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VIEW CATALOG

VACUUM PLANTERS

THE PRECISION VEGETABLE SEEDER

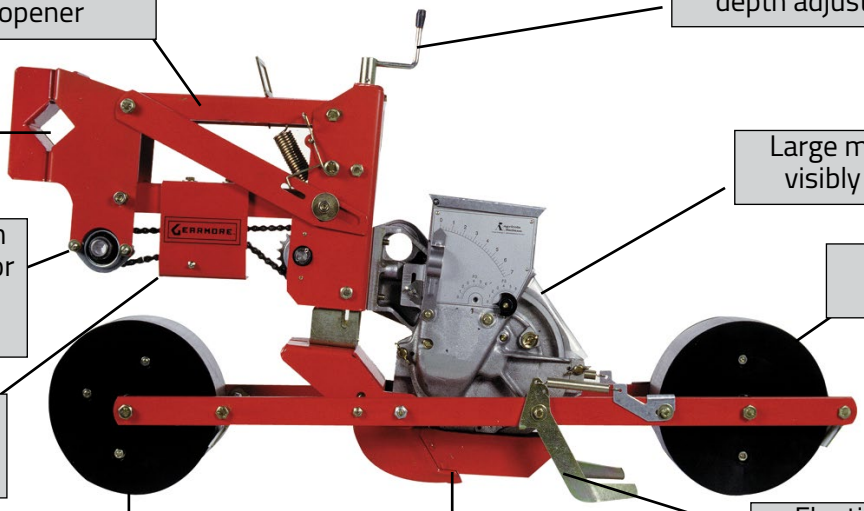
PLANT SMARTER, NOT HARDER.



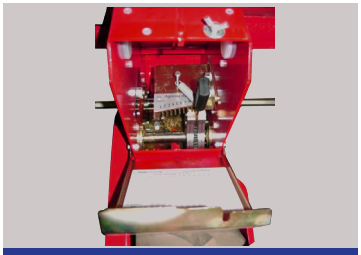
The Gearmore Precision Vacuum Planters are designed for extremely accurate vegetable seed placement. The PTO driven turbine fan or optional hydraulic drive creates a vacuum that draws seeds against the seed plates. Inner and outer singulators remove double to insure that individual seeds are secured to the vacuum hole. At the seed release point, vacuum is cut off and the seed is deposited in the furrow. The air compressor then injects a short blast of air to insure the hole is clean for the next seed. Easy to operate and maintain, this durable precision planter efficiently handles the smallest of seeds either raw or coated. We design and assemble planters to your specifications.

VACUUM PLANTERS

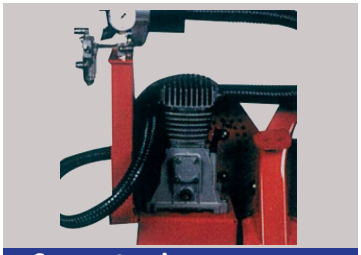
SEEDER FEATURES



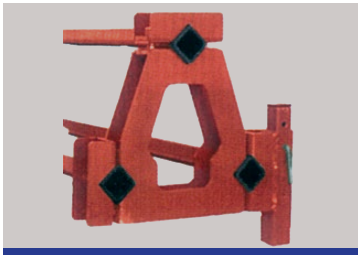
CHASSIS FEATURES



Easy to change seed spacing with shiftable 10 speed transmissions



Separate air compressor system cleans out each seed hole after seed is deposited



Exclusive 3-diamond bar or single H beam frame



Handy seed saver to vacuum out seeder units and save unused seed



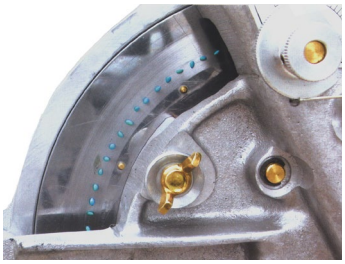
Planters are protected by a moisture and dust filter



Air pistol for cleaning metering units when changing seed plates

VACUUM PLANTERS

HOW THE METERING SYSTEM OPERATES

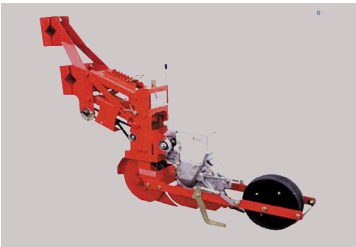


Inside the seeding unit, the disc turns in the opposite direction of travel. This direction of rotation minimizes "bounce" of the seeds leading to much more accurate placement.

SEEDER CONFIGURATIONS



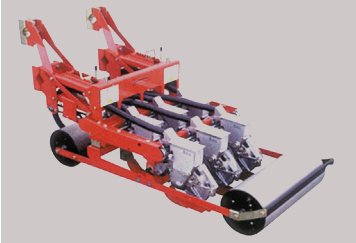
Single line planter



Single line planter with disc opener



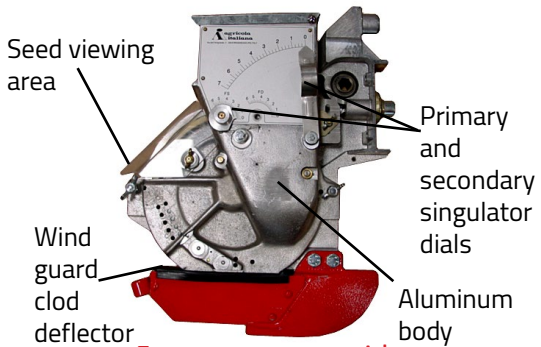
3 line planter remove 1 bolt for 2 line



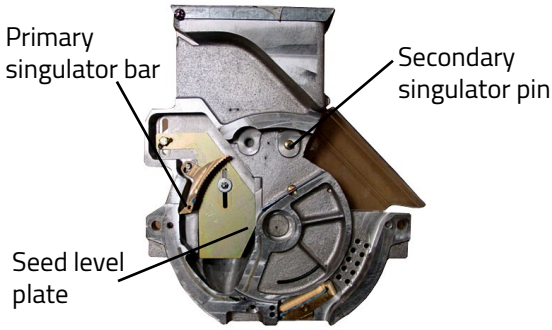
6 line planter

VACUUM PLANTERS

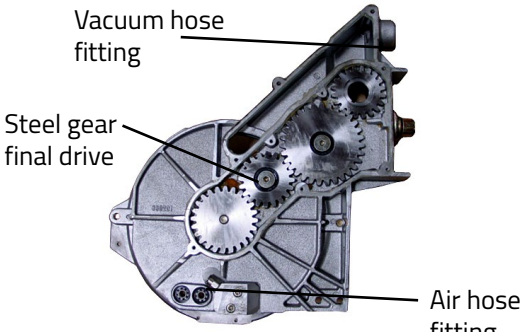
METERING UNIT MAIN COMPONENTS



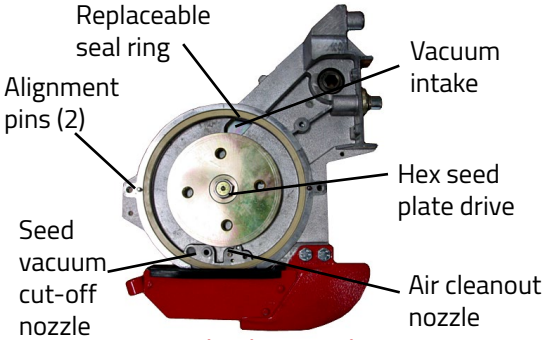
Front cover - outside



Front cover - inside



Main body - outside



Main body - inside

METERING UNIT MAIN COMPONENTS

- Standard module is 25" wide, with 6 planters and maximum spread width of 22" for high density line spacing of raw vegetable seed
- 3 rows of planters that can be adjusted for seed line spacings as close as ½" apart
- Solid frame that clamps on two toolbars for added strength
- Handy crank system for fine depth adjustment of all planters at the same time
- Planters easily slide on modular cross member for spacing adjustment
- Final planter drive system is through gears built into the planter body
- Large diameter wire mesh roller for covering the seeds
- Each planter is protected by a moisture and dust filter
- Large monitoring window in seeder to visibly check seed pickup
- Handy "Seed Saver" vacuum clean-out system to remove and save unused seeds
- Modules are available in different widths with the maximum - 21 planters in 66" wide modular
- The 2 seed spacing transmissions are shiftable to 10 different settings
- Vacuum fan assembly with adjustable settings
- Air compressor system cleans each seed hold after seed is deposited

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