

PRECISION SHANK DRILL




Highest Seedbed Utilization

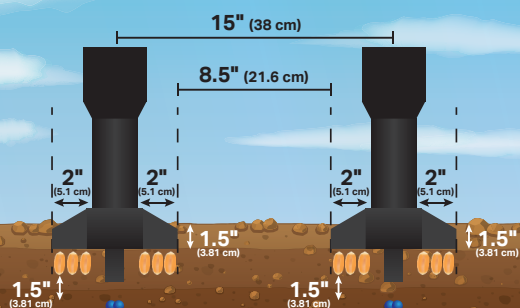
Superior Field Finish

Minimum Maintenance

Precise Seed and Fertilizer Placement

Excellent Residue Clearance

Dual Placement 15" Paired Row Opener Shown



Maximum Fertilizer Efficiency

Gain maximum fertilizer efficiency by putting the right fertilizer source at the right rate, time and place.

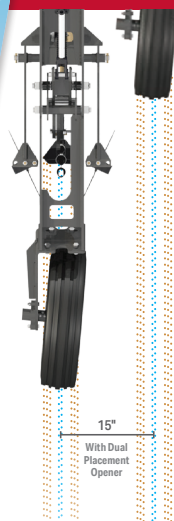
SIMPLE DESIGN. OUTSTANDING RESULTS.

Right Source > Apply NH₃, liquid or dry fertilizer.

Right Rate > Dual placement openers can apply the desired fertilizer amount at seeding time.

Right Time > Place as much fertilizer as needed while planting. You can also pre-apply fertilizer in the fall.

Right Place > Use dual placement openers to place fertilizer between adjacent rows and 1.5 inches deeper than the seed — right where the roots need it during the critical plant growth stages. Optional ribbon seeding also allows higher rates of fertilizer without damaging the seed.



PRECISION SHANK DRILL ROW UNIT

> Hydraulic Cylinders

Each row unit contains a hydraulic cylinder to provide active down pressure. This is adjustable from the cab.

> Independently Cushioned Coulter

An optional coulter slices residue and pre-fractures the soil allowing more soil and residue to move around the opener, instead of being lifted and blown out.

> Edge-On Shanks

Edge-on shanks minimize soil disturbance and allow optimal residue flow. They are compatible with a wide variety of openers.

> Independent Closing Discs

All of the soil that's displaced by the opener is captured by the closing discs to eliminate stepping (rear ranks covering front ranks to make a stepped field finish). They properly close the furrow, even at higher speeds, and are adjustable for full control over the aggressiveness and field finish, whether you want to achieve a level field finish across the rows or leave a shallow furrow for moisture retention.

> Wide Packer Tires

Wide packer tires properly level and firm the furrow to create the ideal seed environment and consistently smooth field finish, promoting uniform emergence.



OUR LEGACY. YOUR FUTURE.

Acres Per Hour

MPH

Width

	4.5	5.0	5.5	6.0	6.5	7.0	7.5	8.0	9.0	10
40	21.8	24.2	26.7	29.1	31.5	33.9	36.4	38.8	43.6	48.5
50	27.3	30.3	33.3	36.4	39.4	42.4	45.5	48.5	54.5	60.6
60	32.7	36.4	40.0	43.6	47.3	50.9	54.5	58.2	65.5	72.7
70	38.2	42.4	46.7	50.9	55.2	59.4	63.6	67.9	76.4	84.8
80	43.6	48.5	53.3	58.2	63.0	67.9	72.7	77.6	87.3	97.0

High Speed Operation

The Precision Shank Drill is able to operate at high speeds, thanks to the unique design of the closing discs. They capture all of the soil that is displaced by the seed opener, preventing soil from being thrown over neighboring rows and ensuring uniform seed covering from row to row at any speed. **By running at 8 miles per hour or more, the Precision Shank Drill is capable of covering more acres per day than wider hoe drills that are limited to 5 miles per hour or less.**

MODEL	PSD5 1	PSD6 1
Working Width	51.5' (15.7 m)	61.5' (18.7 m)
Weight	50,000 lbs (22,680 kg)	60,000 lbs (27,216 kg)
# of Seed Openers	41	49
Shank Spacing	15" (38 cm)	15" (38 cm)
Trip Pressure*	0-650 lbs	0-650 lbs
Transport Width	21' (6.4 m)	21' (6.4 m)
Transport Height	15' (4.6 m)	16' 5" (5 m)
Tractor Requirements	500-600 HP	600+ HP

*Varies if equipped with optional coulter.