

Normanville Hire

Operating Instructions

Inst 700

Nifty 12T Boom Instructions

PRE OPERATION

- Max Road speed is 80kmph
- When operating the Nifty it **MUST** be detached from the tow vehicle
- Hand brake **MUST** be on
- Once in position release the **BOOM TRAVEL CLIP**
- **IF LOAD BEARING CAPACITY OF THE GROUND IS IN DOUBT DO NOT USE THE MACHINE**

BATTERY / ENGINE OPERATION

- This machine can be operated by either the Battery or Petrol mode (default is battery)
- **Ensure RED BUTTONS are in the OUT position (both ground and cage)**
- Ensure Key is switched to the on position on the GROUND CONTROL (siren 2 seconds)
- To prep engine turn Engine key on and apply max throttle and close choke
- Disengage choke when running

OUT RIGGERS

- Use outrigger Levers at front of machine (hold down RH Lever while operating (1-4)
- Deploy outriggers
- Front 2 first to release pressure from the jockey wheel (3 & 4)
- Rear 2 second to raise main trailer wheels clear of ground (1 & 2)
- Ensure the plates are on firm flat ground
- Ensure that **both bubbles** are within the level lines (**unit must be within 3 degrees of level**)
- THE NIFTY booms **will not operate** until these are fully level and legs stable
- Use the wood blocks to assist in levelling

BOOM OPERATION ~ from ground

- To operate from Ground base ~ ensure key inserted & switched on
- GREEN button must be held in as well as the lever below to move the boom

• Lever 1	Controls the White Cage Boom Arm	UP=OUT	Down= in
• Lever 2	Controls The First Boom Knuckle	UP = UP	Down=Down
• Lever 3	Controls the Second Boom Knuckle	UP = UP	Down=Down
• Lever 4	Controls the Platform rotation	UP = RIGHT	Down=Left

BOOM OPERATION ~ from platform

- The safety harness must be **worn at all times** and attached when in the boom cage

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- When ready to operate bucket remove key from ground control and place in bucket console
- Platform Controls are same as above
- You can use the foot pedal in lieu of green button to operate boom cage controls

- **PUSH RED BUTTON TO EMERGENCY STOP EVERYTHING**
- **Emergency manual handle can be used from the ground to lower the system**

PACK UP SEQUENCE

- Pack up **MUST** be in reverse order of set up
- Ensure the boom is retracted and the **BOOM TRAVEL CLIP** is secure and locked first
- Rear outriggers to be raised first (1 & 2)
- Front outriggers to be raised second (3 & 4)
- All switches to be off and keys removed from machine
- Red buttons to be depressed (both)

**Ensure you are
competent with all of the following**

- | | | |
|----------|---|--------------------------|
| 1 | aware of pre op procedures | <input type="checkbox"/> |
| 2 | engine starting operation / battery option | <input type="checkbox"/> |
| 3 | deployment of outriggers | <input type="checkbox"/> |
| 4 | boom operation ~ ground and basket | <input type="checkbox"/> |
| 5 | emergency manual safety system | <input type="checkbox"/> |
| 6 | pack up sequence | <input type="checkbox"/> |
| 7 | speed restriction on road (80 kmph) | <input type="checkbox"/> |