

SMS | 2026

RUGGED LOW MAINTENANCE DESIGN

The SMS Single Knife Opener features a simple, robust design with fewer moving parts than other single knife openers. Built heavier for demanding field conditions, it requires minimal maintenance with no grease points. Pivots use injection-molded composite bushings for long wear life. The knife arm's shape is intentionally engineered to allow heavy residue to flow freely, preventing plugging. A 1:1 packer-to-knife ratio ensures optimal seeding accuracy across various conditions.



SIMPLICITY OF OPERATOR CONTROL

This opener is designed for quick adjustments, enabling operators to set the drill efficiently for each field without trial and error. The patented Independent Trip design separates packing pressure and trip force adjustments for greater precision. Unlike traditional single knife openers that use a single hydraulic cylinder for both functions, the SMS employs two: one cylinder fine-tunes trip force to handle a wide range of soils and field conditions, reducing premature tripping and ensuring reliable re-engagement; the second cylinder adjusts packing pressure on-the-go from the in-cab monitor. The improved opener travel enhances ground contouring, consistent knife engagement, and uniform seed/fertilizer placement. Faster lift and lower times further improve precise placement, while the standard FastLoc Depth Adjust allows depth changes in 1/8" increments from 3/4".



OPERATOR CHOICE FOR A WIDE RANGE OF CONDITIONS

The SMS offers growers a variety of knife choices to suit different soils and crops. OEM options include:

1/2" Single Shoot Single Knife, preferred for heavy soils where minimal disturbance is needed and fertilizer is applied separately.

Dual Shoot 3.5" Paired Row with 3/4" Vertical Separation, ideal for paired row seeding to maximize seedbed utilization and support higher fertilizer rates.

Dual Shoot Side Band, which places seed above and to the side of fertilizer for precise separation, similar to the SMD Offset Dual Knife design.

Numerous packer tire options are available to match knife type and field conditions, with 10" and 12" opener spacing configurations to meet a range of seeding needs.

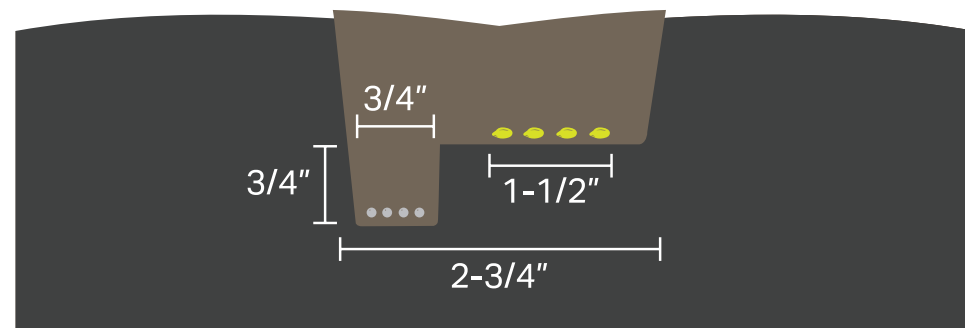
STANDARD FEATURES

- Smart Openers: Lift and lower openers into the ground with a convenient console switch while also utilizing our in-cab drill controller to adjust packing pressure
- Independent Trip:
- Lift Kit: Provides superior floatation when pulling through the mud
- Matrix Wing Lock: Partially unfolds each wing for lower transport height, ensuring safe travel under power lines and overpasses
- Distribution Kits: 2 1/2" formed stainless steel piping and stainless distribution heads for precise
- Blast to VBare Metal Paint: Flawless powder coat paint adhesion for an anti-corrosive finish that won't crack, chip, or peel
- 5-Year Frame Warranty
- Ideally paired with a new SeedMaster E-Series cart

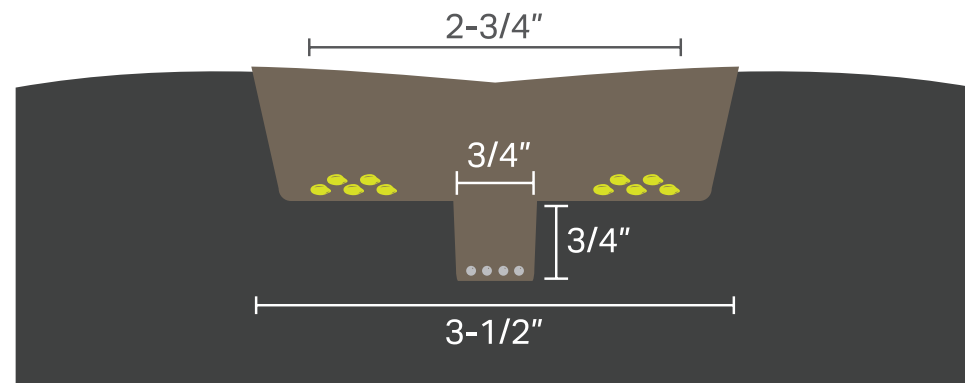




Sideband Opener with both Vertical and Horizontal Separation



3.5" Paired Row Seed placement with a deeper, center placed fertilizer band for vertical seed and fertilizer separation



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