Pecolift Tower

INTRODUCTION

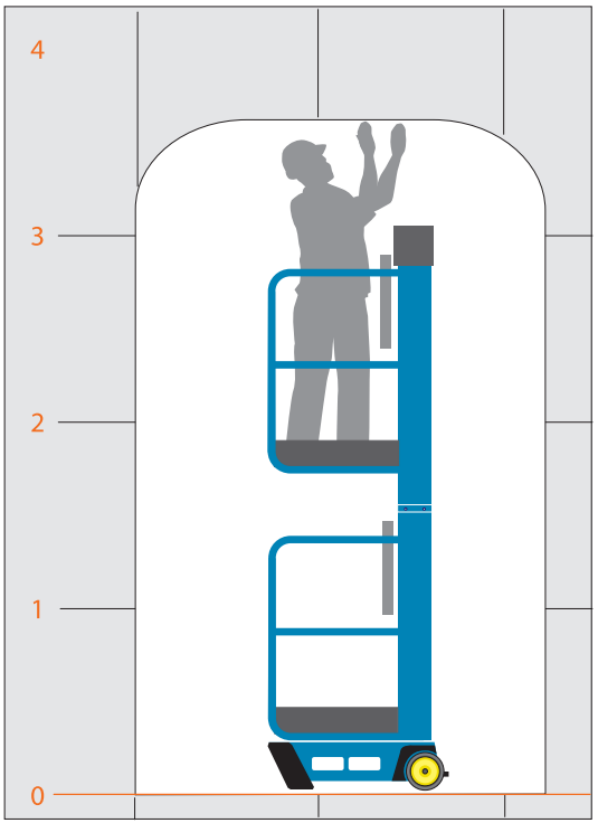
The Pecolift Tower is a simple, safe and efficient alternative to step-ladders, platform/podium steps and small scaffold towers. The Pecolift is the first non-powered, powered access platform. It does not require batteries (or charging) or connection to an electricity supply. It works by a unique, patented stored power mechanism which enables the platform to be elevated with very little effort by the operator.

The Pecolift is designed for working internally on flat, level surfaces, and as it has no batteries, electric motor, electrics or hydraulics it is very ecologically friendly. It is ideally suited to working in a very wide range of applications from the very 'clean' environments of hospitals, food and drinks production facilities, pharmaceuticals and retail, to facilities maintenance, shop-fitting and construction and even on zone 1/21 hazardous areas.

The Pecolift is suitable for any application provided it is used within its specified operating parameters. If used for applications such as sand blasting, welding, paint spraying or with any other hazardous materials, measures must be taken to ensure the Pecolift does not become damaged in any way which may impair safety, or reliability. Additional protection for the operator may be required in some cases, which is the responsibility of the operator and/or the operator's employer.

OPERATING DIMENSIONS

Maximum Working Height:	3.50m
Maximum Platform Height:	1.50m
Platform Dimensions:	720 mm (L) x 600 mm (W)
Working Foot Print:	985 mm x 700 mm
Safe Working Load:	150 Kg (1 person + tools)
Maximum Manual Force:	200N
Maximum Gradient for Operation:	0 degrees
Maximum Wind Force:	Internal use only, 0(zero mph)
Maximum Wheel Force:	125 kg
Maximum Castor Point Load:	125 kg (1.23kN)
Sound Pressure Level:	Less than 70dB(A)



CLOSED DIMENSIONS

Length	985 mm
Width:	700 mm
Height:	1.550 m
Weight:	180Kg

PRE-OPERATION CHECKS

1. Visually inspect the Pecolift for any signs of damage to handrails, platform tray, chassis and mast lifting structure including mast fixing bolts.

2. Check castor and wheels rotate freely and are undamaged.

3. Check castor (pic 1) and wheel fixings (pic 2) are secure.

4. Check that the front rubber chassis feet (pads) are undamaged and fixings are secure (pic 3).

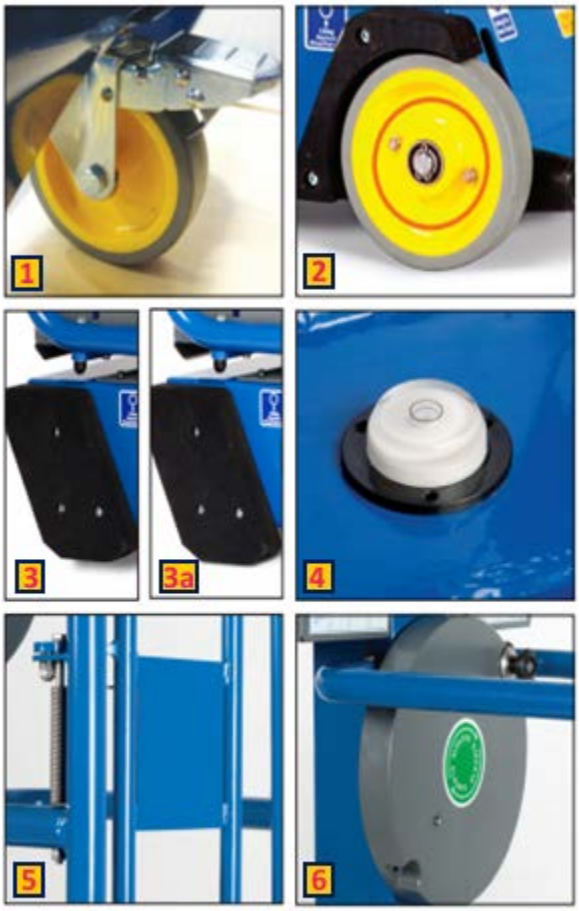
5. Check spirit level (pic 4) is intact and bubble is centred to ensure machine is level.

6. Check gates, gate hinges, hinge springs and hinge fixings are undamaged and that gates open and close correctly (pic 5).

7. Step into basket; check machine sinks down to rest on front rubber pads (feet) (pic 3a).

8. When standing in the basket: check 'fly-wheel' operating handle works correctly. Hold handle firmly and pull operating knob towards you, release, knob should spring back to lock wheel. Repeat but turn handle once clockwise with knob held pulled towards you. Wheel should turn freely. Turn once anti-clockwise to come down (pic 6).

9. Check emergency lowering tool is attached on the chassis.



The user shall obtain the guidance and approval of the manufacturer in the event of any special working methods or conditions outside those specified by the manufacturer.

NORMAL OPERATION

Only use the Pecolift internally, on hard level surfaces. Ensure a person is available at ground level to assist in case of emergency.

1. Position machine under application.

2. Check spirit level to ensure machine is level.

3. Step into the platform through the gates, ensure the gates close behind you and check the machine is sitting on its rubber pads (feet);

   DO NOT ELEVATE IF NOT.

4. Check there are no overhead obstructions.

5. To elevate; pull the operating knob towards you and turn it clockwise.

   To stop, stop turning the handle and release the handle knob to lock.

6. To descend, repeat but turn the handle anti-clockwise.

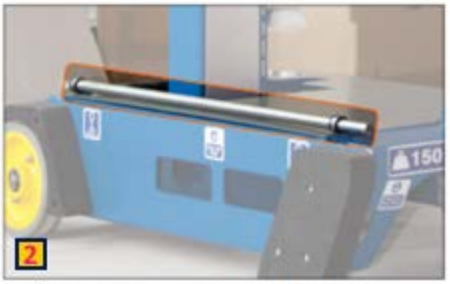
EMERGENCY LOWERING OPERATION

Never attempt to recover the machine/operator if there is any possibility the machine is contacting any live wiring/cabling and is therefore potentially 'live'.

To lower the platform in the event of the operator being incapacitated (unable to operate the flywheel handle in the basket):

1. Locate emergency lowering tool on the chassis (pic 2), remove from fixing.
2. Stand to the side of the machine, attach the 'hook' end of emergency lowering tool to fly-wheel handle knob in the basket, releasing the handle knob, turn the wheel anti-clockwise to bring the platform down (pic 1).
3. Keep clear of the structure as it descends
4. Lower to a platform height of approximately 500mm or less to recover the operator safely.

Turn wheel **anti-clockwise** to bring platform down



Emergency lowering tool located on chassis

PRIMARY COMPONENT LOCATIONS