

Boom Lift

NiftyLift 120T



Also known as a Cherry Picker, Nifty Lifter, or Mobile Hydraulic Platform. This unit is a road towable, aerial working platform with articulated action and fly boom. Applications include; Painting & signwriting, tree lopping, lighting & plumbing, cleaning, general overhead work, factory maintenance & stocktake.



Electrocution Hazzard!

Three (3) keys are required for this unit (cage, motor, base controls). Keep every part of the machine the minimum. safe distance from powerlines. (6.4m from distribution lines, or 3m with a spotter/ 10m from high voltage lines or 8m with a spotter.

Safety Notices

- ☐ Do not use this machine in the rain or when wind exceeds 45km/h.
- ☐ EWP safety harness must be used. Connect to the cage securing points. Fitting and operation explained.
- ☐ Emergency stop controls identified.
- ☐ Emergency lowering controls explained.
- ☐ Log book explained.
- ☐ Operation and safety manual location identified. Please read and fully comply with instructions.
- ☐ Watch back lights when lowering basket to the ground. Retract basket before lowering boom.

Acknowledgement

This operating and safety brochure is intended as a guide only for the safe operation of this equipment. It does not override licence requirements nor is it a substitute for a structured operating lesson. If you are unsure about any aspect of the equipment or its capabilities or if you are in doubt as to its proper usage, feel free to consult our trained employees for instruction or the answers to any questions you may have regarding the safe operation of this equipment.

By signing this document I acknowledge I have been advised of the above instructions and warnings for the above equipment which I understand.

Hirer:

Witness:

Signature:

Signature:

Date:

Date:

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SETTING UP:		✓
1.	Use your tow vehicle to position the unit. An approx. area of 4m x 4m is required for stabilisers.	
2.	Ground must be firm and fairly level (up to 12 degrees). If in doubt machine must not be used.	
3.	Ensure handbrake is on before removing tow hitch from tow vehicle and chock wheels.	
4.	Never use unit whilst connected to the tow vehicle (damage will occur).	
5.	Once disconnected from vehicle, use jockey wheel to roughly level up the unit.	
6.	Make sure you RELEASE THE BOOM LOCK DOWN LATCH, check cage is not up against anything.	
7.	Check all red emergency stops are not engaged (i.e. fully out). *Note: Red emergency stop button *will shut down the engine and the electric circuit preventing operation of any function.	
8.	Ensure to turn key switch to ON position at the ground control station. *Alarm will sound.*	
9.	At the outrigger control station press down and hold the power lever (RHS)..	
10.	This activates the power and diverts hydraulic flow to the legs for setting up.	
11.	When finished make sure this lever returns to off position.	
12.	Best to operate 2 legs at a time; FRONT TWO FIRST, THEN REAR TWO.	
13.	Always make sure the jockey wheel never takes the full weight of the unit.	
14.	INJURY HAZARD - damage and collapse may occur otherwise.	
15.	Once all legs are down, ensure unit is levelled up using the level bubbles.	
16.	Machine wheels must be off the ground and even pressure on all four pads (each have a sensor).	
17.	Note if pads are unequal, once the cage is raised the alarm will go off causing the unit to halt.	
18.	If this occurs the operator will need to lower and place the boom in the stowed position (cradle).	
19.	Being in the stowed position the power will be available to the leg levers (safety precaution).	
20.	Reset and re-level the legs again, must be equal amounts on each pad.	
21.	If there is any sinking (i.e. all feet do not have constant pressure) then the alarm will sound.	
22.	It is not recommended to prop the legs on blocks as the unit may move and come off.	
23.	If using the petrol engine, ensure to warm up the motor whilst on the ground first.	
24.	Standard 4 stroke procedure, FUEL, CHOKE, IGNITION.	
25.	The petrol motor will not charge up the batteries.	
26.	Petrol engines must have well-ventilated area to minimise the risk of carbon monoxide poisoning.	
27.	If using the battery power, turn the key at the appropriate station to the on position.	
28.	Before you enter the basket, ensure to turn the ignition switch at the petrol engine to "ON".	
29.	This way, if the battery fails for some reason you can start the engine from the basket.	

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PLATFORM CONTROL:		✓
1.	Cage is rated at 200kg max. If red light comes on it means there is too much weight. Do not use as a crane.	
2.	Ensure all red emergency stops are out.	
3.	Remove the key from the ground control station (turn key anti-clockwise).	
4.	Put the key in the platform control station and switch to "ON" (clockwise).	
5.	Push and hold green power button.	
6.	Foot pedal on the basket floor has the same function as the green power button. BE AWARE NOT TO USE TELECOPIIC FUNCTION IN THIS POSITION. DAMAGE TO LIGHTS WILL OCCUR	
7.	Select the boom function required and operate hand levers. Decals specify boom lever functions.	
BATTERIES:		✓
1.	To charge batteries, plug in overnight or if safe to do so it can be connected to power whilst using the unit on batteries. Don't leave batteries on charge for periods in excess of 24 hours.	
2.	Batteries must be charged in a well-ventilated area free of flame, sparks or other hazards that may cause explosion. Highly explosive hydrogen gas is produced during the charging process. Don't leave fully discharged as severe battery damage can occur in a relatively short time.	
PACKING UP:		✓
1.	Draw the cage back in and lower the boom down into the stowed position (cradle).	
2.	Turn key in the basket to the 'off' position and remove the key. (Engine and or battery.)	
3.	Install and turn the key at the base station to the 'on' position.	
4.	At the leg controls, hold the main lever down to initiate the controls for the legs.	
5.	Raise the rear legs first so as the unit lowers onto its wheels, taking the bulk of the weight.	
6.	Then raise the front legs allowing the jockey wheel to take the remaining lesser weight.	
7.	Ensure legs are fully raised for transport.	
8.	Ensure to latch the boom down.	
9.	Turn key to base station to 'off' and remove. Turn engine ignition to 'off' and remove key.	
10.	Turn fuel tap off.	
11.	Reconnect unit to your tow vehicle, and check that all latches, pins and shackles and breakaway are secure. Plug in light cord and check unit lights. Remove any chocks.	
12.	EWP harness must be returned clean with no chemicals or paint present (integrity compromised).	