6100 PRECISION DISC™ DRILL

flexicoil
SETTING THE STANDARD

SEEDING TECHNOLOGY THAT MAKES EVERY SEED COUNT

Field conditions change. Planting windows can suddenly shorten and markets can swing unexpectedly. And through it all, you need to get the most you can from every single seed in the tank. That's why the 6100 Precision Disc Drills are designed to maximise your productivity — no matter the residue conditions you're dealing with or the crops you plant.

Precision disc drills are a versatile seeding tool to help you seed a broad range of crops more consistently and effectively. Plus, precision disc drills allow you to seed at higher speeds and spend less time on daily maintenance.

HIT YOUR AGRONOMIC AND YIELD TARGETS

Agronomic design means making the most of season, soil and seed. Every plant affects your bottom line, and that's why we design seeding equipment that helps you maximise yield potential, because it all makes a difference — and it all has to work together. The 6100 Precision Disc Drill has been designed with an eye on improving your agronomic performance.

HIGH-EFFICIENCY SEEDING FOCUSES ON A FAST UNIFORM START

Establishing consistent, uniform stand throughout the field gives your crops the best chance of reaching their full yield potential. The 6100 Precision Disc drill delivers the seed placement accuracy that creates good seed-to-soil contact for a fast, uniform germination in a variety of tillage systems from full-till to no-till.

OPTIMAL YIELD POTENTIAL FROM EVERY SEED

Accurate seed placement with forward-facing seed tubes that slow the seed down and help ensure it stays in the row — whether seeding canola a half-inch deep or chickpeas 3 inch (76 mm) deep.

Parallel-link system ensures even depth placement no matter the terrain.

Variable down-pressure springs apply correct pressure to ensure better penetration in varying residue and soil conditions.

GET MORE SEEDING DONE IN A DAY

Seed at higher speeds to cover more hectares in one day.

Requires less horsepower to pull, which helps you save on fuel costs.

Enjoy easy serviceability with welded-frame connections that increase durability and keep you in the field longer and only require annual maintenance.

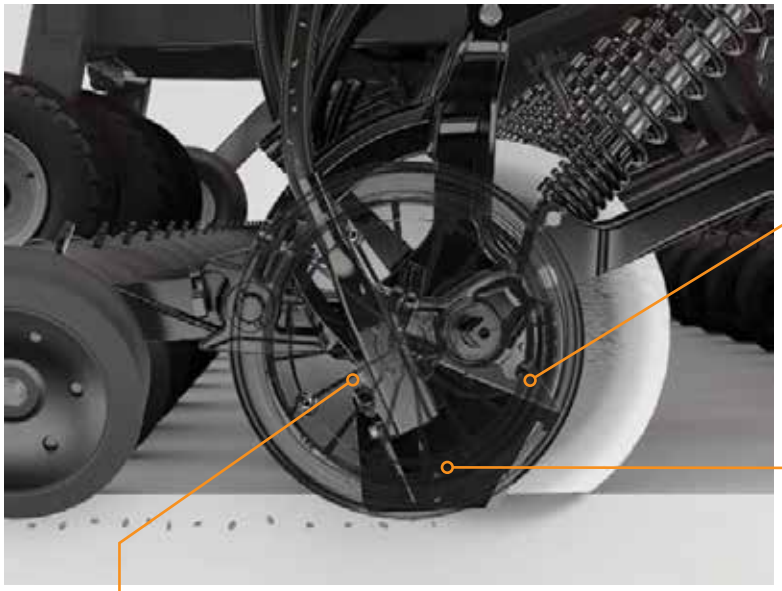
A DISC DRILL BUILT FOR YOUR FIELD

The 6100 Precision Disc Drill, with tow-behind or tow-between configurations, matches the capacity of a 60 series air cart.

Unmatched advanced seed metering options reduce or eliminate overlap at headland turns, point rows or around obstacles in the field.

HIGHER YIELDS START WITH CONSISTENT SEED PLACEMENT

The 6100 Precision Disc Drill is built based on agronomic design principles, standing up to rugged conditions with exceptional durability. With the goal of maximising every seed's yield potential, the ground engaging components of the row unit optimise seed placement accuracy and improve stand establishment.



IN CAB HYDRAULIC DOWN PRESSURE CONTROL

Controls let you adjust to changing field conditions on the go with speed and ease, from the tractor seat. There is no need for the operator to stop and make down pressure changes by adjusting a drill-mounted valve and gauge.

SCRAPER

It extends further down the opener to more effectively guide the seed into the row.

ANGLED SEED BOOT

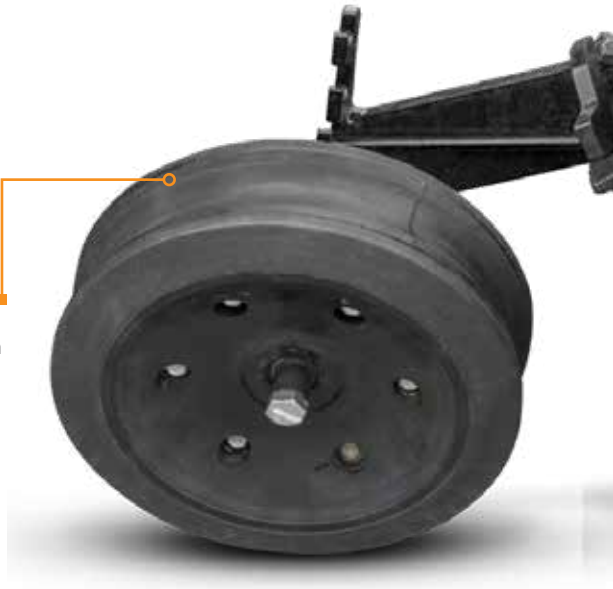
Leads to consistent and accurate seed depth and placement.

FORWARD-FACING SEED TUBE

Get more precise placement from tubes that direct seed toward the scraper. This slower path for the seed leads to vertical drop and reduces tumble and hop, so the seed stays in the row.

CLOSING SYSTEM FOR ALL SOIL CONDITIONS

The heavy duty, smooth faced concave 4 in (102 mm) by 12 in (305 mm) packer wheel was designed specifically for closing in tough conditions — whether in clay, sandy or both types of soils. The double-edged closing wheel follows behind, to seal the row effectively in a variety of conditions.

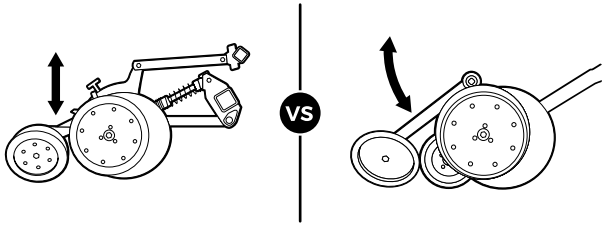


NO-TOOLS ADJUSTMENT

Easily adjust depth from zero to 3.5 in (89 mm) with a single spring-loaded T-handle. The adjustment range is divided into 14 increments, which are labelled for quick visual reference.

PARALLEL LINK

An efficient and innovative design leads to parallel travel of the assembly, which generates consistent disc depth, seed placement and closing wheel pressure. The opener has two arms that allow level lowering and lifting to plant at optimum depth with industry leading seed placement in any soil condition.



FLEXI-COIL: Parallel Link design **COMPETITION:** Single Trailing Link

VARIABLE PITCH DOWN-PRESSURE SPRING

Exclusive to Flexi-Coil, it ensures even emergence and reduced compaction across fields and uneven terrain. By providing additional pressure on the row unit, the spring keeps the gauge wheel engaged with the ground for consistent depth and seed placement.

18 IN (457 MM) DISC BLADES

Cuts cleanly through the heaviest crop residue. The design reduces hair pinning and maximises seed-to-soil contact. These disc blades are made with Earth Metal®, a proprietary steel that can withstand the impact of hitting rocks or other obstacles without cracking.

HIGH CAPACITY SEEDING WITH THE 6100 PRECISION DISC DRILL AND 60 SERIES AIR CARTS

Tow-behind or tow-between configurations of the 6100 Precision Disc Drill lets you pick the most efficient setup for your operation, and toolbars available in 30 ft (9.14 m), 40 ft (12.19 m), 50 ft (15.24 m) and 60 ft (18.29 m) widths give you even more options.

EASY ADJUSTMENTS, MAINTENANCE AND OPERATION

DISC DRILL

- Every toolbar width is available with 7.5 in (190 mm) or 10 in (254 mm) spacing. Front or rear ranks can be easily lifted and locked up hydraulically to seed in 15 in (381 mm) or 20 in (508 mm) spacing.
- Extended wear gauge wheels that are stubble resistant prolong component life in a variety of residue and soil conditions.

AIR CART

- Designed for easy access, the meter box allows quick adjustment, cleanout and service.
- Variable rate metering lets you control seed rates on the go from inside the cab.
- Use various combinations of meter rollers and cartridges best suited for your particular crop type and the meter speed is adjusted for rate control.

CONVENIENCE AND DURABILITY THAT'S EASY TO MAINTAIN

From welded frame connections to increase durability to simple folding for transport. The 6100 Precision Disc Drill is designed to add reliability and ease of use for exceptional performance.

RUGGED FRAME DESIGN

- More welded-frame connections increase durability.
- Centre structural steel tubing is configured in a V shape for superior weight distribution, particularly in softer soils.
- The industry's best wing flex — 15 degrees up and 10 degrees down while in the field — provides consistent and even seeding on terraces and rough terrain.

SIMPLE FOLDING AND TRANSPORT

- The vertical fold design makes for the lowest transport height in the industry, as well as narrow widths.
- Single and double fold, depending on toolbar size. A single remote lever in the tractor controls folding and unfolding.
- The V shape of the centre structural steel tubing adds stability and support during transport.

REDUCED MAINTENANCE AND EASY SERVICEABILITY

- The open frame design makes it easy to access all parts of the 6100 Precision Disc Drill.
- A majority of the setup is completed at the factory, which improves reliability and leads to increased uptime.

SPECIFICATIONS

6100 PRECISION DISC DRILL

	30 ft (9.14 m)	40 ft (12.19 m)	50 ft (15.24 m)	60 ft (18.29 m)
Configurations				
Tank style	Tow behind or tow between air cart			
Row spacing	10 in (25.4 cm) or 7.5 in (19.05 cm) - welded on mounts			
Frame				
Weight	7.5 in - (8,900 kg) - 10 in – (7,900 kg)	7.5 in - (11,250 kg) - 10 in - (10,000 kg)	7.5 in - (18,143 kg) - 10 in - (16,601 kg)	7.5 in - (20,639 kg) - 10 in – (18,824 kg)
Fold type	Single Fold		Double Fold	
Wing flex	3 section flex (10 degree down & 15 degree up)		5 section flex (10 degree down & 15 degree up)	
Hitch	Floating			
Transport height	13.1 ft (3.99 m)	13.8 ft (4.20 m)	13.2 ft (4.02 m)	14.9 ft (4.54 m)
Transport width	12 ft (3.65 m)	18.8 ft (5.73 m)		
Tyre package (high flotation)	Quantity: 16 total wheels Front of mainframe - 12.5 L x 15 dual wheels on castoring walking beam axles Front and rear on wings - 12.5 L x 15 dual wheels on walking beam axles (front on castor) Rear of main frame - 18 L x 16.1 dual wheels on walking beam axles		Quantity: 24 total wheels Walking tandem 12.5 L x 15 on inner and outer wings Walking tandem 16.5 x 16.1 on centre section	
Single shoot row unit / opener				
Minimum PTO Hp requirement	10 in (25.4 cm) - 145 Hp ** 7.5 in (19.05 cm) - 195 Hp**	10 in (25.4 cm) - 195 Hp ** 7.5 in (19.05 cm) - 260 Hp**	10 in (25.4 cm) - 228 Hp ** 7.5 in (19.05 cm) - 304 Hp **	10 in (25.4 cm) - 274 Hp ** 7.5 in (19.05 cm) - 365 Hp**
Operating speed	8-12.7 kph			
Depth adjustment	Per opener 0 - 3.5 in (0 - 8.9 cm) 14 increments with single "T" handle			
Row unit vertical travel (from surface)	8.5 in (21.6 cm) up, 11.5 in (29.2 cm) down			
Road - to - opener clearance	8.5 in (21.6 cm) up			
Row unit spring down pressure	160 - 400 lb (73 - 181 kg)			
Rank down pressure adjustment per row	Single point hydraulic in cab adjustment (200-1,400 psi)			
Opening disc	18 in (45.72 cm) single bevel at 7 degrees			
Closing system	Double edge, single wheel			
Closing system pressure	3 settings 59, 71, 84 lb - (27, 32, 38 kgs)			

**Additional horsepower is required to tow and operate the air cart. Minimum requirements are a starting point and should be based on operating conditions in the field, road transport conditions, and other implements that are used with the 6100 Precision Disc Drill.

NEW HOLLAND AGRICULTURE

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Send us an e-mail: **international@newholland.com**