









VALMAR ISOBUS AIR BOOM APPLICATOR







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QUICK REFERENCE GUIDE





BASIC SOFT KEY NAVIGATION ICONS

	Master On/OFF		Hopper Fill
	Settings		Change Rate
	Section On/OFF		Edit Products
	Counters		Prev Page

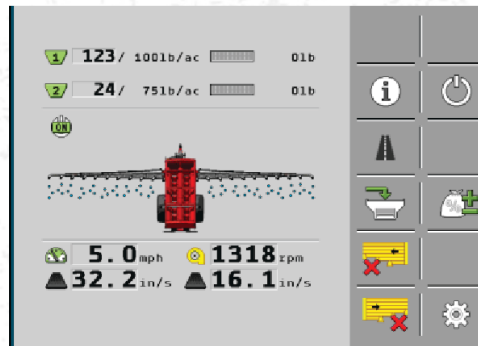
FUNCTIONALITY CHECK – While machine in operation, go to diagnostic page (Graph Icon). Top two values are chain RPM sensors. Next two values are roller RPM sensors. Small variations within pairs, under 0.3rpm, are normal. Check boxes at bottom are bin level sensor status. Slave is not used.









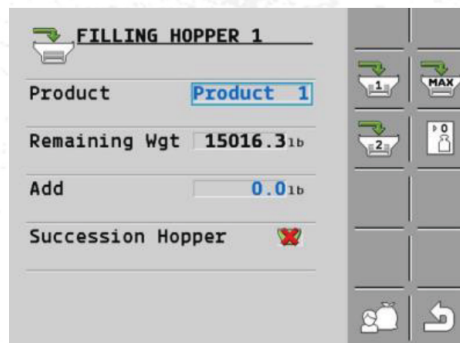
DIAGNOSTICS	
Slave <input type="checkbox"/>	
Metering Unit 1	4.8 rpm
2nd Sensor	4.7 rpm
Metering Unit 2	12.3 rpm
2nd Sensor	12.4 rpm







1: Power up the ISOBUS Display and navigate to the Spreader ECU Universal Terminal (UT). On some terminals you may have to wait several minutes the first time while the ECU loads the object pool.

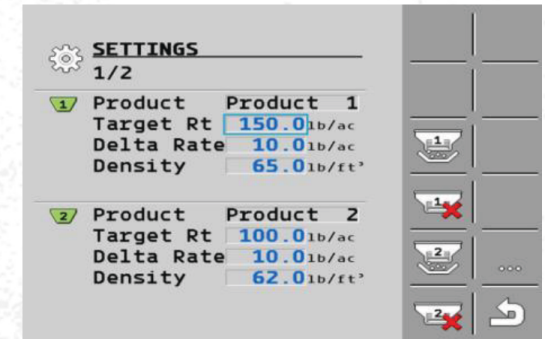



2: Press the Hopper Configuration soft key . Select or enter the product type for hopper 1 and 2 and add the Weight amount for each bin when you fill.




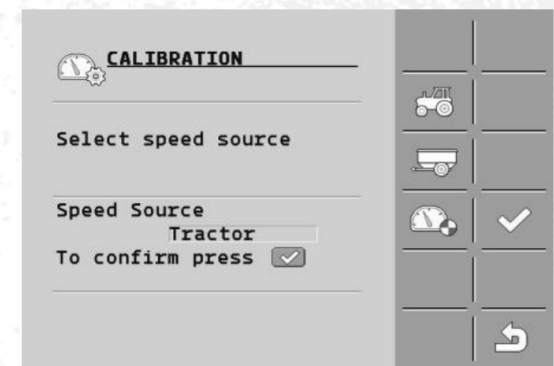
3: Press the system  to enter the settings settings window.


4: Enter the desired Target Rate, Product Type, Fertilizer Density, Delta Rate, Bins Selection (Spinner Speed and Gate Height are not used on airboom configurations.) This will change the Density being used for application rate control.

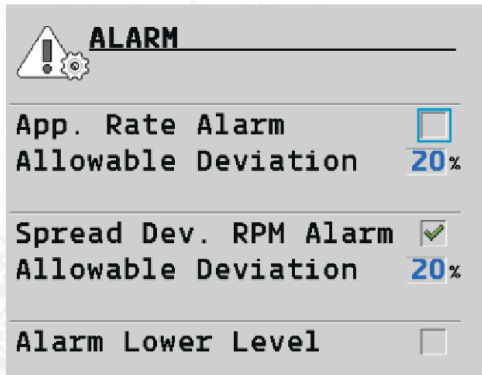



5: Press the Three Dots  to enter the Speed Source, Warning Setup, Diagnostics and Implement Geometry.

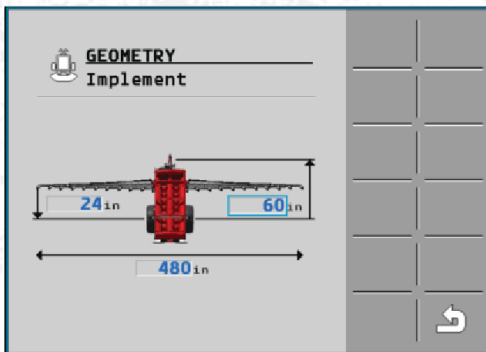
6: Press the Speed Cal  to enter the Speed Selection Menu, select Tractor or Radar as the speed source. Radar sensor selection requires calibration by laying out a 300 ft course and driving that distance, while the ECU counts the number of pulses.



- 7:** Press the Warnings softkey  Enable optional Rate Alarm, Spread Dev not supported for airboom, and enable optional bin lower level alarm. Enable optional Section deviation alarm.




- 8:** Press the Geometry soft key  to enter the Geometry setup screen.

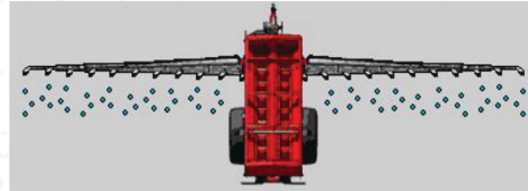



Enter the Rear offset from the hitch pin to rear axle, followed by rear axle to boom. Then enter spread width.

FIELD OPERATION GUIDE



- 1:** To begin field operation the minimum speed must be exceeded and the system turned on must be exceeded and the system turned on 


- 2:** When the system is on and applying the dot will appear under the air boom



- 3:** Pressing the Delta Rate Adjustment  There is a Delta Rate Adjustment for each bin. When the target rate changes, the area and distance until empty will change to reflect the new rate shown below.



- 4:** Pressing the settings softkey  will allow the entry of default Rates, the Delta Rate and density. Pressing the Road Mode soft key will enable or disable 


the implement for transport. When the Road Mode is engaged it will not allow the chain to operate. To disengage Road Mode press soft key. This will 

resume normal operation. 

- 5:** For more detailed information refer to the complete manual

CALIBRATION

- 1:** Verify ground speed is zero and everyone is clear of implement

- 2:** Enable master then press 

- 3:** Set your product Rate and Density 

- 4:** Then select tank 1 or 2 to calibrate.

- 5:** Enter area and speed for the calibration run. When ready press the Play soft key to begin the catch pan test. Then the machine will run until the area reaches 0. Press the check mark soft key to stop the calibration.

- 6:** Measure and enter the actual weight

- 7:** Repeat this process for additional tanks and/or products.