

Tech Bulletin:

vSet 2 Features and Comparison with vSet Classic.

January 23, 2015



vSet 2 Features

Overview

The vSet 2 meter is compatible with both SpeedTube and conventional seed tube delivery. It has been developed to integrate the proven design of vSet Classic with improvements based on input from the field while being compatible with SpeedTube. vSet 2's performance enhances the product platform available with Precision Planting's pipeline technology.

Spring 2015 Availability

vSet 2 will be available for *seed tube* delivery on John Deere Max Emerge 5 and White 8000/9000 mini-hopper row units. Because of the design of these row units, vDrive will be required. As compatibility expands to other row units, vDrive will not be required.

vSet 2 will also be compatible with *SpeedTube* delivery. 2015 compatibility includes John Deere XP row units with mini hoppers (CCS) and Kinze 3000 row units with mini hoppers (ASD).

Features

Continue to the next page to begin a comparison of vSet 2 and vSet Classic.

vSet Classic

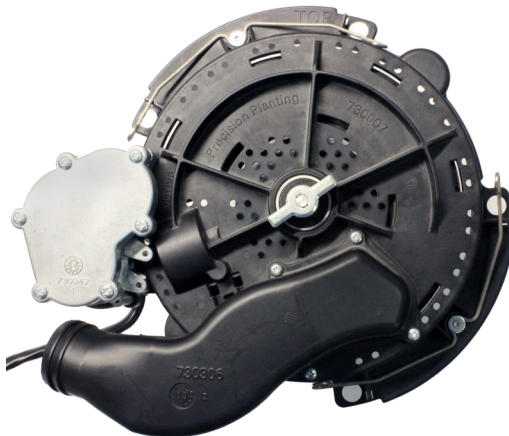
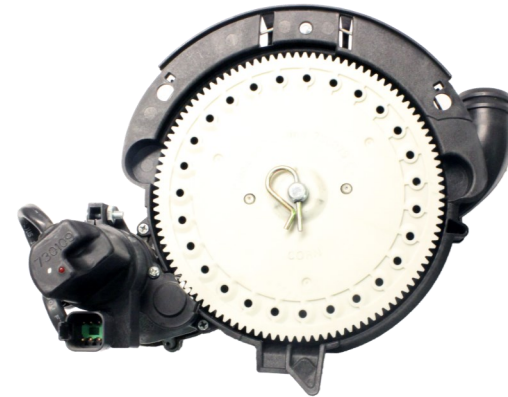


Meter Housing

In both vSet Classic and vSet 2, a new cotter pin is used to hold the disk in place. This makes it easier to change disks and allows needed space inside the meter.

vSet Classic and vSet 2 will have different crop kits.

vSet 2



vSet 2 incorporates a universal vacuum inlet to more easily connect tubing into the row.

A meter adjustment hand wheel is included with vDrive-ready meters.

vSet 2 has an improved lower latch to more easily unhinge and remove the meter housing.



vSet Classic



Meter Housing

vSet 2 incorporates tightened production tolerances for the meter hub assembly eliminating the need for adjustments when adding vDrive.

In vSet 2 the vDrive mounting location is changed for SpeedTube compatibility.

vSet 2



vSet 2 will plant the same specialty crops as the vSet Classic. A specific Crop Setup Guide for vSet2 will be made available shortly.

A new singulator for vSet 2 incorporates a sixth lobe for proper seed orientation with SpeedTube and for improved seed spacing with conventional seed tubes.

An improved seed extractor design allows for easier, tool-less removal.



vSet Classic

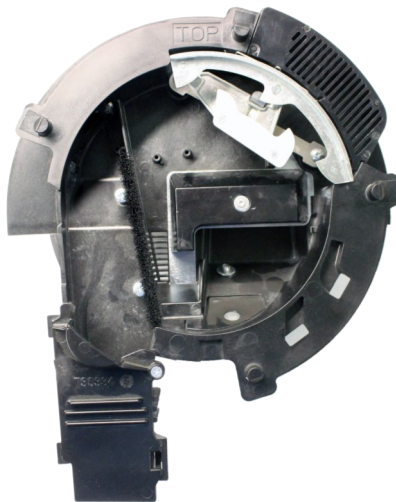


Meter Cover

A larger seed inlet for vSet 2 minimizes seed bridging across all crop types.

Improved meter cover makes disassembly and reassembly easier, particularly when switching between crops that use and do not use SpeedTube.

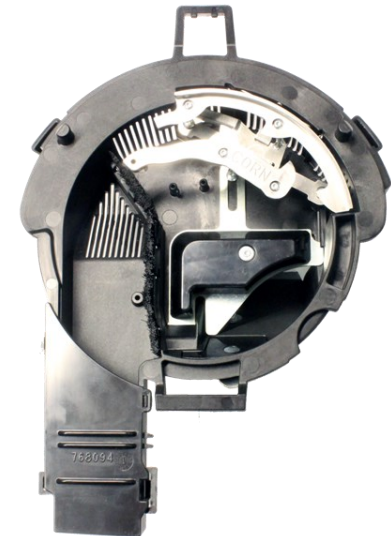
vSet 2



Improved baffle design prevents bridging and maintains optimal seed flow into the meter.

A third rib in the seed boot allows for additional row unit compatibility by providing optimal boot placement for each row unit.

New brush locations free up space in the meter and simplify manufacturing.



vSet Classic



Hopper

New mini-hopper with integrated snorkeling feature minimizes debris build up.

No tools are required to attach the meter to the hopper.

vSet 2



vDrive utilizes a new harness clip to ensure proper routing and connection into the row harness.

A single latch secures the meter to the hopper and allows for a quick release of the meter from the hopper.

No tools are required to remove the meter from the hopper.



vSet Classic



.086" Clip



.125" Clip

Disk Clip

vSet Classic has used a lynch pin to hold the disk. For increased clearance within the meter, vSet Classic will now include a wire clip. Early shipments will include a .086" diameter clip before transitioning to a .125" diameter clip. All vSet 2 meters will include the .125" diameter clip.

vSet 2



.125" Clip