Get more precise population control with electric vDrive™ system for vSet™ meters.

The FieldView® map above shows the variation in population with a conventional drive system (multi-colored pass) and the consistent population of vDrive (one-color pass) on a curve. Populations can vary as much as 5000 to 8000 plants when planting a curve, which hurts yield potential. vSet maintains the prescribed population on each row at every spot around a curve. Conventional drive systems will plant too many seeds on the inside and too few on the outside.

Powered by 20/20 SeedSense®, vDrive brings single-row control to your vSet meters. It enables incredibly precise population control on curves, when your ground speed changes and with all variable rate prescriptions – even highly granular FieldScripts®.

With the vDrive system, you don't need clutches, hydraulic motors and chains or cables. It uses a 12V electric motor that controls each row individually and eliminates the maintenance that chains and cables require.

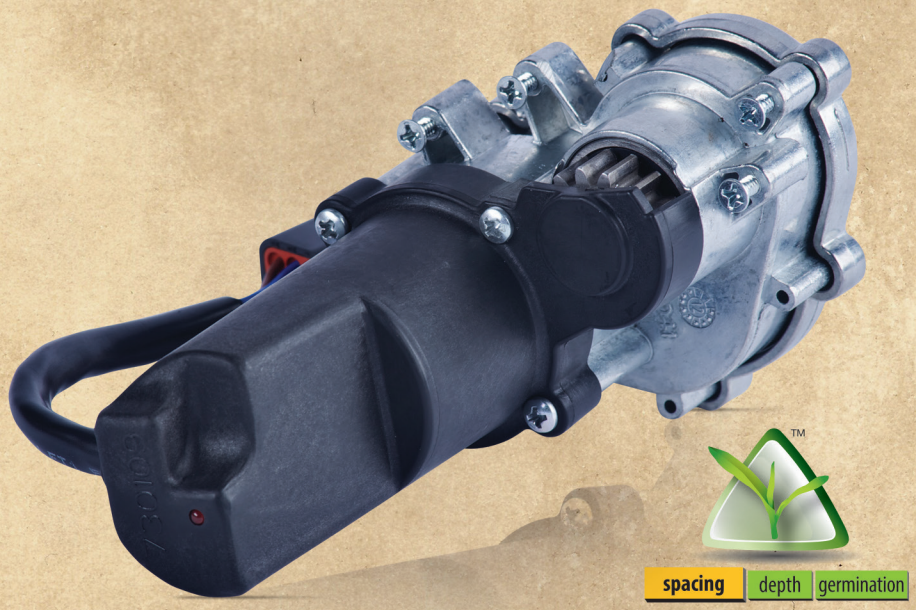
From the simple accurate row shut-offs, you'll get precisely planted headlands. From the new population algorithm, you'll get high-definition population reporting. From the row-by-row target population control, you'll get the ability to plant male and female seed corn plants in the same pass – without modifying seed disks.

Master planting population control. Pair vSet with vDrive, and make the most of your seeds in every foot of your field.

How **vDrive** works

SeedSense draws on GPS, radar and gyro inputs to accurately calculate each row's specific velocity. The vDrive Module (VDM) in the dust and moisture sealed motor assembly includes an encoder and closed loop control to maintain accurate population for each row in each foot of the field.

Installation is simple. The vDrive system screws easily onto the vSet meter. Power is delivered from the tractor battery or optional alternator through a single harness that delivers power and CAN communication to the row.



Technical Information and Specifications

System Requirements	20/20 SeedSense
Meter Compatibility	vSet only
Planter Compatibility	John Deere® with 1.6 bushel hoppers and mini hoppers Kinze® with 1.6 bushel hoppers and mini hoppers CNH® with 1.6 bushel hoppers and mini hoppers
Motor Assembly	12V DC electric motor gearbox motor speed sensor vDrive Module (VDM) in a sealed housing
Electrical Requirements	1.25 Amps per row (2.25 Amps per row if paired with DeltaForce™) an alternator option is available

Precision PLANTING®

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