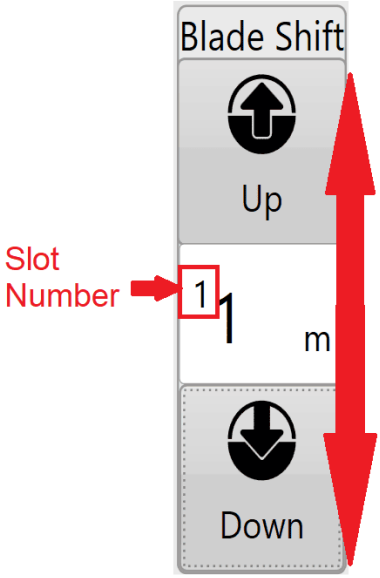
3. Vertical blade shift

The blade shift buttons in T3RRA Cutta and T3RRA Ditch serve to manually shift the height of the blade, either up or down. The distance a single press will shift the blade vertically (called the ‘ Blade shift increment’) is set in the 'Settings' window. As the up and down buttons are pressed the current shift value is displayed in the text box between the two buttons.This value can also be set directly by touching the text box with a finger.



Each project now has three blade shift slots (1, 2 and 3). Drag or swipe the blade shift up or down to switch between slots.

Blade Shift is generally used in one of two ways:

1) It can be used to limit the cut depth which T3RRA will try to reach in a heavy cut area. For instance, if you have a six inch cut to make but you can only realistically cut in 2 inch increments, then you can "shift up" four inches for the first pass, two for the second, and then zero for the third. In this way, you can shave down to grade without over-taxing your equipment. Remember to set it back to zero for areas of the field that have smaller cuts!

2) It can be used to offset transient GPS variations. If an operator feels like the GPS has drifted upward, then they can adjust for this using the blade shift.

NOTE: The 'On-Grade indicator' does not account for the blade shift. So if you shift the blade up two inches from grade, and the blade then adjusts to that height, the on-grade chevrons will show the blade as being two inches above grade, not on-grade.

NOTE: Blade Shift should be used for temporary manual vertical adjustments. If the vertical adjustment is intended to be permanent then it is more appropriate to adjust the Zero Offset value.