



Model GVB520 Precision Pneumatic Metered Seed Planter



Specifications

- Planting Depths: 1 to 3 Inches
- Depth Control Combination Spring Loaded Parallel Arm and Gauge Wheel
- Row Center Spacing 48 to 80 Inches
- In-Row Plant Spacing 8 to 20 Inches Standard Spacing Sprocket Kit Included
- Side-by-Side Spacing 6" to Length of Tool Bar
- Three Point Hitch Category II (standard)
- Tire Size 15" AG Bar, 6 Ply
- Tool Bar Configuration Lock & Keeper Mounting, Lateral Slide Adjustment
- Seed Hopper Capacity 1/2 Bushel Per Hopper
- Maximum Planting Rate 3,600 to 7,200 Hills /hr. Depending on Plant Spacing and Field Conditions
- Seed Flow Rate8 to 2.5 Seeds Per Hill Seed Rate Sprockets Included
- Raised Bed Capacity 0 to 12 Inches
- Hydraulic Requirements 1,500 p.s.i. @ 8 gallons /min. Open or Closed Center

Simplicity in motion. A single row GVB520 seed planter injects a seed into the ground every half-second, approximately 7,200 hills per hour, either through plastic mulch covered beds, or directly into bare ground. For vegetable row crops where one to nine row configurations are required, planting heads may be positioned at any point along the length of the tool bar. All planters come completely assembled and set up to your exact specifications.

At the heart of this planter is our patented Posi-Flow™ Ground Engaging System which has been in commercial use since 1988. We utilize the precision, Italian made, Gaspardo® seed singulator which delivers a precise amount of seed to our patented ground engaging system.

The Planting Process

The GVB520 performs four functions at once. The first step involves a propane fired turbo torch that pre-burns a hole into the plastic mulch. Next, the planting jaw inserts a precise number of seeds (one to two average) into the ground directly through the center of the pre-burned hole. The packer wheel comes in behind it to pack the seed into the hole. The last step involves a water nozzle that dispenses approximately 1/4 cup of water, or liquid fertilized to flush the hole closed, sealing the seed into the ground. Each burst of water is timed to the hole, eliminating waste.

Regenerative Blower

A regenerative blower supplies the singulator with both positive and negative air pressure for precise, accurate control over your seed stock. Positive pressure moves the seed to the the injector cup allowing for faster planting cycles. Gravity does not play a factor. Negative pressure is used to hold the seed to the custom drilled seed plate. With a simple adjustment of the bleed-off cone valve, located on the blower, the operator can increase or decrease both vacuum and positive air pressure for unrivaled accuracy.

Optional Equipment

- Propane Hole Burner, 1.5, 2, 2.5, 3 and 4 Inch Sizes Available
- Water/Liquid Fertilizer Injector
- Universal Three Point Hitch
- 20# or 100# Propane Tank Bracket
- Seed Singulation is Customizable to Customer Requirements
- Optional Extended Spacing Available, 20 to 26 Inches In-Row

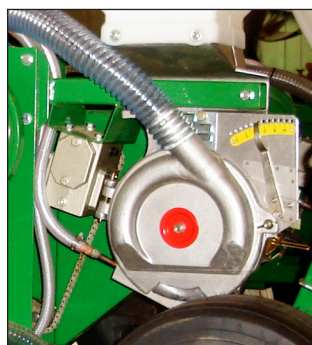
Independent Water Control Valves



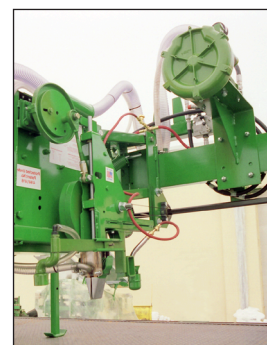
Planter Comes Completely Assembled



Gaspardo® Seed Singulator



Patented Ground Engaging





The Original Plastic Mulch Seed Planter



Precise Depth Control

Spring loaded parallel arms allow individual planting heads to float independently across the top of the seed bed. Because of this, each head will automatically adjust to the desired planting depth. Very little pressure is applied to the seed bed, so as not to disturb the plastic and underlying drip tape.

Plastic Mulch Hole Burning System

The GVB520 burn holes of various sizes through raised or flat plastic mulch covered beds. We utilize a propane fired turbo torch which heats a steel burner. When the red-hot burner makes contact with the planting bed, a hole is instantly vaporized in the plastic. The advantage of burning a hole over puncturing the plastic is that the heat seals the edges of the opening and eliminates any part of the row cover from coming in contact with the seedling.

Water Injection System

Dispersing approximately 1/4 cup of liquid at precise hole intervals floods the cell, and seals it without waste of water, or expensive chemicals. The shower head gently irrigates the hole, flushing the soil, compacting it around the seed for better germination.

In-Row Spacing

In-row spacing from eight to 26 inches (20 - 66 cm) is easily accomplished with a simple sprocket change. Being able to adjust the in-row spacing, row centers, and planting depth gives this planter the flexibility to plant almost any variety seed. Some of the more common varieties include: Chicory, lettuce, radish, celery, carrot, tomato, pepper, turnip, parsley, cauliflower, melon, spinach, cucumber, asparagus, watermelon, pumpkin, beets, squash, beans and corn.

Manufactured in the United States

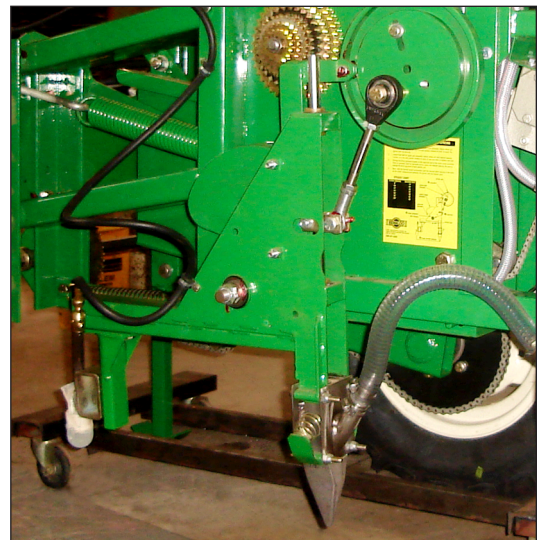
All agricultural equipment from Renaldo Sales & Service, Inc. is manufactured and assembled in the United States. We build equipment that stands up to the harsh field environment. Technical support, training, new equipment sales, and service comes directly to you from the factory, so you can be assured of getting the answers you need when you need them.



Packer Wheel, Planting Jaws, Hole Burner



Multiple Rows or Single Row Per Planting Bed



Posi-Flow Ground Engaging System



Down to Earth Technology

For more information visit our web site at www.renaldo.org

Renaldo Sales & Service, Inc. • 1770 Mile Strip Road • North Collins • NY, 14111 • USA

Phone: 800-424-5564 • Toll: 716-337-3760 • Fax: 716-337-2756

www.renaldo.org • E-Mail: james@renaldo.org