

NEW



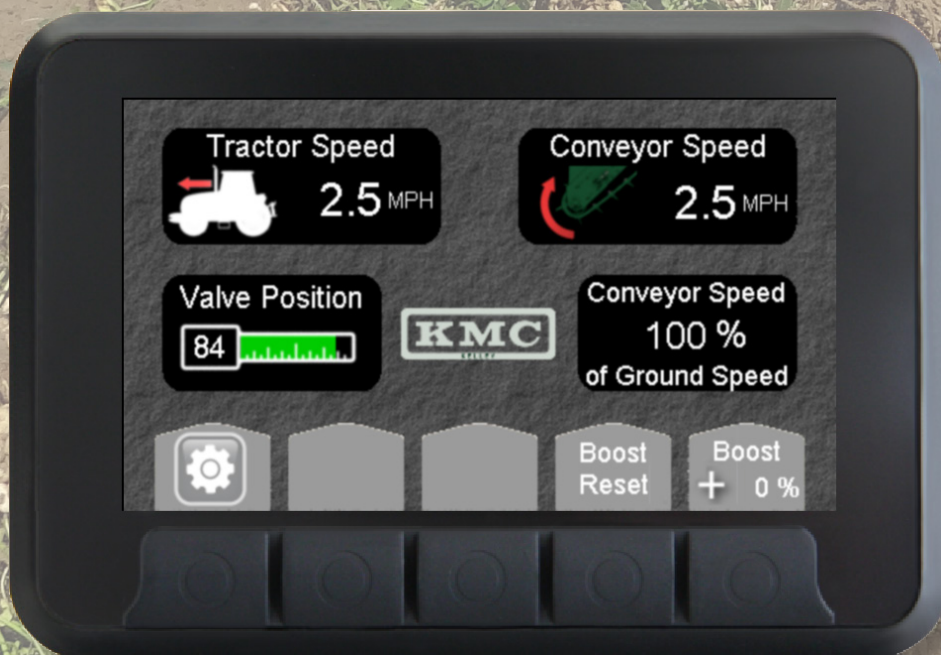
PEANUT DIGGER CONVEYOR SPEED CONTROL SYSTEM

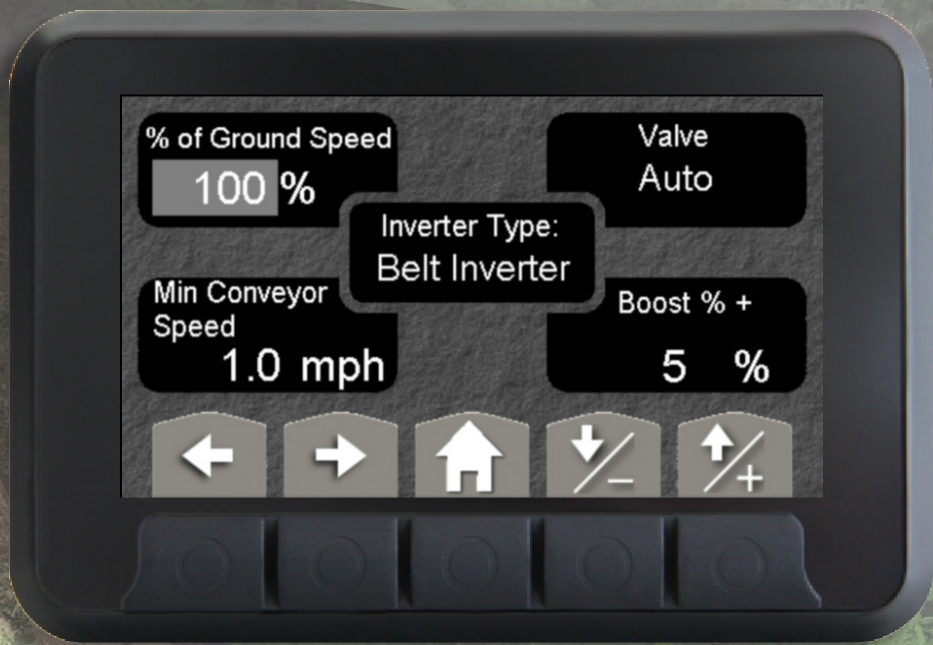
Patent Pending

Our system makes it easy to regulate the conveyor speed in relation to the ground speed for optimum digging for specific harvest conditions.

Set a minimum limit for the conveyor speed. This is useful for letting the conveyor finish cleaning after the tractor has come to a stop.

The boost component is a great addition to the system. It can be used for a temporary speed increase in grassy areas of the field.





Increased Efficiency, Increased Yield

Research has shown that having the proper conveyor speed setting is crucial for minimizing peanut losses. An improperly set conveyor speed can double the losses, which is money left in the ground.

“Producers should synchronize the speed of their digger’s shaker chain, or conveyor belt, to their ground speed. If driving 2 mph, for example, the conveyor belt should be set to a speed of around 2 mph.”

“Slower speeds should be used where digging losses are more likely, such as with larger pods, suboptimal maturity, heavier soils, and drier soils. Driving too slow will reduce your ability to dig on a timely basis; driving too fast can cause yield losses.”

By automating this process, you can ensure that the speed is correct and adjusts automatically when you speed up or slow down. This is one less thing for the tractor operator to worry about.

Kendall Kirk, Ph. D.

Clemson University
Agricultural Engineer