

C1000 Monitor Functions Guide

WR9800 Series SP Windrowers



November 2015

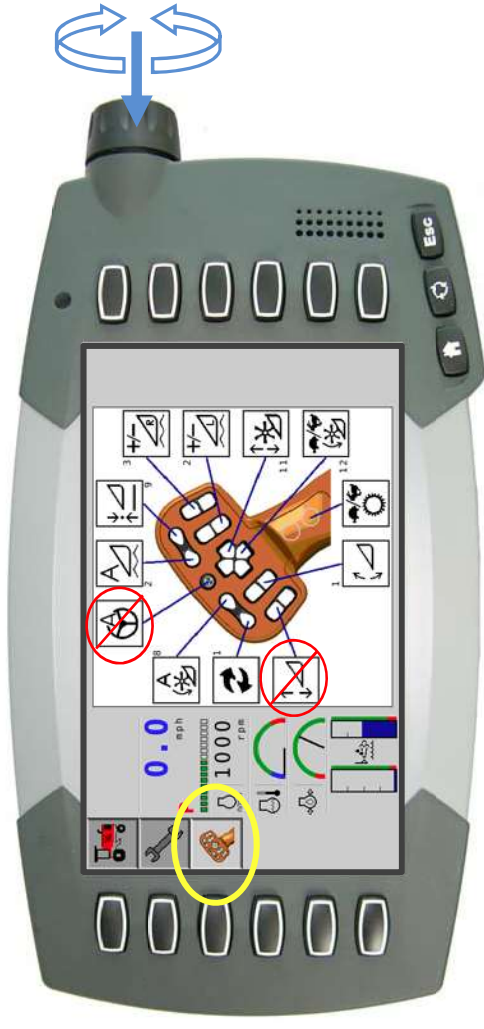


New Features

- Ground Speed Lever Switch Configuration
- OptiCruise
- Automatic Disc Header Speed
- Automatic Disc Header Load Control
- Automatic Draper Header Reel Speed
- One Touch Up
- One Touch Down
- Automatic Flotation
- Return to Cut Height
- Rear Steer Option

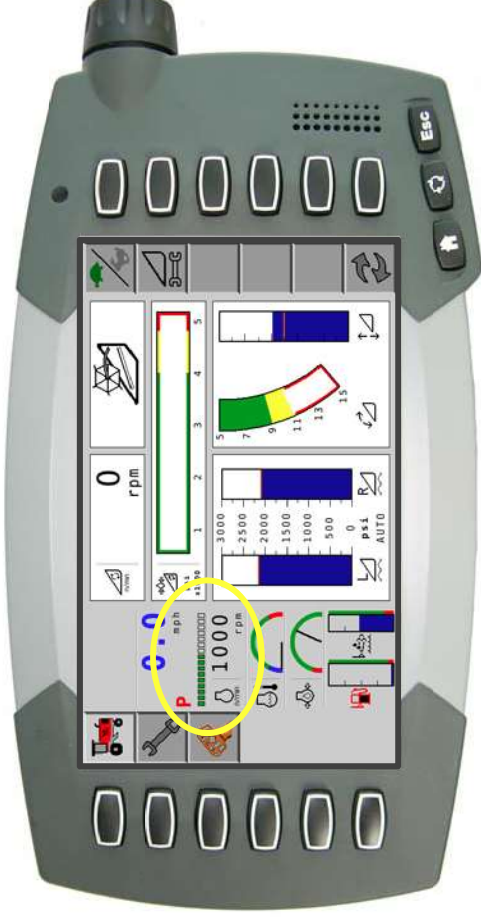
Ground Speed Lever Switch Configuration

- ❖ The switches on the ground speed lever can be configured to meet the operator's preference.
- ❖ Select the handle icon.
- ❖ Select a switch and scroll through the options for that switch.
- ❖ Header up and down and Auto Guidance are not allowed to change.



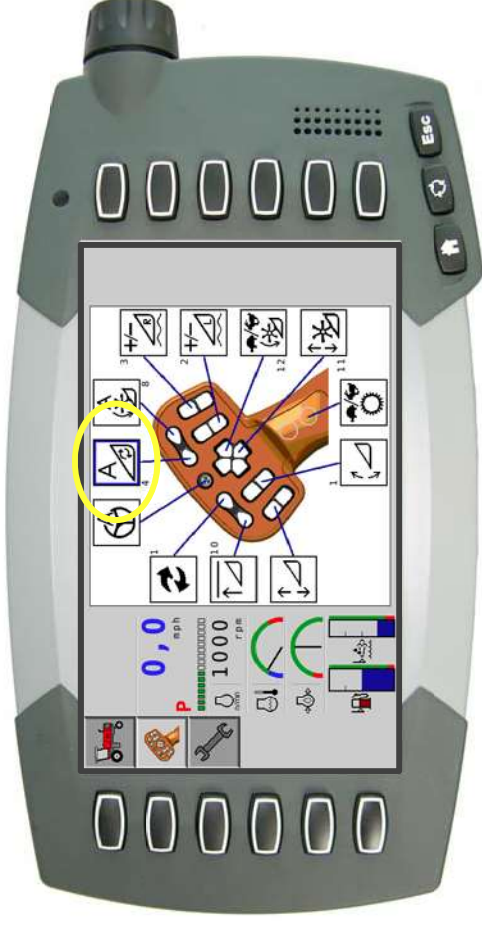
OptiCruise

- ❖ OptiCruise buttons are located on the front side of the ground speed lever.
- ❖ Move the ground speed lever handle fully forward and use the OptiCruise buttons.
- ❖ Top button to increase ground speed and bottom button to decrease ground speed.
- ❖ 16 steps in field range, 8 steps in road range.
- ❖ The graph in the gauge area indicates the OptiCruise position.



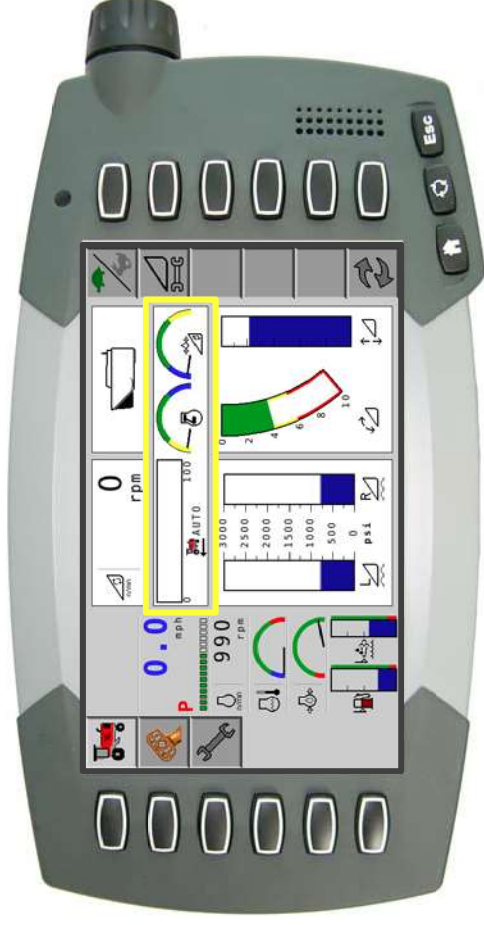
Automatic Disc Header Speed

- ❖ When Automatic Disc Header Speed is enabled the operator sets the minimum header speed
- ❖ As the ground speed of the machine increases the header speed will increase for good cut-off quality.
- ❖ As the ground speed of the machine decreases the header speed will decrease. The header speed will not drop below the set minimum header speed.






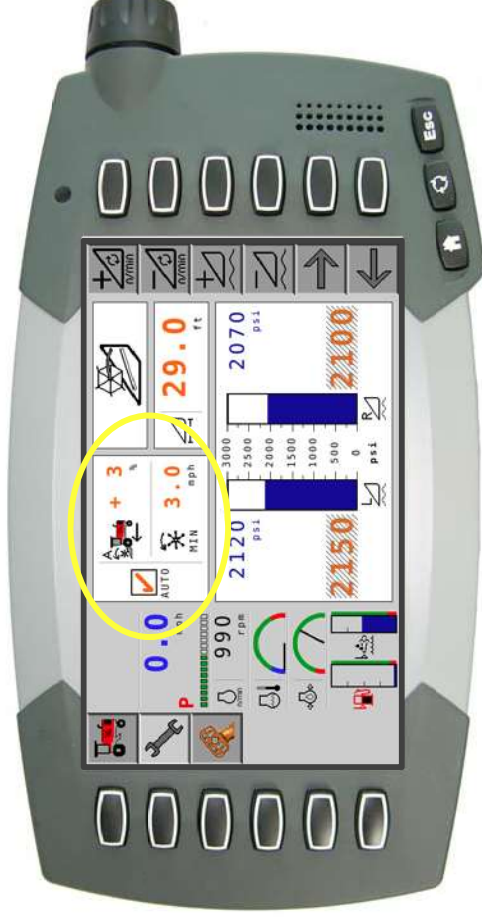
Automatic Header Load Control

- ❖ When load control is selected, the header drive pressure indication on the main work screen is replaced with a bar graph and two gauges.
- ❖ The system monitors the header drive pressure and engine speed and will adjust ground speed to maintain parameters.
- ❖ The ground speed lever sets the maximum speed and the load control can slow the machine down a maximum of 40%.



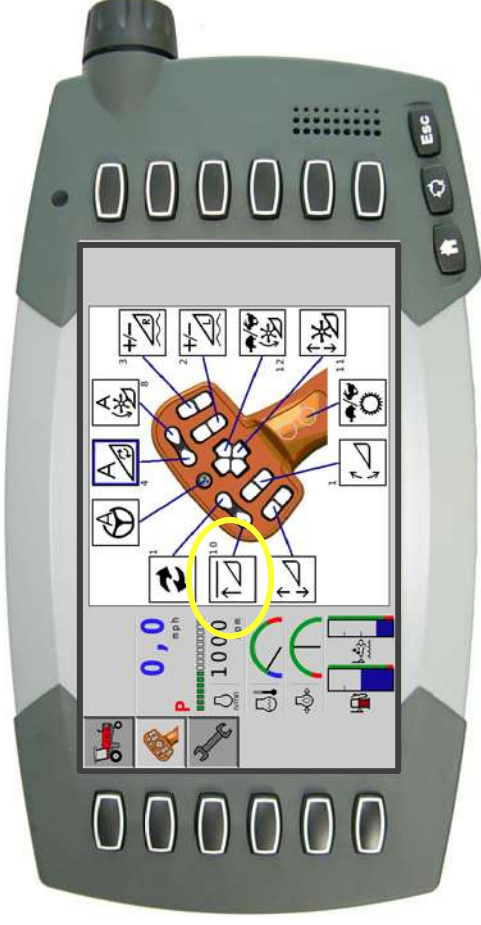
Auto Reel Speed (draper headers)

- ❖ Select   
- ❖ Select the “AUTO” box for reel speed.
- ❖ Change reel speed percentage to ground speed by highlighting the top box and rotating the selector knob to desired percentage.
- ❖ Change minimum reel speed by highlighting the lower box and rotating the selector knob to desired minimum speed.



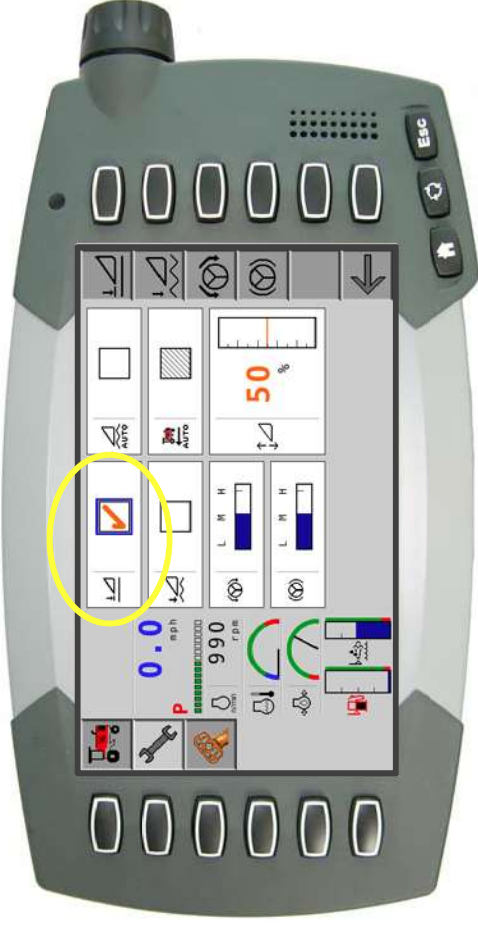
One Touch Up

- ❖ When One Touch Up is enabled the header will raise
 - ❖ To full height or
 - ❖ Return to cut height setting
- ❖ One Touch Up can be programmed to any single function button.



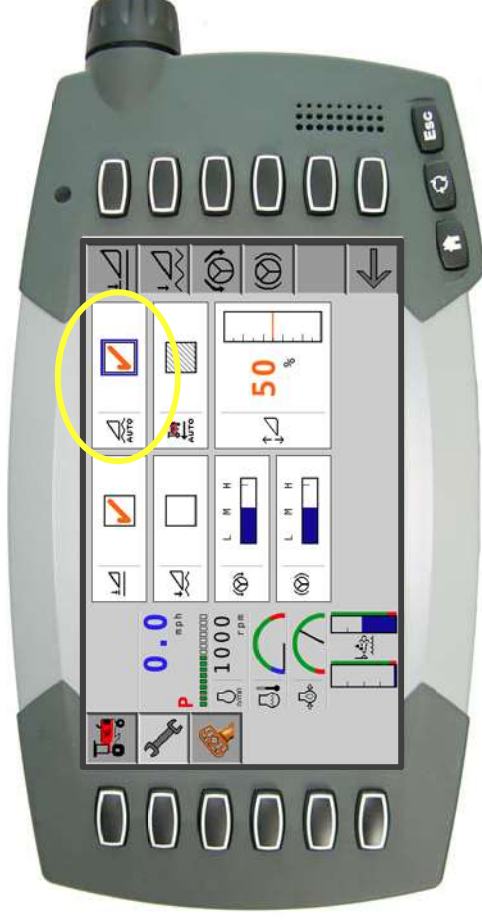
One Touch Down

- ❖ One Touch Down is enabled by checking this box.
- ❖ When the box is not checked the header down function is momentary.



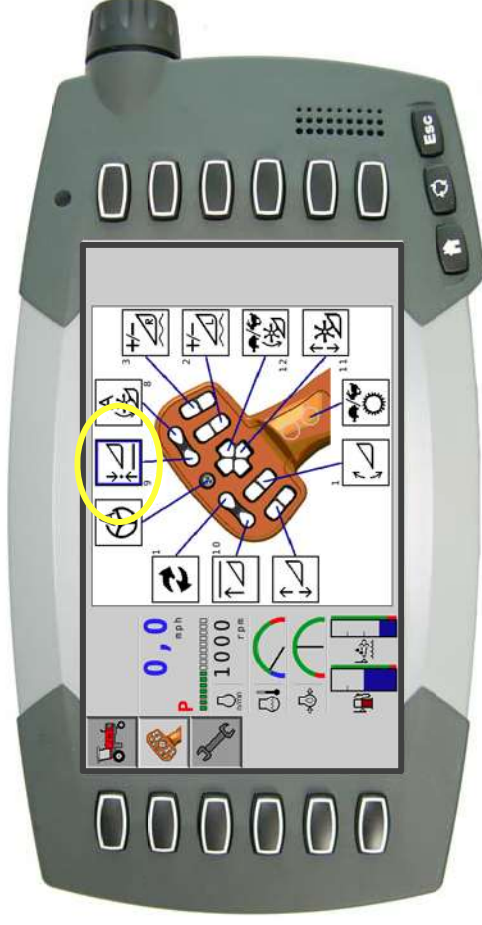
Auto Flotation

- ❖ When Auto Flotation is enabled the flotation system will increase or decrease pressure to maintain the set point.
- ❖ Useful in uneven terrain.
- ❖ When Auto Flotation is enabled One Touch Down is also enabled.





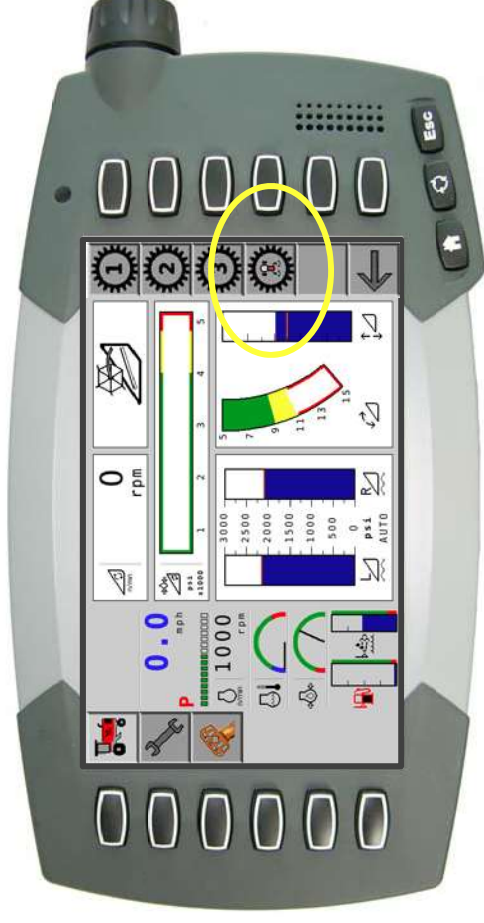
Return to Cut Height

- ❖ This feature allows the header to return to the programmed cutting height whether the header is currently above or below the set height.
- ❖ Return to Cut Height can be programmed to any single function button.
- ❖ To set the cut height:
 - ❖ Set the header to the desired cutting height.
 - ❖ Press and hold the Return to Cut Height button for a minimum of 2 seconds.



Rear Steer Option

- ❖ The optional rear wheel steering system directly steers the rear wheels to improve the handling of the machine.
- ❖ With rear steer engaged the machine can be transported without a header or other ballast mounted and can pull a draper header equipped with the slow speed transport kit.
- ❖ Select  then  to enter rear steer mode.
- ❖ Refer to the operator's manual for details on engaging.



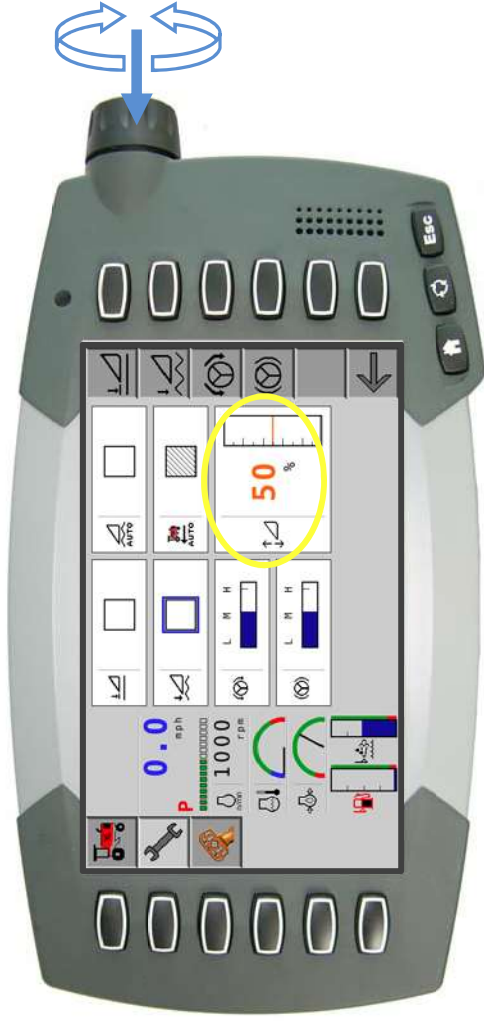
Explanation of Other Features

- Setting Header Height Target For Acre Counter
- Setting Initial Flotation Pressure
- Setting Left And Right Flotation
- Setting Header Size and Speed
- Flotation Release
- Errors Screens
- DWA Operation
- Auxiliary Pump






Setting Header Height Target - Acre Counter

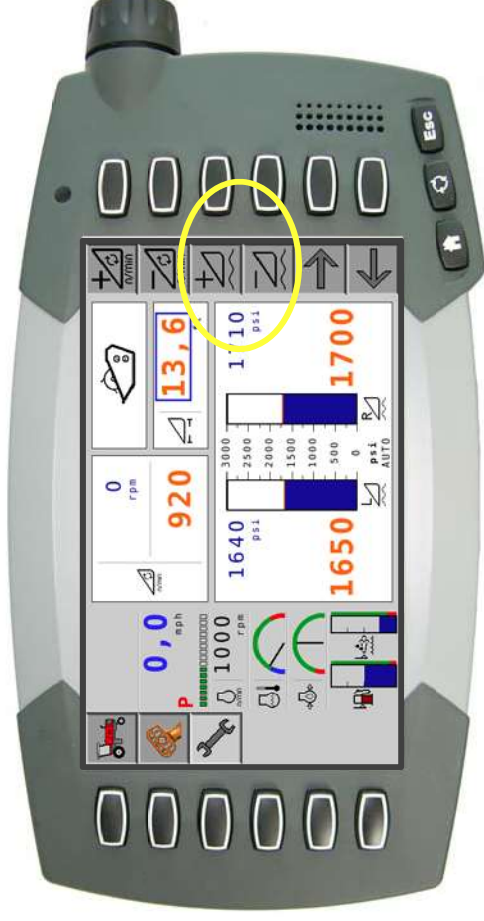


- ❖ Select
- ❖ The header height target is the Orange line on the bar graph.
- ❖ Use the scroll wheel to select this area and set the target.
- ❖ This target is used for the acre counter. Counter is active below the set point.
- ❖ This setting is not related to Return to Cut Height.





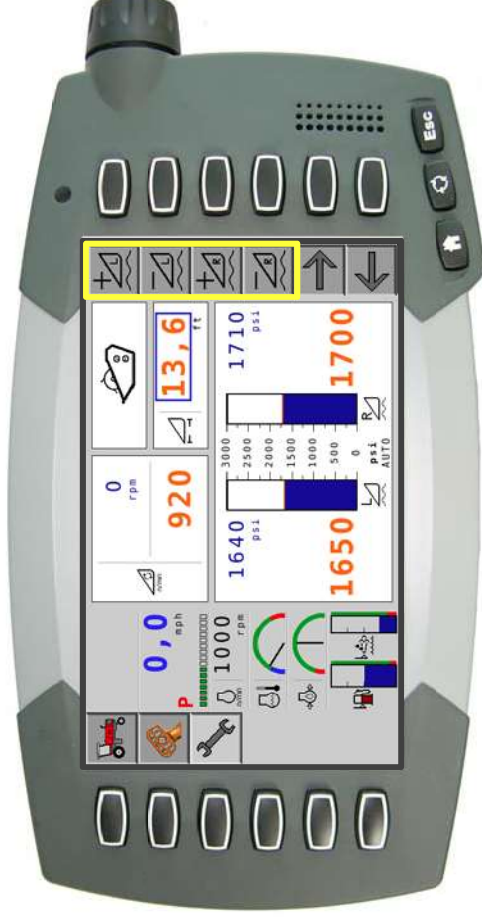
Setting Initial Flotation Pressure

- ❖ Select   
- ❖ Select and hold  until header starts to lift off the ground.
- ❖ Quickly select and release  until the header just touches the ground.
- ❖ This is the initial flotation setting. The settings will need to be changed depending on field conditions.









Setting Left and Right Flotation Pressure

- ❖ Select  to open the header settings screen.
- ❖ Select .
- ❖ Use the Left and Right + and - to level/balance the header.
 - ❖ The flotation pressures will be different from side to side with most headers.











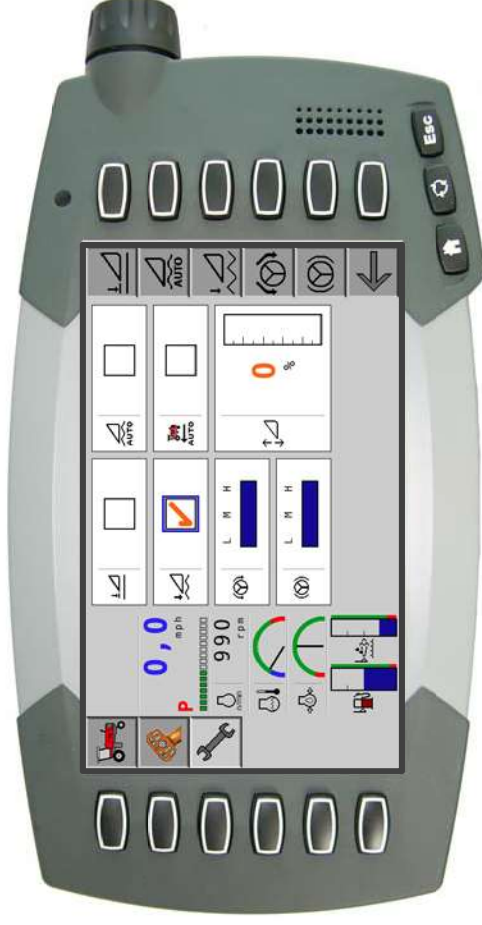
Setting Header Size and Speed

- ❖ Select   
- ❖ Use the scroll wheel to select and adjust header size.
- ❖ Use the scroll wheel to select and adjust header speed.
 - ❖ Disc headers only 
- ❖ Header speed can also be adjusted by pressing  or 













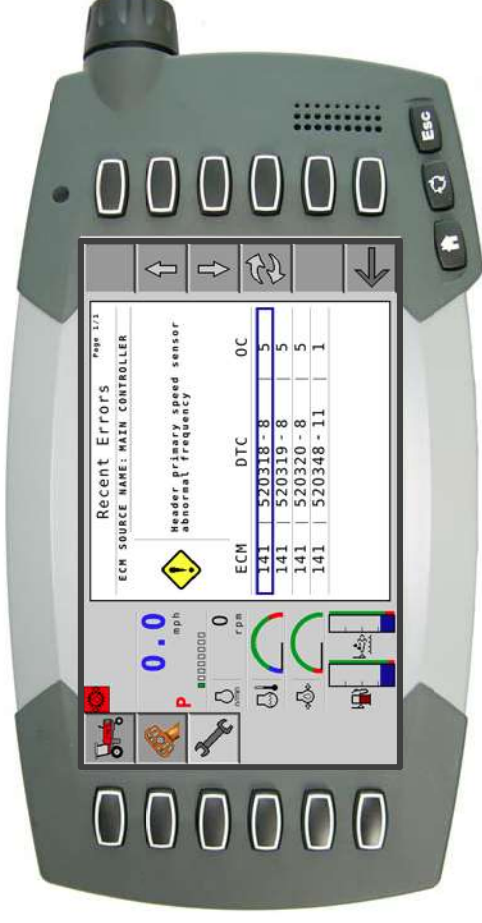
Flotation Release

- ❖ Select      
- ❖ Make sure header is on the ground first.
- ❖ To build flotation uncheck  and select 
- ❖ Press the header down switch to build flotation.



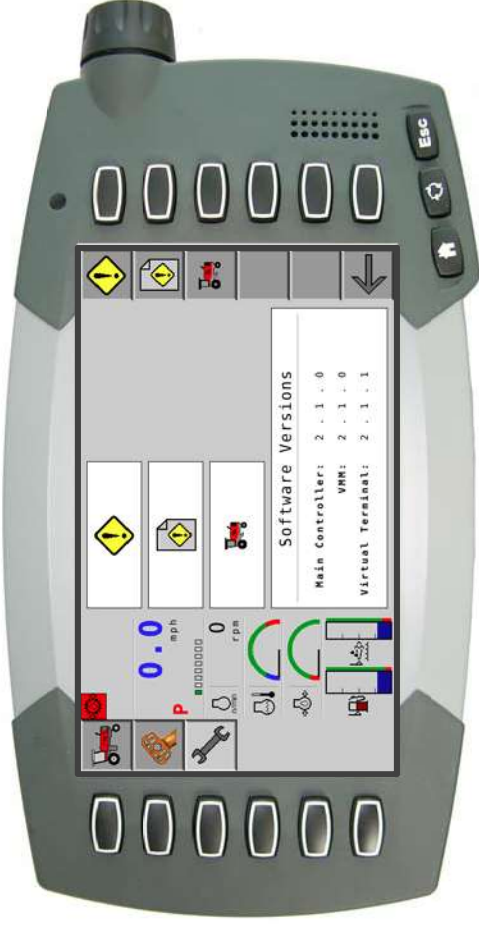
Errors Screens

- ❖ Select  →   →   to view active errors.
- ❖ Select  →   →   to view recent errors
- ❖ Errors screen shows description, Electronic Control Module (ECM) number, Diagnostic Trouble Code (DTC) and number of occurrences (OC)
- ❖ ECM component
 - ❖ 0-Engine
 - ❖ 6-Guidance
 - ❖ 61-Emissions
 - ❖ 141-Main Controller







Software Version Screen

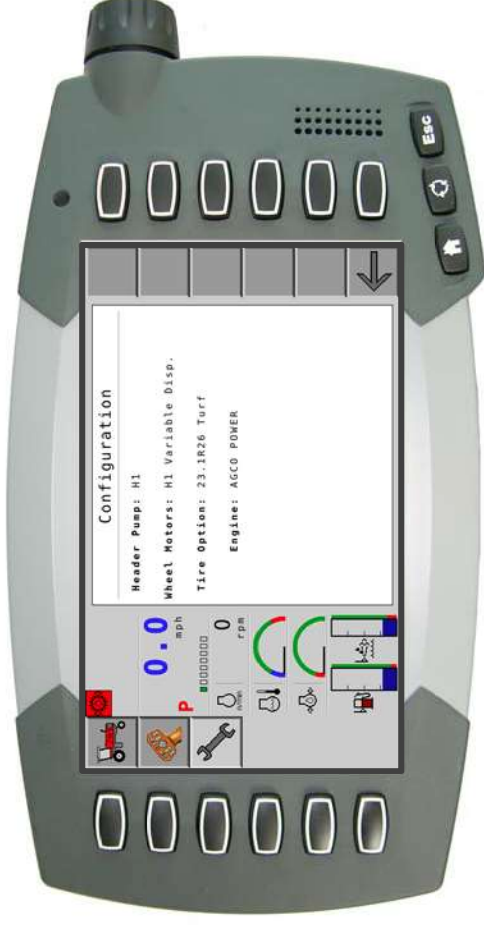
❖ Select






Configuration Screen

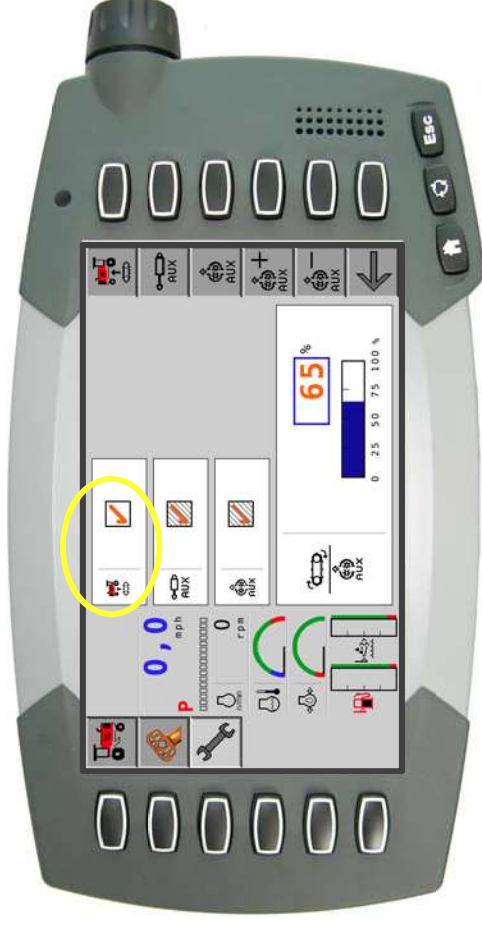


- ❖ Select    
- ❖ Displays
 - ❖ Header Drive Pump
 - ❖ Wheel Drive Motors
 - ❖ Tire Option
 - ❖ Engine








DWA Operation

- ❖ If a DWA (Double Windrow Attachment) is installed:
 - ❖ Select   
 - ❖ Check the top box to enable the DWA, pump and valve.



Auxiliary Pump

- ❖ An auxiliary pump can be installed for attachments that require additional hydraulics.
- ❖ To engage the pump:
 - ❖ Select     
 - ❖ The auxiliary function will operate when the header is engaged.
- ❖ Pump flow can be controlled by the + and – buttons.

