

KSi VariRate Loss-In-Weight Seed Metering

Increase accuracy and eliminate calibration with KSi VariRate seed flow control.

KSi VariRate is a simple loss-in-weight seed flow control solution utilizing a Variable Position Gate to accurately deliver a requested seed flow rate, regardless of seed size.

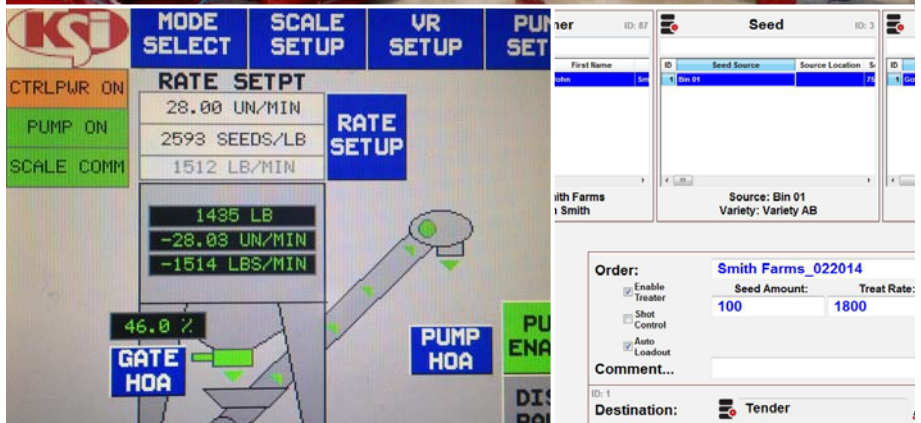
- Eliminates need for seed calibration, no matter seed size or variety
- Easily incorporated into any treating system that has a scaling hopper (without adding any height)
- Variable Position Gate can repeat-ably find the same position within 1/1000 inch
- System monitors rate-of-change from scale at 10x per second
- Available in stand-alone version (KSi VariRate Controller) for seed flow control only, or fully integrated with KSi AutoTreat to precisely apply seed treatment
- Chemical rate (oz or mg) relates directly to weight (lbs) of seed, which eliminates need for volumetric conversion and can increase treating accuracy
- System immediately senses and responds to seed flow restrictions by automatically adjusting chemical pumps to match liquid flow rates to changing seed flow rate



KSi VariRate Variable Position Gate



Lower Head Height



KSi VariRate Controller (Stand-Alone System)

KSi AutoTreat—Seed Rate Setup