

QUICK START GUIDE

Electric and Hybrid Control Function

Contact Hallco™ Technical Support

+32 (0)69 84 47 66

hello@hallco.eu

**PLEASE READ OWNERS MANUAL FOR FULL SYSTEM FUNCTION
ALWAYS FOLLOW SAFETY INSTRUCTIONS**

SAFETY

Your safety is the utmost importance to Hallco. Follow safe working practices while installing this system. Review all safety guidelines and pay attention to safety warning symbols as they will highlight specific dangerous aspects of the task at hand.

Only properly trained and authorized personnel shall install, operate and service Hallco equipment. Installers are expected to have a fundamental understanding of tool safety and safe working practices.

DO NOT deviate from these instructions or modify the equipment without written authorization from Hallco. Modifications can render the equipment unsafe and void your warranty.

Hallco is not responsible for equipment damage or personal injury as a result of failing to follow these instructions or failing to incorporate safe working practices.

FAILURE TO FOLLOW SAFETY GUIDELINES WILL RESULT IN INJURY OR DEATH.



Original Instructions

E.&O.E.

OPERATING THE NEXUS™ HYBRID VERSION (HDS-H)

To operate the NEXUS™ with Hybrid Control, you need to simply rotate the handle in the direction you want the floor to move. The handle will be held in place by a detent ball and spring (fig. 1). The switching rod will automatically cycle the floor until it is stopped or the PTO/PUMP is shut off.

To operate the NEXUS™ with Electric Stop/Start (Hybrid Control). You simply press the corresponding button on the base unit keypad or on the optional wired/wireless keypad (fig. 1 & 2, page 3). The switching rod will automatically cycle the floor until it is stopped or the PTO/PUMP is shut off.



When the handle is in the STOPPED (down) position, the keypad buttons and the manual override on solenoid will not operate.

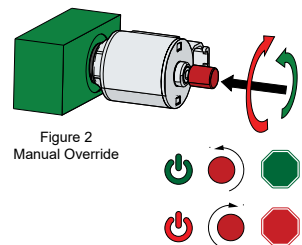
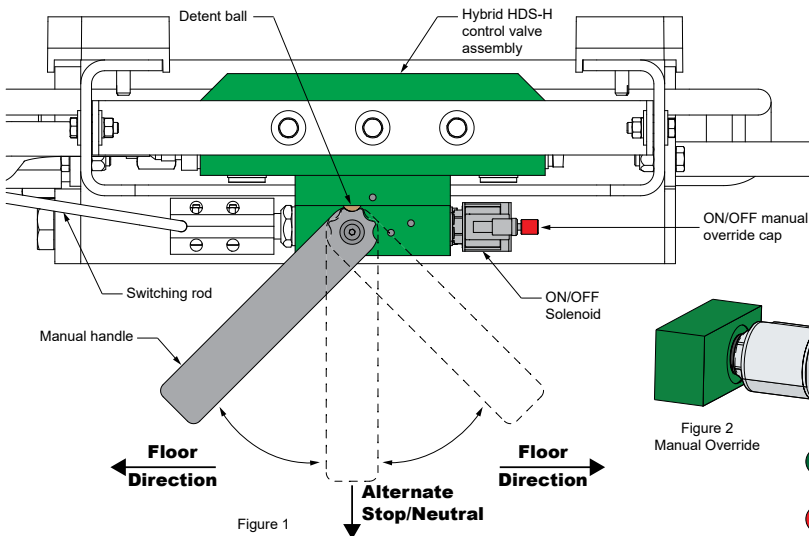


In the event of an emergency, press the e-stop button on the base control box then immediately turn off the PTO/PUMP.



When the manual override on the solenoid is activated the keypad buttons will not have control over START/STOP functions, although the buttons will light up as usual.

In the event of a malfunction or for troubleshooting you can manually override the solenoid by pushing in the RED cap on the valve and turning it CLOCKWISE to turn OFF the floor and COUNTER-CLOCKWISE to turn ON the floor (fig. 2). **Deactivate override when done to prevent unexpected starting when the system is put back into automatic mode.**



OPERATING THE NEXUS™ HYBRID VERSION HDS-E OR H

The base control box functions are outlined below.

When the system is powered, the RED stop button will light up.



Red STOP button.
Lights up when system is in stopped state.
Press to STOP the floor.



Green UNLOAD button.
Will light up when pressed.
All other buttons will go dark.
Press once to activate.
Press STOP to deactivate.
Will not change floor direction in HDS-H version.
Floor direction set by position of manual handle.



Blue LOAD button.
Will light up when pressed.
All other buttons will go dark.
Press and hold to activate.
Release to deactivate.
Will not change floor direction in HDS-H version.
Floor direction set by position of manual handle.



Yellow ACCELERATOR button.
Will light up when pressed.
All other buttons will go dark.
Press once to activate.
Press STOP to deactivate.
Will not change floor direction in HDS-H version.
Floor direction set by position of manual handle.



Red E-STOP button.
Stops floor and routes oil back to the pump.
E-stop DOES NOT STOP PUMP!
Press to engage.
Rotate clockwise to disengage.
When the e-stop is engaged keypad lights will go dark.



These buttons on Wireless Pendant only:
Turns Wireless Remote ON/OFF

WHEN OPERATING HAND-HELD REMOTE:



Remote buttons are synchronized to base unit. Pressing a button on either keypad will over-ride current function on other keypad.
If connected. Wired remote keypad will illuminate simultaneously to indicate current function.



If remote loses signal, system will stop.
This can happen if cable is damaged or disconnected or Wireless Remote is out of range or battery is empty.

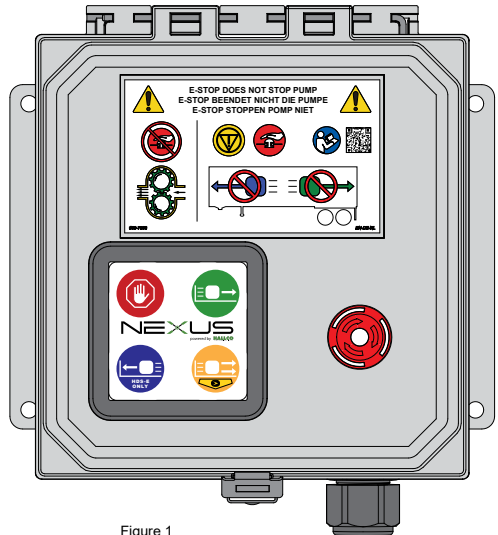
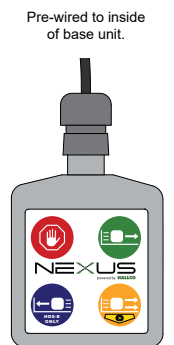


Figure 1



Optional wireless control.
Keypads function same as base control.



Optional wired control.
Keypads function same as base control.

Figure 2

OPERATING THE NEXUS™ ELECTRIC VERSION HDS-E

To operate the NEXUS™ with Electric Control. You simply press the corresponding button on the base unit keypad or on the optional tethered/wireless keypad (fig. 1 & 2, page 3). The switching rod will automatically cycle the floor until it is stopped or the PTO/PUMP is shut off.



In the event of an emergency, press the e-stop button on the base control box then immediately turn off the PTO/PUMP.



When the manual override on the solenoid is activated, the keypad buttons will not have control over functions, although the buttons will light up as usual.

In the event of a malfunction or for troubleshooting, you can manually override the START/STOP solenoid by pushing in the RED cap on the valve and turning it CLOCKWISE to turn OFF the floor, and COUNTER-CLOCKWISE to turn ON the floor (fig. 2).

You can manually override the LOAD/UNLOAD solenoid by pushing in the RED cap on the valve and turning it CLOCKWISE to UNLOAD the floor, and COUNTER-CLOCKWISE to LOAD the floor (fig. 2). **Deactivate override when done to prevent unexpected starting when the system is put back into automatic mode.**

