

ALLAN REVOLUTION PLANTER



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AP 4000 SERIES

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Equipment Manufacturing Ltd.

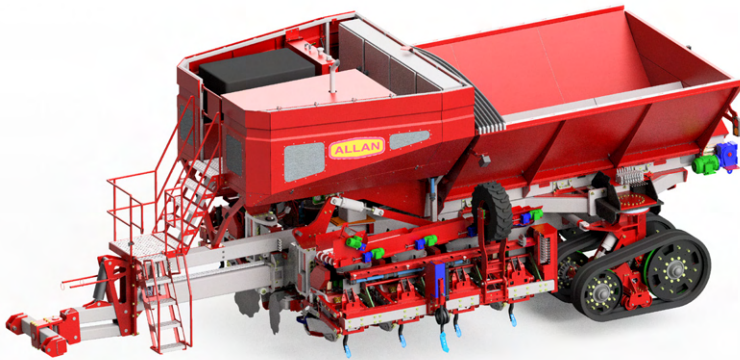


ALLAN EQUIPMENT
REVOLUTION
PLANTING SYSTEM

FIRST OF ITS KIND PLANTING TECHNOLOGY

KEY FEATURES

Unique 12-row design folds down to 14' width for transport and storage.



Spinulator technology easily adjusts for seed size to eliminate skips and doubles.



Reversing hopper belt allows for quick cleanout when changing varieties.



GRAVITRON: HEART OF THE PLANTER

A BOWL

- Ability to plant up to 10 seeds per second, which at 11 in spacing is just over 6 mph
- Adjustable wall allows for tuning seed pocket size for various seed profiles from the cab
- Easily changeable seed ring with different tooth profiles available
- Plastic lined for easy handling and improved product flow

B AIR KNIFE

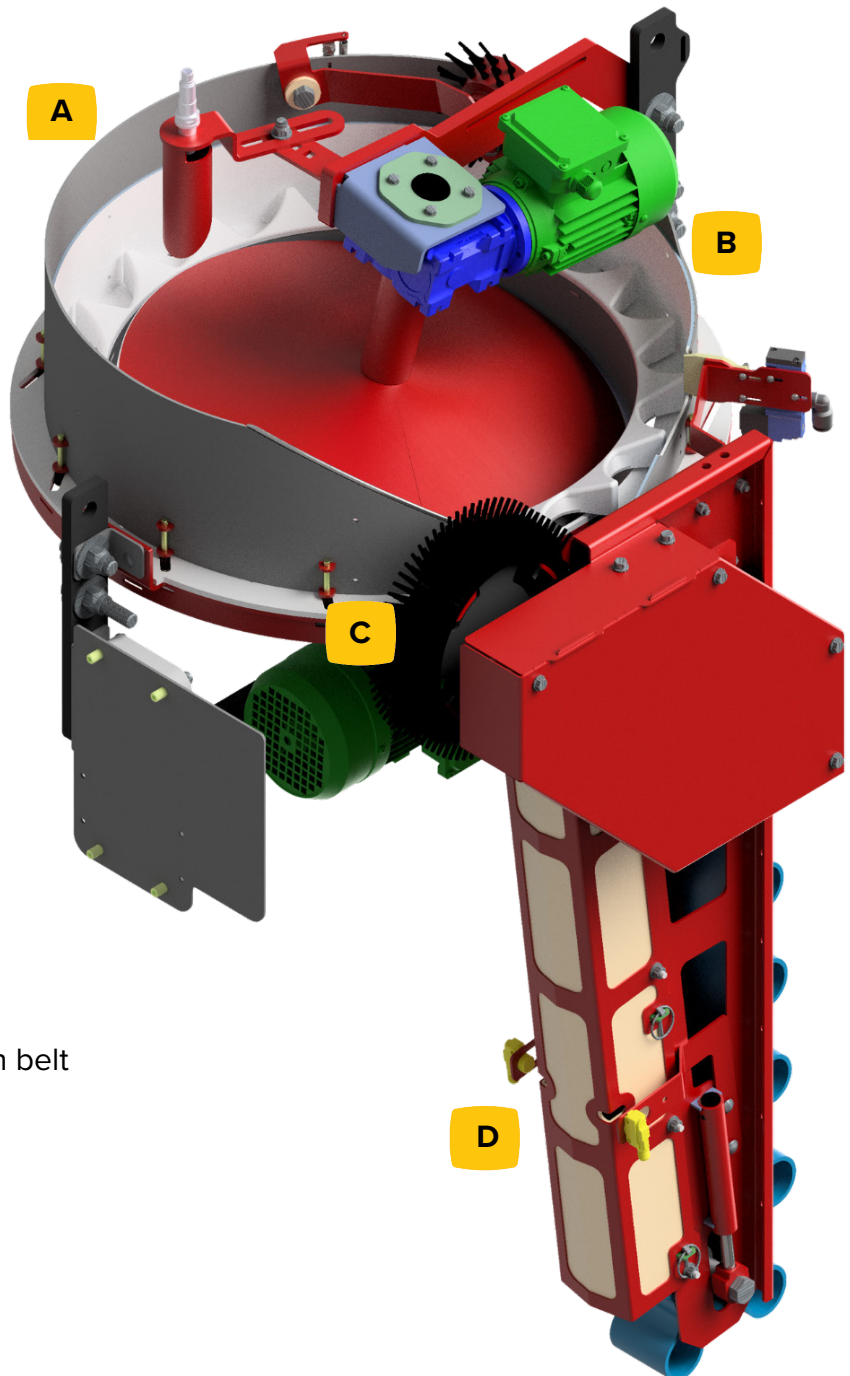
- Blows off doubles without damaging product
- Air timing can be adjusted from the cab to improve planting performance

C ELECTRIC DRIVES

- Electric control allows for very fine and consistent control
- Easy to disconnect with as few as two electrical connections per row

D SEED TUBE

- Single row drop
- Smooth plastic tube stops build up
- Laser skip sensor
- Positive driven belt over chain down belt



REVOLUTION PLANTER

The only high-speed, high-accuracy planter on the market delivering excellent singulation at high speed. It enables planting at belt-planter speeds while maintaining the precise spacing of a cup planter with no sacrifice. The folding design provides a narrow transport width for easy movement between fields.



A HITCH

- Maintains machine depth with radar sensor
- Pivots on Vesconite bushing for tight turning radius
- Connects to tractor via 2-point hitch
- Large amount of travel for navigating tough terrain

B TOOLBAR

- Number of rows configurable
- Available in 30 in, 32 in, 34 in, 36 in row widths
- Top conveyor distributes seed to each row
- Manual levers for all hydraulic functions
- Ripper tine for tractor wheel tracks
- Depth wheel for toolbar stability and maintaining depth
- No grease points – all Vesconite bushings

F ELECTRICAL

- 50 kW 480 VAC diesel genset Tier 4F, no DEF required
- 25 HP 110 cfm rotary screw compressor
- Off-the-shelf electrical components
- NEMA4 enclosures seal out water and debris
- Robust CAN communications

E HOPPER

- Customized hopper sizes: 10 ton – 25 ton
- Available with scales for operator feedback and pounds per acre planted
- Reversible belt for unloading remaining seed for variety changes
- Rear door for easy filling
- Central seed distribution
- Electric tarp system



SCAN TO WATCH THE
PLANTER IN ACTION



C ROW UNIT

- Individual row section control
- Easily adjustable planting depth
- Produces very large hills
- Adjustable coulters and shoe depth
- Press wheel for accurate planting at high speed

D TRACKS

- High flotation to minimize compaction
- 12 in width to fit between rows
- Hydraulic cylinder lifts toe of tracks up for road travel and improved performance on hard surfaces
- 25° steering angle for tight turns
- Ready for GPS steering
- Rubber block suspension for smooth ride



WHERE SPEED MEETS ACCURACY

DESIGNED FOR SMOOTH OPERATION AND CONSISTENT RESULTS IN EVERY ROW.

- Accurate seed placement for even emergence.
- High-capacity design keeps your pace efficient.
- Built tough for dependable performance in field conditions.

TRACTOR REQUIREMENTS

- 370 HP tractor required to pull 12 Row Planter at 6 mph (9.6 kph)
- 80+ GPM load sense pump recommended on tractor

PRODUCTIVITY

- Up to 25 acres per hour
- Up to 20 acres per fill
- Easy to change variety with reversible central discharge
- Automatic folding to be ready for transport in minutes

OPTIONS

- Liquid fertilizer and chemical system available through SurePoint Ag Systems
- Fully customizable liquid tanks
- Dry fertilizer application system



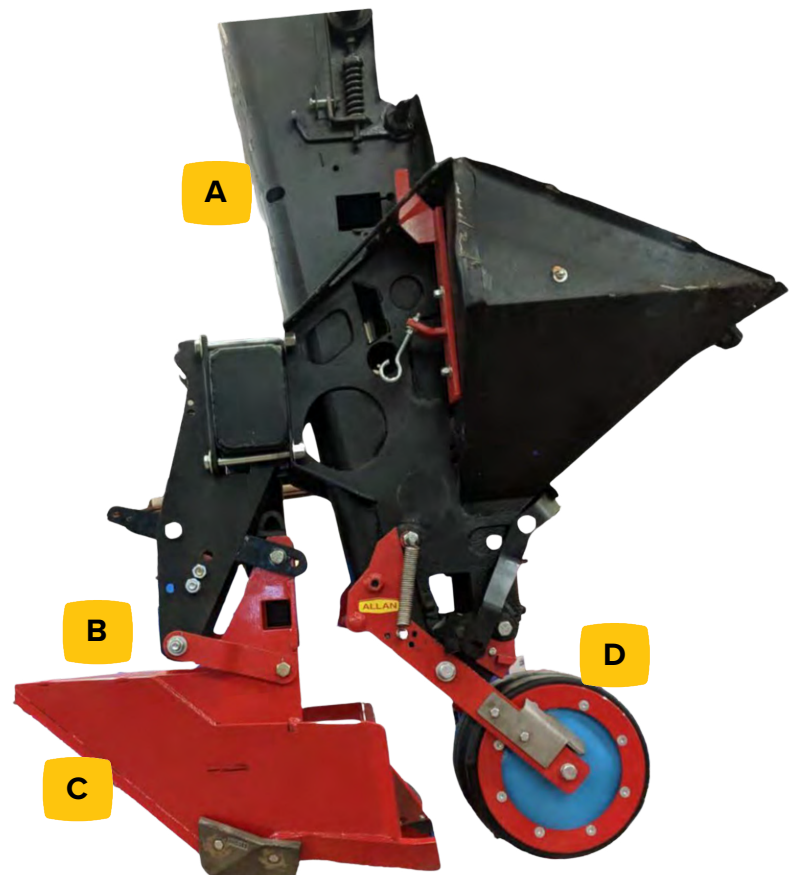


ALLAN PLANTER PRESS WHEEL KIT

The Allan Press Wheel Kit was developed to increase planter accuracy. The wheel gently locks seed into place as it hits the ground, eliminating seed roll. It allows operators to travel 50%–75% faster while increasing accuracy.

The kit is much more than a wheel. An entire system was designed to make planting as fast and accurate as possible. One part does not work without the other.

- A** Redesigned stainless steel seed tubes for smooth travel to the deflectors.
- B** Stronger, wider shoe creates a better bed for the seed.
- C** Deflectors inside the shoe position the seed to the center of the wheel for perfect placement.
- D** Wheel made from HD steel and PVC with a custom rubber membrane—durable yet gentle on the seed.



SERVING ALLAN EQUIPMENT



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