

Row Unit Attachments



Standard-Duty Down Pressure Springs: Provide 5 to 115 lbs. (2 to 52 kg) down pressure. Recommended for improving row unit stabilization and penetrating moderate soil conditions.



Heavy-Duty Down Pressure Springs: Provide 30 to 480 lbs. (14 to 218 kg) down pressure. Recommended for most no-till conditions. Required for row unit coupler and other row unit tillage attachments.

Closing Wheels

Angled Rubber Press Wheels: Improves seed-to-soil contact in heavier soil and moderate no-till conditions. Adjust wheels by offsetting them or changing width 1.25" to 2.88" (32 to 73 mm) for improved performance at various seed depth and soil conditions. Adjustable down pressure: 50 to 200 lbs. (23 to 91 kg)



Angled Cast Press Wheels: Great for closing the toughest seed trench. Recommended for tough no-till. Adjust wheels by offsetting or changing width 1.25" to 2.88" (32 to 73 mm) for improved performance in high-residue and no-till conditions. Adjustable down pressure: 85 to 235 lbs. (39 to 107 kg)



Single "V" Trench Press Wheel: Firms both sides of the seed trench in mellow soil conditions. Advantageous for shallow planting in tilled soil. The center of the seed trench is capped for a soft top. Down pressure at 1.5" (38 mm) planting depth is 50 lb. (23 kg) with single spring and 100 lb. (45 kg) with dual springs as shown.



Mounted



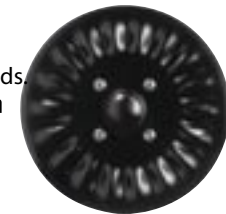
Frame-Mounted Tillage Coulter
The frame-mounted coulter gets its penetrating weight from the planter frame. It assures penetration without excessive stress placed on the row unit. The frame mounted coulter is recommended for tough no-till conditions and for use in soils that may contain rocks or other obstacles because the coulter is taking the abuse and relieves the stress from the row unit (shown with residue manager).

Tillage Coulters

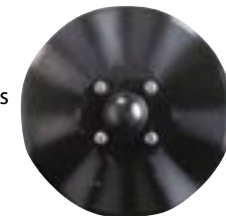
5/16" Ripple Blade
Creates little soil disturbance and operates well at all speeds. It provides a narrow seed trench of less than 3/4" (19 mm). For heavy residue or sod, this slices through the toughest conditions.



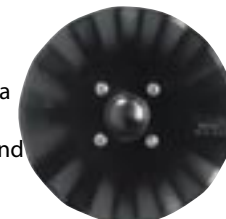
3/4" Bubble Blade
Wedges soils apart to provide a "V" seedtrack and operates well at most speeds. It provides a seed trench profile of less than 3/4" (19 mm) in the bottom to 1-1/4" (32 mm) on the top. Works well in compacted soils with high residue.



7/8" - 8-Flute Blade
Mixes soil with surface residue and operates well at higher speeds. It provides a seed trench width of 7/8" to 1-1/2" (22 to 38 mm). Cuts through residue very well and ideal for soft soil conditions.



7/8" - 13-Flute Blade
Aggressive soil and residue mixing and operates well at most speeds. It provides a seed trench width of 7/8" to 1-1/4" (22 to 32 mm). Cuts through residue very well and ideal for medium soils.



Options & Attachments

Fertilizer Metering, Guards and Attachments



Piston Pump: The variable stroke, double acting, single piston metering pump, dispenses a consistent flow of liquid fertilizer. All internal parts that come in contact with fertilizer are stainless steel.



Flow Divider Package:
The piston pump flow divider provides optimum liquid fertilizer metering accuracy to each fertilizer opener. The application rate per acre remains constant over a wide range of planting speeds.



Drive Wheel Rock Guard:
Protects drive chain from rocks and root balls.



Blower Inlet Screen:
Protects blower system from residue.



Bed Leveler: To level the seedbed in preparation for the seed opener. Recommended for soils with clods or small rocks.



Disc Trash Master:
Two 12" (305 mm) diameter solid discs clear a clean path in front of the seed openers. They move residue to the side to avoid hair pinning residue into the seed trench. Adjusts in 1/4" (6 mm) increments.