

NIFTY SD50DE BUCKET LIFT OPERATING INSTRUCTIONS & SPECIFICATIONS

Quick Start Guide

The ground control station and platform control station emergency stop buttons (RED) must be set to "ON" in order to operate this machine. The unlock toggle must be held down in order to operate any controls.

1. Starting Unit from Ground Control

- **Cold Engine** – Turn the main engine ignition switch on (located beneath the front cover) from "ON" to "GL". This engages the flow plug pre-heat system. Hold for 3-5 seconds then turn key fully to "ST" (start) position and the engine will fire.
- **Warm Engine** – Turn the main engine ignition switch from "ON" to "ST" and the engine will fire.

2. Starting unit from Basket Control

- **Cold Engine** - Turn the engine ignition switch to the glow position. Hold for 3-5 seconds then turn the switch to the start position.
- **Warm Engine** – Turn the main engine ignition switch to the Start position

3. Outrigger Controls

- **Basket Control** – Make sure drive switch is set to basket controls. Place foot on the pedal and pull outrigger levers backwards to put them down and push them forward to retract them.
- **Driving Controls**
- Depress foot switch located on the floor. Use the drive selector on the basket control to determine speed. Select drive joystick from the hand lever controls. The drive joystick is located next to the outrigger controls. Push **UP** to go forward, pull **BACK** for reverse, **LEFT** to steer left and push **RIGHT** to steer right.

5. Boom Controls

- Depress foot switch or push and hold green power button. Select the lever with the desired function you want to use according to the images.

6. Charging Unit

- Plug charger into suitable power supply, either 240 volts or 110 volts AC. Press green power button briefly to energize a motor contractor. This activates the control battery regulator allowing it to charge the 12v engine battery at the same time as the main batteries

7. Additional

- This unit is a Bi-Energy unit. It can be controlled by both diesel or electric.

NIFTY SD50DE BUCKET LIFT
SPECIFICATIONS

Machine Height	7' 3"
Machine Length	18' 4"
Machine Width	5' 3"
Machine Weight	5,950 lbs
Working Width	14' 5"
Basket Width	3' 7"
Basket Depth	2' 2"
Maximum Slope	9%
Gradeability	30%
Working Outreach	28' 6"
Platform Height	49' 6"
Working Height	56' 1"
Platform Capacity	500 lbs
Engine (Diesel)	Kubota 722