REV position for desired direction of travel.

3. Place bricks or blocks 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.

**SPECIFICATIONS**

	<b>8.85m Brick &amp; Block</b>	<b>9m Brick &amp; Block</b>
<b>Folded Length</b>	4650 mm	5000 mm
<b>Open Length</b>	8850 mm	9000 mm
<b>Belt Width</b>	140 mm	140 mm
<b>Max Elevation</b>	6 m	6 m
<b>Direction of Travel</b>	Forward & Reverse	Forward & Reverse
<b>Delivery Speed</b>	12 bricks / minute	8 bricks / minute
<b>Weight</b>	140 kg	150 kg
<b>Power</b>	240V / 10Amp	240V / 10Amp

**HAZARD IDENTIFICATION & RISK ASSESSMENT**

<b>HAZARD</b>	<b>RISK</b>	<b>CONTROL MEASURE</b>
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.
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 pin is installed correctly and is secured from working loose. Ensure delivery point of elevator is firmly secured with adequate overlap onto the supporting structure. 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 the elevator with weight. 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. Do not exceed 6m elevation.
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.