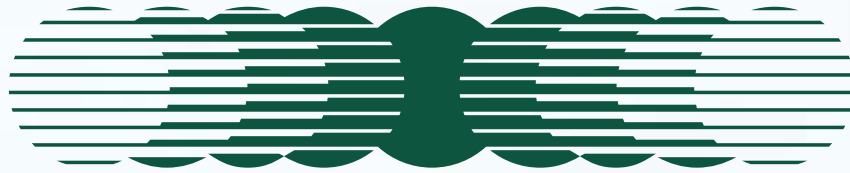


Amity

TECHNOLOGY



SINGLE DISC DRILL



FIELD PROVEN

Built with Amity Technology's patented opposing single discs, the Amity Single Disc Drill is field proven in no-till, minimum till, and conventional till soil conditions. The hair pinning and sidewall compaction with competitive drills simply does not occur with the Amity Single Disc Drill.

The wide-angled packer wheels shed mud in wet conditions and opposing single discs promote soil warming by disturbing a narrow band of soil between the two discs, providing the benefits of vertical tillage at seeding.

PRODUCTIVE

Productivity is possibly the most important thing in your farming operation. The Amity Single Disc Drill seeds in all tillage environments, making it the most efficient drill in the industry. Research on soil health keeps tillage practices changing. The Amity Single Disc Drill keeps up with these changes, seeding soybeans and cereal crops spring or fall and in conventional, minimum, and no-till environments.

The Amity Single Disc Drill is available in 30, 40, 50, and 60-foot widths, as well as the 30-foot Narrow Transport drill, covering more ground in less time.

With a seeding speed of up to 9 miles per hour, the Amity Single Disc Drill will seed more acres than larger competitive drills. It is the best choice for efficient and accurate seeding of soybeans and all cereal crops spring or fall.



The Amity Single Disc Drill is the best in the industry for productivity, accuracy, simplicity, and versatility.

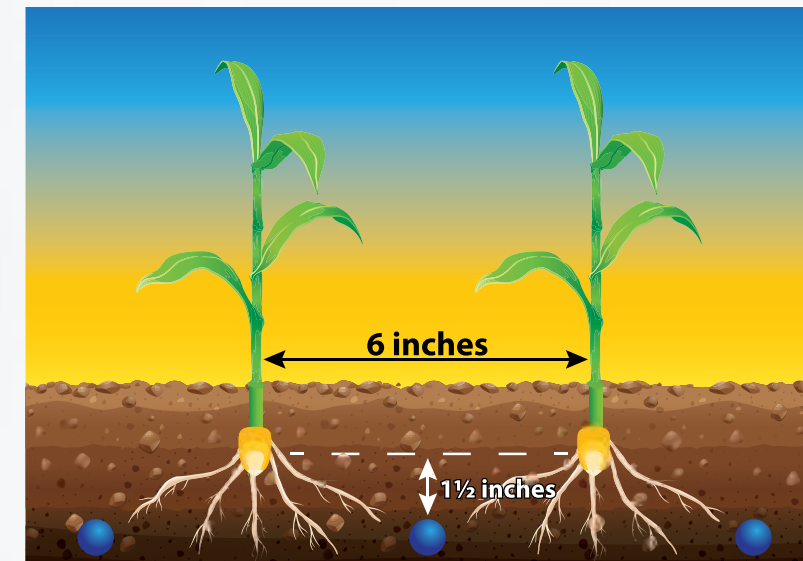
		WIDTH				
		30 ft.	40 ft.	50 ft.	60 ft.	80 ft.
MPH	5	18 aph	24 aph	30 aph	36 aph	48 aph
	9	33 aph	44 aph	55 aph	65 aph	

aph: acres per hour

ACCURATE

The Single Disc Drill can apply liquid, dry, or NH₃ fertilizer. It is the most efficient applicator of NH₃ because it properly closes the furrow so the NH₃ is captured.

Mid-row banders can be added or removed for proper fertility placement. The ease of changing the mid-row banders gives added value at trade in.



Optimal row width and fertilizer placement with the Single Disc Drill can give you a yield advantage vs. broadcast applications. Mid-row banding places starter fertilizer 3 inches from the plant row and up to 1 1/2 inches below the seed, so as the plant grows, the roots reach the fertilizer at the right time in their development.



SIMPLE

The Amity Single Disc Drill with precise down pressure gives consistent depth of seed for better stand and more uniform emergence. With the Single Disc Drill, the soil and residue are fractured, lifted, and leveled by the packer wheels.

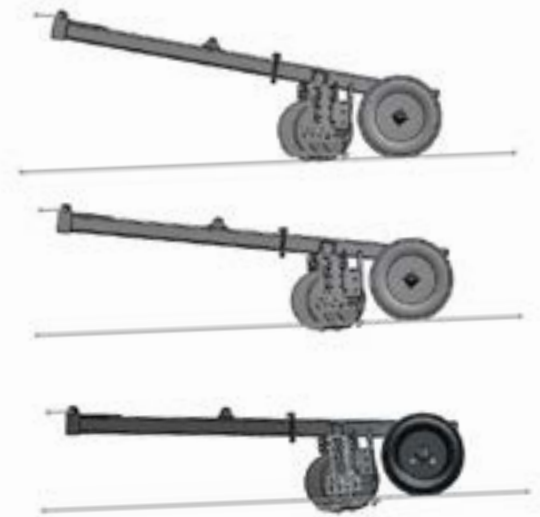
Frame height cylinders control seeding depth. There is no need to crawl through the machine to adjust each individual opener. This on-the-go pressure adjustment and quick seeding depth adjustment make seeding easier.

- Right away, you'll notice details that make the Single Disc Drill easier to operate and maintain, including:
- One rank seed openers
 - Simple daily maintenance (two 25 hour grease zerks per transport tandem)
 - Single point down pressure control
 - Annual greasing of bearings on all disc and packer hubs
 - Easy depth control adjustment



Precise down pressure

The down pressure is precisely maintained by a hydraulic cylinder on each tool bar. The pressure is constant throughout the entire range of cylinder travel. Pressure on the cylinders is controlled by the operator on-the-go. A pressure display on the down pressure control box allows the operator to monitor down force on the tool bars.



Depth control collars

Depth control collars in the frame cylinders hold the frame exactly at the desired height.

Depth control adjustment

Height on the drill frame sets the depth of the row units. As the drill rises, the discs seed shallower. As the drill frame lowers, the discs seed deeper. Packer tires hold the discs precisely at seeding depth.



VERSATILE

The Amity Single Disc Drill opener has 75% fewer parts than competitors and requires no in-season maintenance.

The Amity Single Disc Drill can easily be converted to a fertilizer applicator only. No other drill on the market can do this! Because the Single Disc Drill disturbs less soil, you can apply fertilizer in the spring for a great yield on corn and soybeans!



6"/9" Configuration

- Small grains
- Soybeans
- Pulse crops
- Canola
- Cover crops
- Fertilizer



Twin Row 30" Configuration

- Soybeans
- High-speed strip till
- High-rate fertilizer application



NARROW TRANSPORT

The 30NT Single Disc Drill from Amity Technology gives your farming operation more accuracy and more control. The integrated split hopper has a total capacity of 175 bushels and allows you to carry single or dual product on board for maximum efficiency.

Section control saves valuable input costs, improving your bottom line. Turning each of its three 10-foot sections on and off independently by sensing whether the drill has seeded that ground before, minimizes double seeding. Section control including turn compensation provides unparalleled precision.

Single Disc Drill Specifications

Width	30 ft	30NT	40 ft	50 ft	60 ft
Sections	3	3	3	5	5
Total weight	21,200 lbs (9,616 kg)	24,400 lbs (11,068 kg)	26,500 lbs (12,020 kg)	38,500 lbs (17,463 kg)	42,500 lbs (19,278 kg)
Weight with banders	24,500 lbs (11,113 kg)	29,000 lbs (13,154 kg)	31,000 lbs (14,061 kg)	44,000 lbs (19,958 kg)	49,000 lbs (22,226 kg)
Weight of ballast kit	1,280 lbs (581 kg)	1,280 lbs (581 kg)	1,620 lbs (735 kg)	2,220 lbs (1,007 kg)	2,900 lbs (1,315 kg)
Working width	30' (9.1 m)	30' (9.1 m)	40' (12.2 m)	50' (15.2 m)	60' (18.3 m)
Transport width	14' 3" (4.3 m)	11' 6" (3.5 m)	18' 11" (5.8 m)	21' 6" (6.6 cm)	21' 6" (6.6 m)
Transport clearance	0-20" (0-50.8 cm)	0-20" (0-50.8 cm)	0-20" (0-50.8 cm)	0-20" (0-50.8 cm)	0-20" (0-50.8 cm)
Transport height	14-15' 6" (4.42-4.72 m)	12' 8"-13' 6" (3.8-4.1 m)	16-17' 10" (5.13-5.44 m)	14-15' 6" (4.42-4.72 m)	16-17' 10" (5.13-5.44 m)
Tires/Main frame	440/55R18IMP 159A8/B	440/55R18IMP 159A8/B	440/55R18IMP 159A8/B	440/55R18IMP 159A8/B	440/55R18IMP 159A8/B
Tires/Wings	440/55R18IMP 137A8/B	440/55R18IMP 137A8/B	440/55R18IMP 137A8/B	440/55R18IMP 137A8/B	440/55R18IMP 137A8/B
Weight transfer hitch	N/A	N/A	Req'd with banders	Standard	Standard
Tractor requirements **	180-275 hp	225-325 hp	260-350 hp	320-425 hp	380-500 hp
# of seed openers	48	48	64	80	96
# of fertilizer openers	24	24	32	40	48
Disc size	18" (45.6 cm)	18" (45.6 cm)	18" (45.6 cm)	18" (45.6 cm)	18" (45.6 cm)
Packing pressure	Operator adjusted	Operator adjusted	Operator adjusted	Operator adjusted	Operator adjusted
Seeding depth	0-3" (0-7.6 cm)	0-3" (0-7.6 cm)	0-3" (0-7.6 cm)	0-3" (0-7.6 cm)	0-3" (0-7.6 cm)
Row spacing	6"/9" (15 cm/23 cm) paired row	6"/9" (15 cm/23 cm) paired row	6"/9" (15 cm/23 cm) paired row	6"/9" (15 cm/23 cm) paired row	6"/9" (15 cm/23 cm) paired row
Twin row 30" option	6"/24" (15 cm/61 cm)	6"/24" (15 cm/61 cm)	6"/24" (15 cm/61 cm)	6"/24" (15 cm/61 cm)	6"/24" (15 cm/61 cm)



Narrow transport

Many farming operations face restrictive transport limits. The 30NT-SDD, with a working width of 30 feet folds to a compact package of just 11.5 feet wide by 12.8 feet tall, lets you get down the road quickly and safely.





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