



Drill models 1200, 1500, 2000, 2400, 2700 & 3000

Straight Arm Opener (00 Series)

This opener features a formed-steel box design for unmatched strength. The new "Open Blade" design operates well in moist conditions. This opener also features T-handle depth adjustment, offering 18 adjustments in 1/4" increments.



Drill models 1300, 2S-2600, 3S-3000, 3S-4000, CTA4000



Parallel Linkage Opener (10 Series)

Drill models 1210, 1510, 2010, & 2410

All of the standard features plus the important advantage of controlling the precise contact angle and consistent down pressure that only parallel linkage can offer.



Parallel Linkage Opener With Side Depth Control (20 Series)

Drill Models 1220, 1520, 2020, & 2420

Designed specifically for conventional, minimum-till and stale seed bed. (Not recommended in no-till corn residue.) Provides depth control with 2" x 13" side depth wheels, which also prevent trench blow-out in gumbo soils. Spring-loaded, 1" x 10" or 1" x 12" double-V closing wheels close the trench properly and can be adjusted from 100 to 225 lbs. of closing down pressure.



Parallel Linkage Planter Style Opener (15 Series)

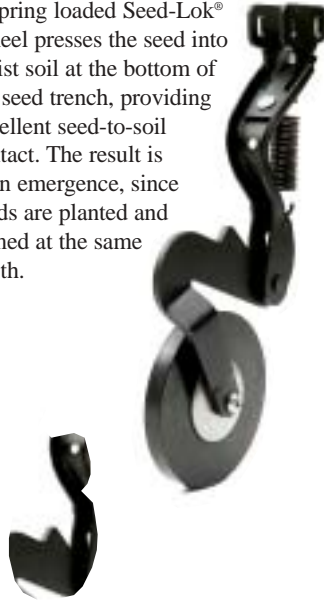
Drill models 1515, 2015, 2515

The planter style row unit is designed for precise seed placement in low-residue conditions and stale seedbed applications. Down-pressure springs on the row unit are easy to adjust with convenient T-handles. Heavy-duty parallel arms provide excellent ground gauging ability. Offset opener blades enhance penetration and residue slicing capability. The exclusive "Eliminator" Arm features cam adjusted side depth wheels.



Seed-Lok® (optional)

A spring loaded Seed-Lok® Wheel presses the seed into moist soil at the bottom of the seed trench, providing excellent seed-to-soil contact. The result is even emergence, since seeds are planted and firmed at the same depth.



Lock Up Feature

The Seed-Lok® can be ordered with our exclusive Lock-up feature. When the Seed-Lok® is not needed, an individual can quickly pull up and lock out the Seed-Lok® Wheels. (Available only on precision openers.)

Air Design® Disk Scrapers (optional)

This unique design features a special tungsten carbide cutting edge that will outlast and outwear standard scrapers. The aggressive scraping action is ideal for moist conditions. (Not available on precision openers.)



Opener Pivot Bushings

The opener pivot assembly utilizes a glass filled capron bushing mounted on a steel pivot tube to extend the opener life and make opener repair simple and economical.



T-handle Depth Control

Make press wheel adjustments quickly and easily with the T-handle depth adjustment; 18 settings mean precise control of depth in 1/4" increments.



Seed Tube and Flap

A newly redesigned seed tube and flap gently guides the seed all the way to the bottom of the furrow eliminating seed bounce and vastly improving seed placement.



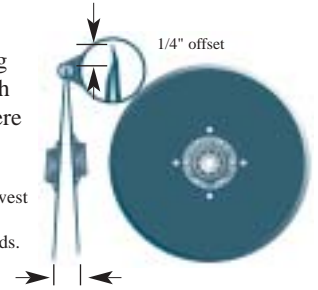
10 & 20 Series Precision Openers

00-05-10-20 Series Openers (shown with optional Seed-Lok®)



Opener Disk and Bearing Design

On double-disk drills the point of blade contact is critical — both in how the blades contact the soil and how the blades contact each other. The leading blade allows the opener to cut through soil and residue better than if they were nose to nose as some competitors do.



Great Plains opener is designed to be the narrowest in the industry. This enables the drill to achieve outstanding seed placement even at higher speeds.



While many competitive drills use light, No. 204 bearings on their openers, we've designed and use a bearing system specifically for tough seeding conditions. Our No. 205 is used on all Great Plains Drills. These bearings feature double lip seals for extended life.

Press Wheel Options



2" x 13" Single — This design presses soil directly over the seed, aggressively firming the soil surrounding the seed at the precise depth selected.

3" x 13" Center Rib — This design firmly presses soil directly over the seed with the center rib of the wheel creasing the soil. This crease allows the crust to crack open for even seed emergence.



1" x 12" Double-V — This design closes the seed trench with an aggressive pinching action. It provides excellent depth control in most soil conditions. (Not available on 6" & 7" spacing)



4" x 12" V-Groove — This design presses soil on the sides of the seed leaving a crown of lighter soil for

easy crop emergence. **Note:** Recommended for planting in very dry ground conditions.



3" x 14" Peak — This design presses a deep furrow with a defined ridge to capture snow and rain. The 3" x 14" Peak works well in lighter soils and helps reduce wind erosion. **Note:** Recommended for arid areas only.