



Advanced Seeding Systems





“ Other terrain-following drills don't have the trash clearance that SeedMaster does. It can go through anything. I seeded into the worst conditions a guy could seed into - 3,000 acres of hay fields and 30-year-old pasture that was like concrete. The seed and fertilizer placement was excellent. The germination and uniform growth was amazing. ”

Richard Maisonneuve  
66 - 12 TXB

## Ultimate Seeding Solutions for Your Farm

**At Simplicity Seedmaster, our focus is simple. Unbeatable precision and rugged reliability from tank to shank.**

That's the reason so many progressive no-till farmers trust SeedMaster planters with the critical task of seeding their crops.

We know you have only a few weeks of ideal seeding time. Simplicity SeedMaster offers a full range of complete seeding systems that will seed thousands of acres year after year into heavy stubble with perfect precision, no downtime and minimal maintenance.

With the capacity to match pull mounted or trailing Simplicity seeders to a variety of planter widths with a range of tyne spacing options.

No matter what your seeding requirements are, we have the ultimate seeding solution for your farm.

# The Simplicity SeedMaster Advantage

Total seeding precision. That's what you gain when you combine the pinpoint seed and fertiliser placement of our ground following openers with the gentle, accurate metering on all Simplicity air seeders.



## Terrain-following openers



SeedMaster openers are designed with a gentle hydraulic trip - a valuable feature when seeding on rocky terrain.

SeedMaster began independent depth control in the early 90s when Norbert Beaujot, designed the active hydraulic opener. Each individual SeedMaster opener places every seed at exactly the same depth across the field - for vigorous, uniform emergence, optimal yields and a crop that ripens all at once.

Our dual knives sideband fertiliser in a separate furrow - close enough to the seed for maximum uptake, yet far enough to prevent seed damage - so you can safely apply high rates of fertiliser with no worries. On rolling hills or open plains, on uneven land with dips and ridges the results are always the same. Superior product placement for a high-yielding crop.

## The Smart Hitch

The Smart Hitch™ - a hitch attachment for SeedMaster planters - makes it easy to seed between tall stubble rows without tearing into standing stubble and plugging openers, for optimal trash flow and a perfect seed bed.

The Smart Hitch™ senses the location of the previous year's furrow. It realigns your seed drill whenever the openers wander toward the standing stubble - keeping your seed bed safely between the stubble rows.



The Smart Hitch™ Sensor "feels" its way along the previous year's furrow.



The Smart Hitch™ pivots as two heavy-duty hydraulic rams keep your drill aligned and your openers between the stubble rows.



Research and field testing have proven that cutting stubble taller and between-the-row seeding offer tremendous benefits:

Crop yields increase up to 15% and higher

A superior seed bed

Shelters seedlings from wind and improves vigour

Reduces evaporation

Speeds harvest operations up to 50%

Saves on time and fuel at harvest

Less material passes through the header for easy chopping and spreading

Above figures proven through years of use throughout North America

Between-the-row seeding allows you to cut stubble taller to create a micro-climate effect that shelters seedlings from wind, improves vigour, reduces evaporation, and boosts yields.

# Quality Manufacturing



“ I like the heavy construction of the equipment – it’s very durable yet low weight. We’re able to get our crop in the ground quickly each spring because seed placement and germination are so consistent, whether the soil is wet or dry. That shows up at harvest. The best yields we’ve ever had are behind these machines. ”

Dustin Williams  
50-12 TXB





Powder Coat Paint Booth



Rotating Welding Station

## Uncompromising Quality & Craftsmanship

By building SeedMaster products in-house, we have full quality control - ensuring every weld is bulletproof and each component is finished to perfection. Our state-of-the-art manufacturing facility near Regina, Saskatchewan, is ISO 9001:2008 certified, and features:

- **Advanced laser cutting technology:** Streamlines production and accelerates our R&D program because steel components are cut in-house immediately as needed, to exact specifications.
- **Highly-trained and experienced welders.**
- **An industry-leading blasting chamber:** Flawlessly cleans steel components in preparation for powder coating.
- **A cutting-edge powder coat paint process:** Instead of wet paint that chips and peels, powder coating is applied and baked on - for an extremely durable paint finish that protects the resale value of your equipment.



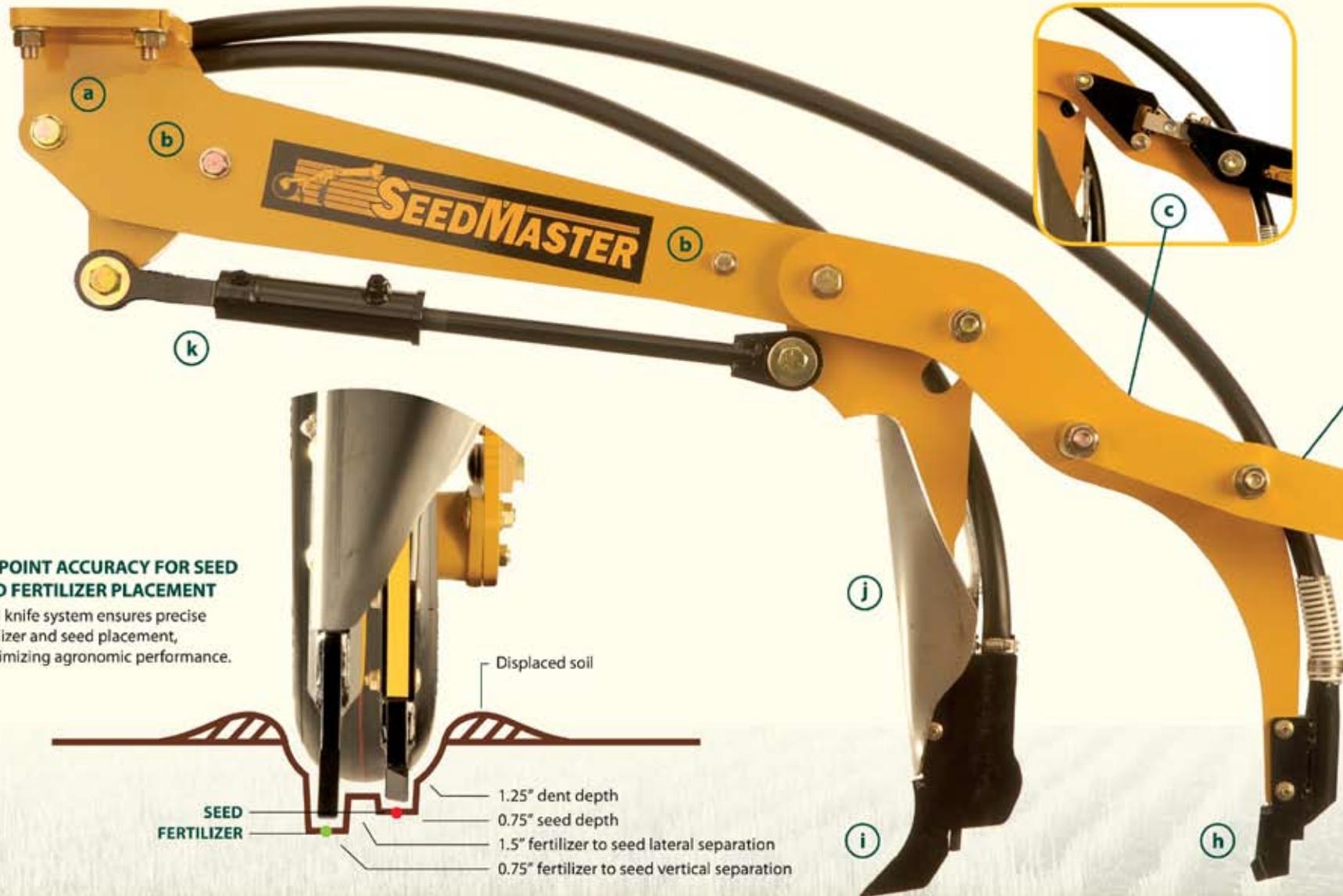
Metal Blasting Chamber



Advanced Laser Cutting Technology



# » Anatomy of a Great Opener



## PINPOINT ACCURACY FOR SEED AND FERTILIZER PLACEMENT

Dual knife system ensures precise fertilizer and seed placement, maximizing agronomic performance.

Displaced soil

1.25" dent depth

0.75" seed depth

1.5" fertilizer to seed lateral separation

0.75" fertilizer to seed vertical separation

“ We bought this drill to seed 7,000 acres of canola. We were able to drop our seeding rate from 4.5kg/h to 3.5kg/h, saving \$40,000 on seed. With the SeedMaster, every seed emerged. Now we seed all of our crops with three SeedMasters - it can seed anything. ”

Les McGrath, McGrath Farms  
72-12 SXG 300

## AUSTRALIAN FERTILIZER AND SEED KNIVES (OPTIONAL)

- Same durable design as our regular knives, but protected with 70 per cent more carbide on wear surfaces, extending life of knives in very abrasive soil

## Simplicity SeedMaster Opener Features:



### a) ANTI-CORROSION OPENER PROCESSING

- All steel components are flawlessly cleaned in a blasting chamber before powder coat is applied
- Attractive, long-lasting powder coated finish resists corrosion due to fertilisers or weather
- Protects your planters resale value

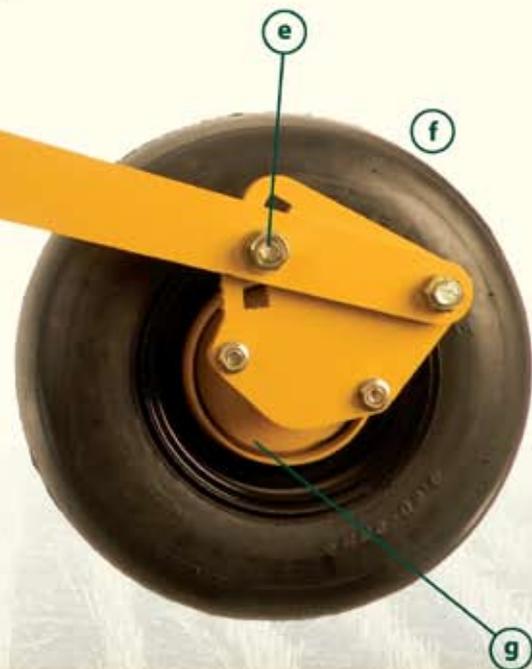
### b) MAINTENANCE-FREE PIVOT

- Double-bushing configuration with UHMW (anti-wear material)
- Adjustable as it wears, to ensure consistent peak opener performance
- Innovative design
- Gentle fertiliser knife trip and main opener trip



### "NO-FLAT" PRESSWHEEL TYRE OPTION

- Non-pressurised tyre-in-tyre option, for heavy residue crops
- Eliminates flats
- Maintenance-free



### c) PRESSWHEEL FORCE SENSOR

- Measures and displays presswheel force readings in tractor cab. Lets you accurately and easily adjust hydraulic pressure as soil hardness varies for uniform downforce

### d) HOSE HOLDER

- Clips delivery hoses in place. Eliminates plugging due to kinking

### e) QUICK DEPTH SETTING

- Simple, rugged design with built in depth gauge

### f) PRESSWHEEL

- Versatile pneumatic tyre. Flexible for mud release. Low pressures recommended for heavy clay regions

### g) TWINE GUARD AND MUD GUARD

- Protected bearings and hub setup for long maintenance-free life

### h) SEED KNIFE

- TruBand angled seed carbide ensures long life. Side soil push guarantees seed and fertiliser separation
- Carbide tip is thicker where it engages with the ground, for extreme durability
- Low replacement cost
- No maintenance required

### i) FERTILISER KNIFE

- Aggressive penetration angle, laterally stable
- Long-wearing, low replacement cost
- Thick-bottomed carbide tip slows wear. Extends long life
- Universal design for any combination of NH<sub>3</sub>, liquid and granular fertiliser

### j) RESIDUE DEFLECTOR

- (PATENT PENDING)
- Stainless steel deflector prevents residue from accumulating on knives
  - Ensures accurate product placement
  - Smooth hard finish
  - Standard on all Simplicity SeedMaster drills

### k) HYDRAULIC CYLINDER

- Long-life cylinder mounts. Double-bushing configuration
- Cutting-edge, corrosion-resistant technology; ORB fittings
- Low hydraulic pressure requirements because of aggressive penetration and hyper-efficient hydraulic block
- Gentle hydraulic trip for rocky land
- Built by ISO-certified manufacturer
- Double-braided hoses reinforced with two walls of braided steel for extreme strength and security

“When I set seed depth at 1/4 inch or 1/8 inch, that’s exactly where the SeedMaster seeds across the whole field. I use high rates of fertiliser without any worry of seed burn. And as the Smart Hitch keeps my openers between stubble rows...for fast emergence, and helping protect my seedlings.”

Del Gates, Certified Seed Grower  
60-10 TXB





“ Our fields are spread over 15 km along busy highways... The CT drill packs us so slim I feel safe on the road, even at night, because I’m not stopping traffic.

Our SeedMaster gives us the flexibility to do no-till and minimum till, applying most fertiliser pre-planting. There’s no doubt it outperforms every seeder on emergence because of accurate seed placement. ”

Richard Maisonneuve  
66 - 12 TXB

## Strong & Durable Frame Design

The rugged construction and simple, innovative design of SeedMaster frames deliver bulletproof performance in the field - from the 90 foot (27m) narrow-folding Compact -in-Transport (CT) line.

Heavy-duty steel components such as 4”x6” frame to ensure the lasting durability of our planters. Our 8”x6” rear steel beams easily handle towing Simplicity air seeders without impacting the precision depth control of our terrain-following openers.

Our Active Wing Brace also plays a critical role on frames 48 foot (14m) and wider. It reinforces the proven strength of Simplicity SeedMaster frames by gently reducing wing stress.

# Versatile Bolt-Together Design

Simplicity SeedMaster planters are low maintenance, light pulling and highly versatile with our bolt-together frame that offers many advantages.

The Simplicity SeedMaster bolt together frame means row spacing and planter widths are easy to adjust. Bolt-together frame joints are strong and flexible for reliability and performance you can count on.

## Options

All Simplicity SeedMaster frames are built ready to add valuable options at any time including:

The **Smart Hitch™** for seeding between stubble rows.

Our **Lift Kit** helps prevent your drill from getting stuck in the mud.

Our **Auto-Adjust Packing Force Sensor** for uniform on-row packing.

**Castoring rear wheels** for tight turns.

**Upgrade presswheel tyres** with our non-pressurised, no-maintenance Tyre-in-Tyre option to eliminate flats.

**Upgrade mainframe tyres** from standard 12.5L15 to 15/55-17.

**Upgrade wing wheel tyres** from standard single 12.5L15 to dual 12.5L15.

◀ Upgrade to single or dual lug tyres (750-65R26) to easily support the weight of on-frame tanks.



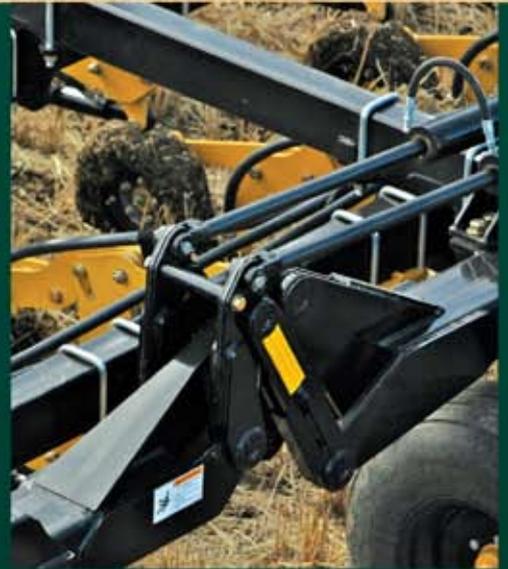
SeedMaster's narrow-folding CT line is traffic-friendly, as shown here with our 70' CT model.



## The M-Fold Story

The Secret behind creating a compact yet durable design for wider planters is our M-Fold.

Simplicity Seedmaster specialises in large-scale air drills - in the 70 foot to 90 foot range. Such wide drills provide huge economies of size - allowing you to seed more acres in a day and burn less fuel than with a smaller planter.



The M-Fold features the same folding mechanism found on all Simplicity SeedMaster frames.

In fact, our M-Fold features the same folding mechanism found on all SeedMaster frames. Its simple design keeps the cost of the M-Fold comparable to standard SeedMaster frames, and delivers the same rugged frame strength that Simplicity SeedMaster is known for.

The M-Fold is also a pivotal feature in our Compact-in-Transport (CT) planter, available in widths up to 80 foot that fold to a mere 18 foot (5.5m) for transport.

The Simplicity SeedMaster M-Fold is less complex than narrow, back-folding planters.

# ▶▶ Simplicity SeedMaster Options



## Anti-Corrosion Opener Processing

All opener components are cleaned to bare metal and powder coated for a long lasting, corrosion-resistant paint finish.



## Adjust-for-Wear Pivots

Main arm and fertilizer trip pivots are adjustable for extremely long-lasting wear and top performance.



## Heavy Duty Frame

Advanced frame design. Rugged construction will handle almost any load, with 4"x6" frame, 8"x6" beams and 8"x4" mainframe rails.



## TruBand Angled Seed Carbide

Angled carbide tip gives a side soil push guaranteeing safe seed and fertilizer separation. The carbide is thicker where it engages most aggressively with the ground, extending the life of your knives.



## Top Quality ISO Certified Cylinder

Designed specifically for SeedMaster. Canadian manufactured to high quality ISO standards. Superior powder coated finish.



## Wing-Away Residue Deflectors

Patented Simplicity SeedMaster technology prevents residue from building on knives for optimal product placement.



## Long-Wear Fertiliser Carbide

The carbide tip on our fertilizer knife is thicker at the bottom for a much longer life and fewer adjustments for wear.



## Blast-to-Bare-Metal Frame

All Simplicity SeedMaster frame components are blasted to bare metal to ensure flawless powder coat paint adhesion and a durable protective finish.



## Active Wing Brace (48' and wider)

Patented Simplicity SeedMaster technology prevents frame flex and eliminates wing stress on wider frames.



## Double-Braided Hose - ISO Certified

Hydraulic hoses are reinforced with two walls of braided steel for utmost strength and security.



## Corrosion-Guard Powder Coat Frame

Simplicity SeedMaster frame components are powder coated for an attractive, anti-corrosive finish, protecting your planter's resale value.



## Smart Hitch™ Ready

All drills are built ready to add our leading-edge, patented Smart Hitch™ technology, making it easy to seed between stubble rows for a superior seedbed and higher yields.

Standard Features



### Hose Lock System

Clips delivery hoses in place, with no risk of pulling out or plugging due to kinking.



### Dual Front Wing Castors

Dual Wheels provide greater flotation in soft or muddy fields (dual 12.5L15 tyres)



### Packing Force Sensor (Patent Pending)

Technology that ensures uniform packing. It lets you accurately and easily adjust hydraulic pressure from your tractor cab.



### Bolt-Together Frame Design

Industry-leading design allows you to easily adjust row spacing, drill widths, or add on-frame product tanks. Provides significant cost savings on shipping, and bulletproof performance.



### Floatation Main Frame Castors

These dual wheels are wider than standard mainframe wheels, offering excellent floatation in soft or muddy fields (dual 15/55-17 tyres).



### Smart Hitch™

Patented technology available on Simplicity SeedMaster planters. Keeping your openers aligned in the field, making it easy to seed between last year's stubble rows for maximum yields and residue clearance.

### Active Floating Hitch - "Lift Kit"

Our Active Floating Hitch will help prevent your air drill from getting stuck in the mud while seeding. It dramatically enhances the performance of your seeding system on softer land and in muddy fields.



Exclusive to Simplicity SeedMaster air drills, the Lift Kit redistributes forces on your drill to lighten the front end for superb floatability in muddy conditions. It significantly reduces stress on your hitch and drill frame when pulling through mud.



### "No-Flat" Press Wheel

This non-pressurised tyre-in-tyre design features a solid inner core and flexible outer shell that eliminates flats while maintaining the mud release flexibility of pneumatic tyres.



### Auto-Adjust Down-Force Sensor

Advanced uniform control technology to automatically adjust your hydraulic downforce in response to changing field conditions while seeding.



### Castoring Rear Wing Wheel

Castoring wheel pivots, making tight headland turns easy, without dragging your rear outside wheel.



### Remote Pressure IN-CAB Monitor

Conveniently displays digital pressure readings in your tractor cab from the Packing Force Sensor as it measures changes in down force across the field.



Simplicity Australia is excited about the introduction of the SeedMaster product range into our family. Adding this quality broad acre ground following planting product into our existing range adds a serious weapon to our arsenal. The Simplicity name is synonymous with quality air seeders and in over the last 15 years extending into universal tillage lines being the Allrounder and precision tool bar planting equipment including the Striker and X-Bar.

To you our customer, we now offer an extensive package of world class products to select from with the confidence in knowing these products have been designed and are supported by a manufacturer focused on planting best practice. Simplicity Australia has a comprehensive professional dealer network that covers Australia and New Zealand's broad acre farming regions. We support them so they can support you, to find your closest dealer please log on to our web site.

[www.simplicityaus.com.au](http://www.simplicityaus.com.au)



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AUSTRALIA

Your Local Simplicity SeedMaster Dealer:

