MORRIS | SEEDING

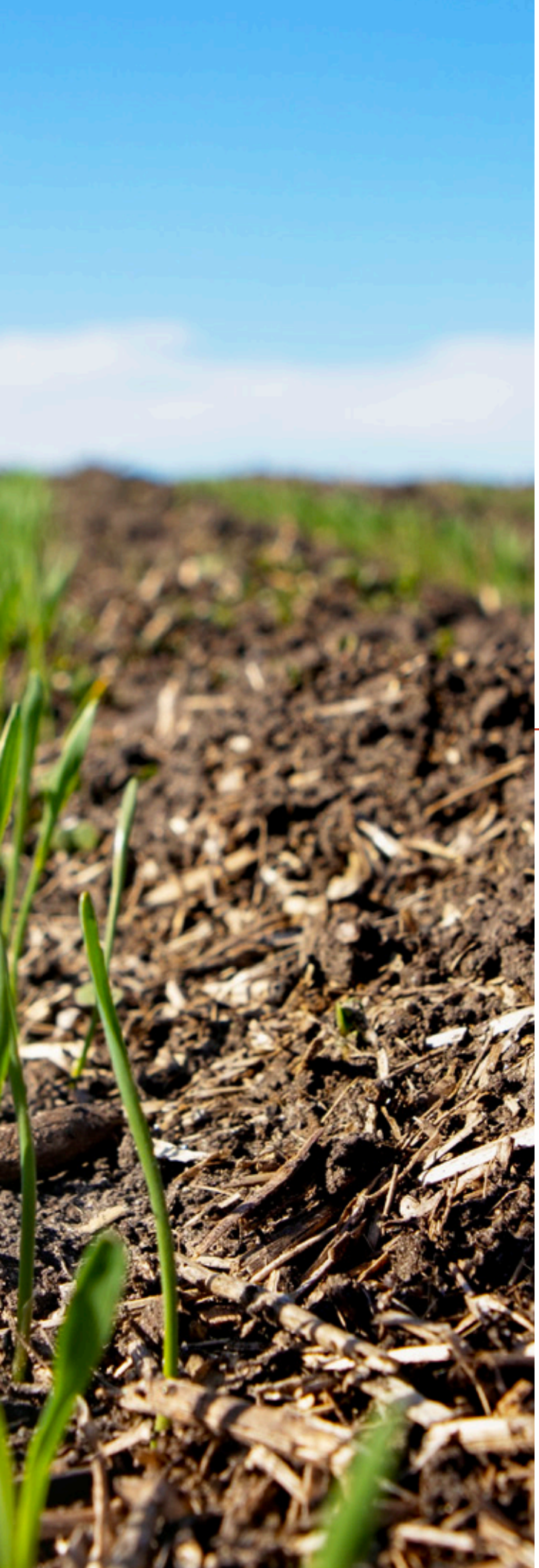


Designed to Perform.

Superior Farm Equipment is shaped by farmer experience and designed for the realities of the field. Our products deliver the accuracy, efficiency, and consistency farmers rely on for strong field performance season after season.

SUPERIOR FARM EQUIPMENT





Precision Starts Here.

When you seed with Morris, you give your crop a strong, consistent start that supports optimal yield potentials through precise seed and fertilizer placement, consistent depth control, and reliable seed-to-soil contact. Our equipment meets the demands of modern farming and increases productivity through advanced automation, straightforward setup, faster fills, and reduced downtime.

MORRIS



Better Crops Start Here.

Farmers who run Morris equipment consistently see stronger, more uniform crops.

In field demonstrations seeded the same day, at the same rate, and at the same depth, Morris systems produced higher plant populations and more advanced crop staging.

Rapid, uniform emergence is not an assumption. It starts with consistent seed placement with low seedling mortality and supports even crop development across the field..

Why settle for a good crop when you can grow a great one?

Agronomically Superior By Design.

PLACEMENT DRIVES PERFORMANCE

Consistent placement is where crop performance begins.

Morris seeding systems are designed to hold accurate depth, maintain seed and fertilizer separation, and support strong seed-to-soil contact across varying terrain and field conditions, helping create uniform emergence and stronger crop establishment.

ACCURATE DEPTH CONTROL

Uniform emergence starts with consistent depth.

The Morris independent opener maintains seed placement across varying terrain with a true **1:1 contour ratio with 16" of vertical travel**, helping every crop get off to an even start.

OUTSTANDING FERTILIZER-SEED SEPARATION

Proper separation protects emergence while supporting stronger fertility programs.

Morris double shoot openers place seed and fertilizer in distinct bands, keeping fertilizer where it belongs while maintaining a consistent seed zone for improved crop safety and development.

SEED-TO-SOIL CONTACT

Strong emergence depends on more than placement alone.

Morris openers are designed to minimize soil disturbance and create consistent seed-to-soil contact, helping moisture move effectively around the seed to support rapid, uniform germination.









THE QUANTUM ROW UNIT

Performance driven placement you can trust.

The Quantum row unit combines accurate depth control, strong seed-to-soil contact and Morris single- and double-shoot opener configurations to support different placement strategies. True 1:1 contour following maintains consistent placement across changing terrain, helping create rapid, uniform emergence and stronger crop establishment.

KEY HIGHLIGHTS

- Independent row units
- True 1:1 contour ratio
- Ground following with 16” of vertical travel
- Quick, easy depth adjustment in ¼” increments
- Single- and double-shoot opener options
- High catch point for clean residue flow
- Up to 800 lb trip-out force
- 100–230 lb packing force
- Multiple packer-wheel options

ACCURATE DEPTH CONTROL

Independent contour following maintains consistent opener angle and placement depth across changing terrain, helping every crop get off to an even start.

FERTILIZER-SEED SEPARATION

Single- and double-shoot opener configurations support different placement strategies. Double-shoot options maintain distinct seed and fertilizer bands for a consistent seed zone.

SEED-TO-SOIL CONTACT

Morris openers minimize soil disturbance and create consistent contact around the seed, helping moisture move effectively to support rapid, uniform germination.

HEAVIEST-BUILT ROW UNIT

Heavy cast construction maintains strength, alignment and consistent row-unit movement through demanding field conditions, season after season.





THE ALL-NEW QUANTUM **DUAL SHANK ROW UNIT**

The Quantum Dual Shank combines true 1:1 contour following with dedicated seed and fertilizer shanks for greater control over product placement. Adjustable lateral and vertical separation allows growers to configure placement around their crops, soils and fertility programs.

Controlled separation for strong establishment.

KEY HIGHLIGHTS

CONTOUR FOLLOWING
- True 1:1 contour ratio
- 16" of vertical travel
- Maintains opener angle and placement depth

ADJUSTABLE SEPARATION
- Dedicated seed and fertilizer shanks
- 1.75" lateral separation
- 0.75" or 1.25" vertical separation

RESIDUE FLOW
- 12° reclined shanks for better trash shedding
- Independent rear seed-knife trip-out*
- High catch point for clean residue flow
- Integrated trash deflector

ROW UNIT STRENGTH
- Heaviest-built row unit in the market
- 1" chrome pins and extended-wear bushings
- Cast packer arm and patented frame mounting

** Patent pending*

GREATER PLACEMENT FLEXIBILITY
Adjustable lateral and vertical separation allows growers to match seed and fertilizer placement to different crops, soils and fertility programs.

DEDICATED PRODUCT PLACEMENT
Dedicated seed and fertilizer shanks, paired with adjustable seed-tube height, provide greater control over where each product is placed.

RESIDUE FLOW
Reclined dual shanks and a high catch point create room for residue to move cleanly through the row unit. An integrated trash deflector and independent rear seed-knife trip-out help maintain consistent performance through changing field conditions.

HEAVIEST-BUILT ROW UNIT
The cast Quantum row unit uses 1" chrome pins, extended-wear bushings, a cast packer arm and patented frame mounting maintain strength, alignment and consistent field performance.



Configured for Your Fields.

Quantum gives you the trash clearance, row spacing, and opener options to match your field conditions, and agronomic strategy.



RESIDUE FLOW

The high catch point and reclined shank help residue flow cleanly through the frame, with an optional fourth-row kit available to increase residue flow beyond the standard three-rank configuration.

CONTOUR FOLLOWING

Built around a true **1:1 contour ratio**, the independent row unit follows ground contours with **16" (406 mm) of vertical travel**, maintaining consistent opener angle and placement depth across changing terrain.



DEPTH ADJUSTMENT

Simple and fast depth adjustment helps operators quickly dial in seed depth, with an extended depth range available for crops or conditions that require deeper seeding.

ROW SPACING OPTIONS

Row spacing options include **10"** (25 cm), **12"** (30 cm), and **15"** (38 cm), giving you the flexibility to support seed placement, residue management, and crop establishment across your operation.

OPTIONAL FOURTH ROW KIT

Available on 40-70 ft Quantum drills and standard on 80 ft models, the optional fourth-row configuration spreads openers across four ranks instead of three to improve residue flow in heavy straw conditions while maintaining accurate seed placement.

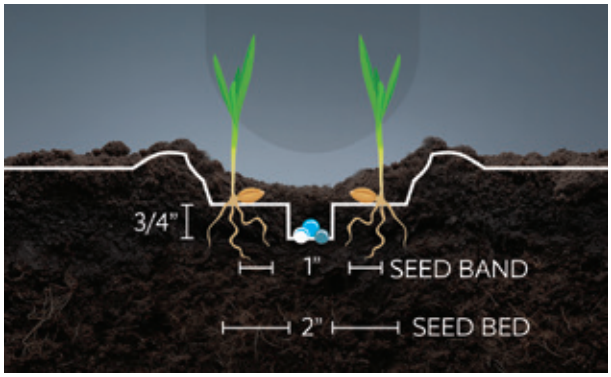
Performance Driven Placement You Can Trust.

Different crops, soil conditions, and fertility programs require different placement strategies. Choose the opener configuration that best fits your operation, crop rotation, and agronomic strategy.



PAIRED ROW

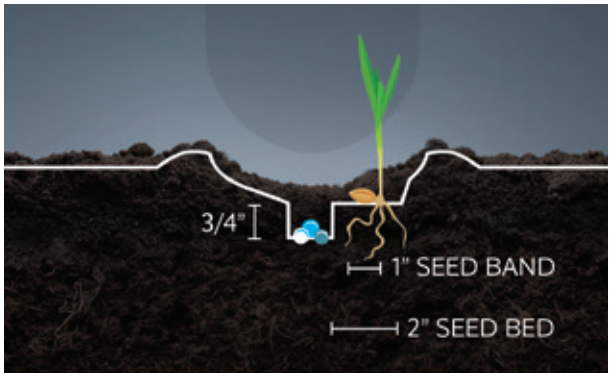
A double shoot opener with a 1/2" narrow nose, narrow injected polymer boot, and carbide-covered cutting surface to reduce disturbance and wear. Seed is placed in paired 1" seed bands, with fertilizer positioned separately below.





SIDE BAND

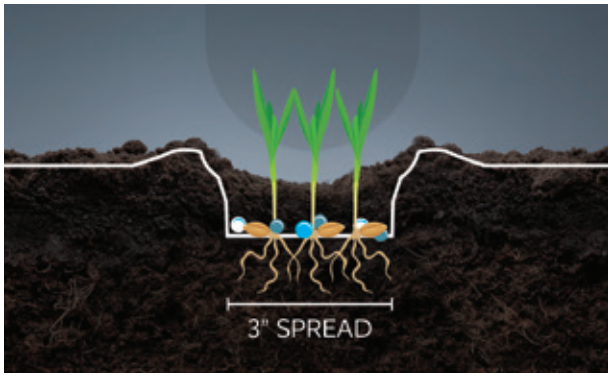
A double shoot opener with a 1/2" narrow nose that cuts rather than fractures soil. Seed is placed in a defined 1" seed band, with fertilizer positioned separately at 3/4" band depth to maintain separation and support consistent establishment.





3" SPREAD TIP

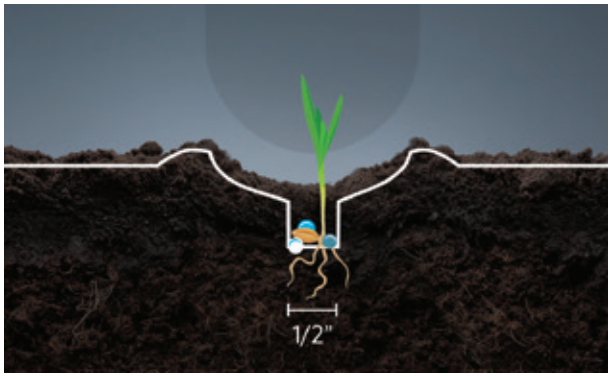
A single shoot opener designed to place seed across a wider 3" seed bed. This option spreads seed through a broader seed zone while maintaining consistent placement depth.





NARROW KNIFE

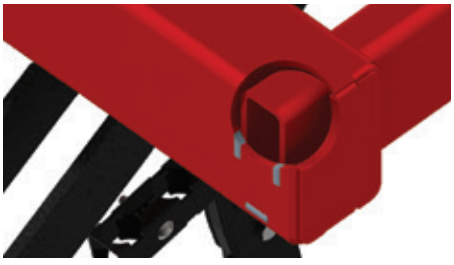
A single shoot opener designed for accurate seed placement in a narrow 1/2" seed bed. The narrow profile helps minimize soil disturbance while maintaining consistent depth and seed-to-soil contact.



Built for Strength, Capacity, and Control.

Quantum is built around the structural strength and product delivery capacity modern seeding demands. The heaviest built row unit in the market, patented Duraloc™ frame construction, 3" primary lines, and high-capacity divider heads work together to maintain placement, move product efficiently, and stand up to tough field conditions.

From frame to opener, Quantum is designed for growers who need high-rate capability, consistent field performance, and equipment that holds up season after season.



DURALOC™ WELDING JOINT

Duraloc™ creates a stronger frame connection than traditional butt welds with fish plate gusseting. This patented welding joint delivers 154% greater breakaway strength, supported by third-party testing.



HEAVIEST BUILT ROW UNIT

The cast Quantum row unit uses 1" chrome pins, extended-wear bushings, a cast packer arm, and patented frame mounting to maintain strength, alignment, and consistent field performance.



3" PRIMARY LINES

Larger 3" primary lines support today's higher fertilizer rates. Stainless straight sections, urethane-lined hose, and protected routing improve product flow while resisting kinking, fertilizer salts, and seed treatments.



FLAT FAN DIVIDER HEADS

Stainless steel flat fan divider heads move product in a smooth lateral flow. A 30% larger internal area improves large seed passage, supports rates up to 450 lb/ac, and is gentle on the seed.



REDUCED COMPACTION

Large 600/50-22.5 tires and a low pull point improve flotation in wet conditions, reduce ground pressure, and help keep the drill moving when field conditions get challenging.



STRONG HITCH DESIGN

With the center row unit placed at the rear, the redesigned Quantum hitch uses 20% more steel than the C2 Contour hitch for added strength in demanding field conditions.

Built for Scale.
Built for Precision

Introducing the New 100' Quantum

The 100' Quantum delivers independent opener precision, high-rate fertilizer capability, and simplified mechanical design in the 100 foot class.

It's not just bigger. It's built to perform at scale.



KEY HIGHLIGHTS

MECHANICAL SIMPLICITY
- 7-plex mechanical fold
- No complex sequencing
- Fewer failure points

AIR SYSTEM CAPACITY
- 3" primary system
- Designed for high-rate fertility
- Up to 500 lb/ac @ 5 mph

AGRONOMIC PERFORMANCE
- Increased rank spacing (extra 6" per rank vs smaller Quantum models)
- Better residue handling at 100 ft width
- Maintains flow without bunching or plugging

AGRONOMIC CONSISTENCY
- Maintains agronomic integrity at scale
- Independent opener, 1:1 contour
- Double shoot separation

PERFORMANCE AT SCALE
Designed for modern high-rate fertility programs without plugging or variability.

- Up to 500 lb/ac @ 5 mph
- Maintains distribution across full 100' width

AIRFLOW EFFICIENCY
Designed for modern high-rate fertility programs without plugging or variability.

- Smooth ID primary system
- 18% improved airflow vs rough hose systems

TRANSPORT ADVANTAGE
Narrower and lower profile than competing machines in this class, improving transport safety and accessibility.

- 28'3" W | 18'4" H
- Lower profile than competing 100' machines

ALL NEW

Quantum Model Line-Up

40' | Compact Versatility

The 40' Quantum combines precise seed placement, consistent depth control, and dependable performance in a compact design, providing flexibility for a wide range of seeding operations.

Working Width: 40' (12 m) | 3 ranks, optional 4th
Row Spacing: 10", 12" or 15"
Number of Shanks: 48 / 40 / 32
Number of Ranks: 3 standard, 4th optional
Frame Sections: 3

50' | Balanced Performance

The 50' Quantum balances increased field coverage with precise seed placement, consistent depth control, and flexible configurations to support efficient seeding across varying field conditions.

Working Width: 50' (15 m) | 3 ranks, optional 4th
Row Spacing: 10", 12" or 15"
Number of Shanks: 60 / 50 / 40
Number of Ranks: 3 standard, 4th optional
Frame Sections: 5

60' | Increased Productivity

The 60' Quantum delivers greater field coverage with precise seed placement, consistent depth control, and efficient residue management to support productivity across demanding seeding operations.

Working Width: 60' (18 m) | 3 ranks, optional 4th
Row Spacing: 10", 12" or 15"
Number of Shanks: 72 / 60 / 48
Number of Ranks: 3 standard, 4th optional
Frame Sections: 5

70' | High-Acre Efficiency

The 70' Quantum combines greater working width with accurate seed placement, consistent depth control, and dependable residue management to maximize efficiency across larger seeding operations.

Working Width: 70' (21 m) | 3 ranks, optional 4th
Row Spacing: 10", 12" or 15"
Number of Shanks: 84 / 70 / 56
Number of Ranks: 3 standard, 4th optional
Frame Sections: 5

80' | High-Capacity Performance

The 80' Quantum delivers substantial field coverage with improved residue flow, consistent seed placement, and a robust frame design built for efficient, high-acre seeding operations.

Working Width: 80' (24 m)
Row Spacing: 10" or 12"
Number of Shanks: 97 / 82
Number of Ranks: 4 standard
Frame Sections: 7

100' | Maximum Field Coverage

The largest Quantum delivers maximum field coverage with independent opener precision, high-rate fertilizer capability, and simplified mechanical folding to maintain performance across high-acre seeding operations.

Working Width: 100' (30 m) | 3 ranks
Row Spacing: 12"
Number of Shanks: 100
Number of Ranks: 3 standard
Frame Sections: 7, Mechanical fold

TOPCON XD+ MONITOR

The Topcon XD+ monitor gives operators a customizable in-cab display with more information visible at once. With an available TAP subscription, field data can also be synchronized between the cab and office for cleaner records and connected workflow management.



INPUT CONTROL TECHNOLOGY

Morris Input Control Technology supports sectional control and variable rate by section, automatically managing product application across up to 10 drill sections to help reduce overlap, prevent misses, and improve input efficiency.



HEADLAND MANAGEMENT

Headland Management automatically lifts and lowers the Quantum drill as it enters or exits headlands, helping reduce operator workload while minimizing seed and fertilizer over-application.



PRESSURE CONTROL

Pressure Control allows operators to increase or decrease drill operating pressure from the tractor cab to optimize performance in changing soil conditions. For mechanical drive carts or non-Morris air carts, the JEM controller provides alternative pressure control in 25 psi increments.



PACKING FORCE CONTROL

On equipped Quantum drills, Packing Force Control maintains consistent packing force and optimizes opener penetration across variable soil hardness by managing opener hydraulic pressure.



IMPLEMENT COVERAGE SHARING

Topcon Machine Link allows multiple machines to share live coverage and application data in the same field. Operators can view overall progress across machines, work more efficiently, and avoid duplicate seeding or application.





Practical Control. Powerful Capability.

Morris seeding systems are built with control at the core, giving you the tools to manage accuracy, efficiency, and field performance from the cab. From section and rate control to pressure, packing force, headland management, and shared coverage data, the technology works with the machine to make each pass easier to manage and more consistent across the field.



Capacity Without Compromise.

The 10 Series air cart is built to help you cover more acres with fewer interruptions. Large tank capacities, accurate product delivery, integrated technology, and operator-focused design work together to reduce downtime and keep seeding productivity high through long days in the field.

Designed around efficient filling, accurate calibration, and consistent product delivery, the 10 Series helps you spend less time stopped and more time seeding.







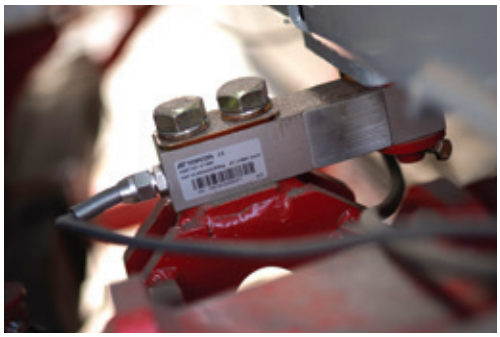
LESS TIME FILLING. MORE TIME SEEDING.

The 10 Series is designed to increase the number of acres seeded each day. Strategic tank split capacity, fast filling, left-side access points, simplified calibration, and accurate product monitoring help keep productivity high, downtime low, and makes the most of your time in the field.



FAST, HIGH-CAPACITY FILLING

Large tank lids, steep hopper angles, and the high-capacity single belt Convey-All conveyor help improve filling speed and tank cleanout. The conveyor fills tanks at rates exceeding 100 bu/min while the low-profile hopper and remote-controlled movement simplify positioning and access around the cart.



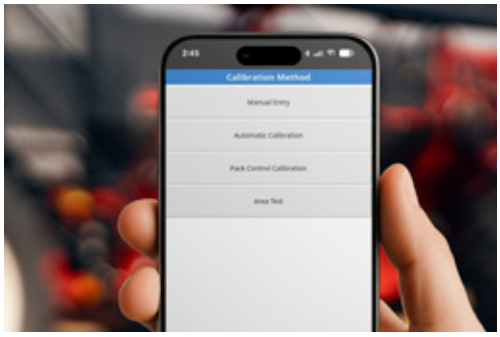
REAL-TIME WEIGHT MONITORING

Individual load cells under each tank show the weights added to each tank and what is removed through application. Real-time weight readings improve calibration accuracy, inventory tracking, and product management throughout your day.



STRATEGIC TANK SPLITS

Tank splits are strategically designed using agronomic principles and established nutrient uptake ratios to help tanks empty at the same time. The Optimizer Tank™ holds two mini-bulk bags of canola and can also be used to optimize acres per fill when seeding other crops.



DYNAMIC CALIBRATION

Calibration correction adjusts metering accuracy as product is applied, helping maintain target rates through changing product flow and field conditions. Paired with X-Tend remote access to the Topcon XD+ monitor, calibration checks and rate adjustments can be completed with fewer trips between the cart and cab.

10 Series Model Line-Up



1440 – Maximum Capacity Cart
The largest cart in our lineup, built for maximum capacity, high outputs, faster fills with a higher-capacity conveyor, and an 8/31/16/45 tank split for more acres between fills.

Tank Split: 110 / 450 / 235 / 645 bu

Configuration: Tow-behind

Tires: Dual VF710/70R42 CFO front, dual IF850/75R42 CFO rear



1050 – High Capacity Cart
A high-capacity cart with an 8/31/17/44 tank split, built for larger acre operations, high outputs, with more time between fills and strong flotation.

Tank Split: 80 / 330 / 175 / 465 bu

Configuration:: Tow-behind or tow-between

Tires: VF900/60R42 CFO standard



820 - Mid-Range Cart
Our mid-range cart with a 10/31/16/43 tank split, offering a practical balance of seed and fertilizer storage for a wide range of seeding programs.

Tank Split: 80 / 250 / 135 / 355 bu

Configuration: Tow-behind or tow-between

Tires: VF710/70R42 CFO standard, VF900/60R42 CFO optional



660 – Compact Cart
Our compact cart with a 9/30/15/46 tank split, built for operations that want 10 Series metering, control, and product handling in a smaller-sized package.

Tank Split: 60 / 200 / 100 / 300 bu

Configuration: Tow-behind or tow-between

Tires: VF710/70R42 CFO standard

Where Size Matters.

The 10 Series lineup gives you capacity options to match your acres, fertility program, and preferred cart configuration. Each model is built around practical tank splits, high-capacity product delivery, and the flotation needed to keep moving in field conditions.

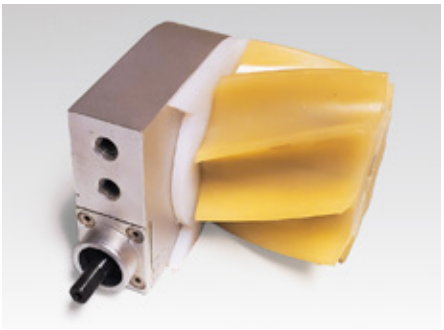



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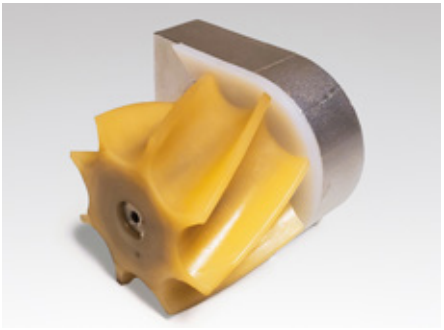
Metering Built For Accuracy.

The 10 Series electric metering system is powered by a hydraulically driven 150-amp brushless alternator and overbuilt, maintenance-free 24 V brushless motors. With infinitely adjustable rates, the system delivers smooth, consistent product flow across varying crops, products, and fertility programs.



SEALED GEAR BOX

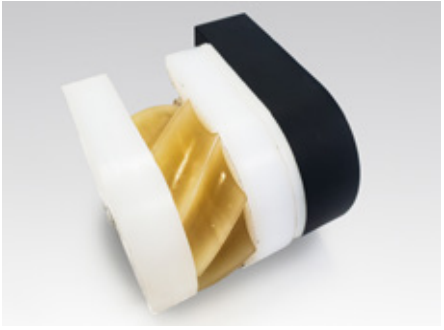
A sealed 40:1 worm drive gear box with stainless steel output shaft transfers power directly to the metering wheel while helping protect critical components from dust and contamination.



SPIRAL FLUTED METERING WHEEL

The Morris spiral fluted metering wheel delivers smooth, continuous product flow into the air stream and remains a proven standard for metering accuracy across varying application rates.

Rate range: 20-300 lb/ac



OPTIMIZER TANK METERING

The Optimizer Tank™ metering wheel is designed for accurate low-rate product application, supporting consistent delivery for products requiring lower application volumes and tighter metering control.

Rate range: 1-50 lb/ac

HIGH-CAPACITY AIRFLOW

Large 22" fans move the air volume needed for today's high product rates, while the optional AirGuard blockage prevention system helps maintain consistent product flow across the drill.



FAST, SIMPLE ADJUSTMENTS

Metering adjustments are completed from the left-hand side of the cart. A single lever changes seed plate clearance without a need for meter wheel changes, while calibration, collector, and shut-off adjustments remain quick and accessible.



REDUCED COMPACTION

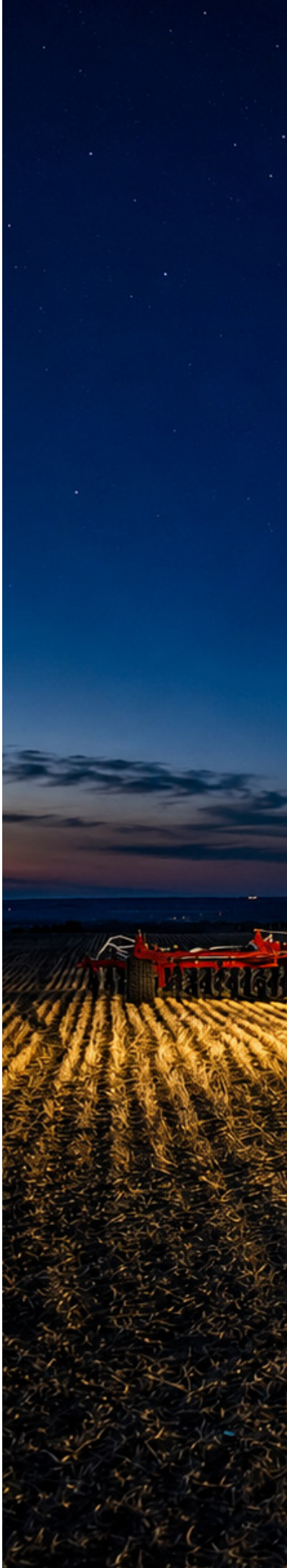
Large tire and rim packages improve flotation and reduce ground pressure to help minimize compaction and keep the cart moving in softer field conditions.



FULL-WORKDAY LIGHTING

The 25,000 lumen lighting system illuminates tanks, walkways, meters, and the drill to improve visibility and simplify nighttime filling, calibration, transport, and operation.





Productivity Never Sleeps.

The 10 Series is designed to keep productivity high through changing field conditions, long operating hours, and high-acre seeding programs. High-capacity airflow, large flotation tire packages, simplified adjustments, and full-machine lighting are built to improve efficiency and reduce frustration throughout the day.



Quality Components. Flawless Experience.

Morris Seeding Systems are built with materials, components, and operator-focused details needed to perform season after season. From corrosion-resistant stainless steel and premium finishes to overbuilt electrical systems and practical convenience features, every major system is designed around durability, reliability, and long-term ownership value.







PREMIUM FINISH

Built to handle fertilizer, seed treatment, weather, and years of field use, the 10 Series uses corrosion-resistant materials and durable finishes where they matter most.



STAINLESS STEEL COMPONENTS

High-grade stainless steel is used throughout key wear and product handling areas, including conveyor sections, metering bodies, collector bodies, primary lines, and quick-access doors.



UV-RESISTANT POWDER COAT

Premium powder coat paint helps protect the cart from weather, corrosion, and daily wear while maintaining long-term appearance and finish quality.



DUST-SEALED ELECTRONICS

The alternator and Topcon control systems are housed in sealed compartments to help protect sensitive electrical components from dust and debris.



IMPROVED STAIRS

The flip-up lower step uses a gas shock assist to improve ergonomics while reducing the chance of damage if left down during operation or transport.

Specifications & Options

		Current Quantum Models					ALL NEW
	Base Size	40' or 12 m	50' or 15 m	60' or 18 m	70' or 21 m	80' or 24 m	100' or 30 m
Weight	10" (250 mm) Spacing	28,289 lb 12,832 kg	32,750 lb 14,855 kg	41,721 lb 18,924 kg	45,182 lb 20,494 kg	66,100 lb 29,982 kg	-
	12" (300 mm) Spacing	26,605 lb 12,068 kg	30,680 lb 13,916 kg	39,115 lb 17,742 kg	42,120 lb 19,105 kg	63,400 lb 28,758 kg	70,000 lb 31,751 kg
	15" (380 mm) Spacing	24,971 lb 11,327 kg	28,570 lb 12,959 kg	36,649 lb 16,624 kg	39,258 lb 17,807 kg	-	-
Working Width	10 (250 mm)	40' (12 m)	50' (15 m)	60' (18 m)	70' (21 m)	80.83' 24 m	-
	12 (300 mm)	40' (12 m)	50' (15 m)	60' (18 m)	70' (21 m)	80.70' 24 m	100'
	15 (380 mm)	40' (12.16 m)	50' (15.2 m)	60' (18.24 m)	70' (21.28 m)	-	-
Number of Shanks	10 (250 mm)	48	60	72	84	97	-
	12 (300 mm)	40	50	60	70	82	100
	15 (380 mm)	32	40	48	56	-	-
Frame Width	Main	14.35' (4.37m)	14.35' (4.37m)	14.35' (4.37m)	14.35' (4.37m)	19.25' (5.87m)	26' (7.92 m)
	Wing Inner	13.60' (4.15m)	13.60' (4.15m)	13.65' (4.16m)	15.65' (4.77m)	13.65' (4.16m)	14' (4.27 m) (2x)
	Wing Outer	-	-	10.15' (3.09m)	13.16' (4.01m)	10.77' (3.28m)	14' (4.27 m) (2x)
	Flip Wing	-	5.03' (1.53m)	-	-	5.98' (1.82m)	9' (2.74 m) (2x)
Transport Position	Width	17' 10" (5.44m)	17' 10" (5.44m)	17' 10" (5.44m)	17' 10" (5.44m)	25'1" (7.65m)	28' 4 (8.64m)
	Height	16' 10 (5.13m)	16' 10 (5.13m)	16' 10 (5.13m)	19' 1 (5.82m)	18' 2 (5.59m)	18' 2 (5.54m)
	Length	33'10" (10.31m)	33'10" (10.31m)	33'10" (10.31m)	33'10" (10.31m)	33'10" (10.31m)	35' (10.67m)
Tires	Main Frame Front Castor Wheels	Single Castor (2) 600/50R22.5	Single Castor (2) 600/50R22.5	Single Castor (2) 600/50R22.5	Single Castor (2) 600/50R22.5	Dual Castor (4) 445/50R22.5	Passive Steer Axle (2) 750/60R30.5
	Main Frame Rear Wheels	Single Axle (2) 600/50R22.5	Single Axle (2) 600/50R22.5	Single Axle (2) 600/50R22.5	Single Axle (2) 600/50R22.5	Single Axle (2) 650/55R26.5	Dual Walking Beam (4) 445/50R22.5
	Wing Frame Front Castor Wheels	Single Castor (2) 600/50R22.5	Single Castor (2) 600/50R22.5	Single Castor (4) 600/50R22.5	Single Castor (4) 600/50R22.5	Single Castor (4) 600/50-22.5	Single Castor (6) 600/50R22.5
	Wing Frame Rear Wheels	(1 per wing) (2) 600/50R22.5	(1 per wing) (2) 600/50R22.5	(1 per wing) (4) 600/50R22.5	(1 per wing) (4) 600/50R22.5	(1 per wing) (4) 600/50-22.5	Single Fixed (6) 445/50R22.5
Opener	Trip Out Force	Maximum 800 lbs (363 kg) at 1200 psi (8274 kPa)					
	Packing Force	100 lbs to 230 lbs (45 kg 104 kg)					
	Packer Wheel	4.50 x 16 Semi Pneumatic 5.50 x 16 Semi Pneumatic Otico tire 5.50 x 16 Semi-Pneumatic 4.00 x 16 V Crown					
Opener to Ground Clearance		12" (30.5 cm)					12" (30.5 cm)
Frame to Ground Clearance		36" (91.4 cm)					36" (91.4 cm)
Frame Depth		84" (213.4 cm) center to center					96
Rank to Rank Spacing		42" (106.7 cm) center to center					48
Number of Ranks		3 Rows 4th Row Optional on 40 ft to 70 ft and is standard on 80 ft.					3 Rows
Shank to Shank Spacing		30" (750 mm) on 10" (250 mm) Spacing 36" (900 mm) on 12" (300 mm) Spacing 45" (1140 mm) on 15" (380 mm) Spacing					36" (900 mm) on 12" (300 mm) Spacing
Weight Kit		Optional					Optional
Lighting		Safety Lights Standard, Tool Bar Light Kit 16K Lumens Standard					
Hitch Clevis		Standard Category 4 Optional Category 5					Standard Category 5
Safety Chain		Standard					Standard

**Specifications are estimates and subject to change.*

	10 Series Models:	660	820	1050	1440
Capacity	Total Capacity	**660 bu** 23,258 litres 9/30/15/46 Split	**820 bu** 28,896 litres 10/31/16/43 Split	**1050 bu** 37,000 litres 8/31/17/44 Split	**1440 bu** 50,744 litres 8/31/16/45 Split
	Tank 1 Meter Range Rate **Low:** 1-50 lb/ac	**60 bu** 2,114 litres \ 74.65 cu ft	**80 bu** 2,819 litres / 99.55 cu ft	**80 bu** 2,819 litres / 99.55 cu ft	**110 bu** 3,876 litres / 136.88 cu ft
	Tank 2 Meter Range Rate **Standard:** 20-300 lb/ac	**200 bu** 7,048 litres / 248.90 cu ft	**250 bu** 8,809 litres / 311.09 cu ft	**330 bu** 11,628 litres / 410.64 cu ft	**450 bu** 15,858 litres / 560.02 cu ft
	Tank 3 Meter Range Rate **Standard:** 20-300 lb/ac	**100 bu** 3,524 litres / 124.45 cu ft	**135 bu** 4,757 litres / 167.99 cu ft	**175 bu** 6,166 litres / 217.75 cu ft	**235 bu** 8,281 litres / 292.44 cu ft
	Tank 4 Meter Range Rate **Standard:** 20-300 lb/ac	**300 bu** 10,572 litres / 373.35 cu ft	**355 bu** 12,509 litres / 441.75 cu ft	**465 bu** 16,386 litres / 578.67 cu ft	**645 bu** 22,729 litres / 802.67 cu ft
Weight	Tow Behind	**40,385 lbs** 18,318 kg	**43,518 lbs** 19,739 kg	**44,130 lbs** 20,017 kg	**54,490 lbs** 24,716 kg
	Tow Between	**34,661 lbs** 15,722 kg	**37,206 lbs** 16,876 kg	**37,769 lbs** 17,132 kg	–
Transport Dimensions	Width*	**21'9"–22'** (6.63–6.71 m)	**21'9"–22'** (6.63–6.71 m)	**22'** (6.71 m)	**22'1"** (6.73 m)
	Height (Rails Up)	**15'8½"** (4.79 m)	**15'8½"** (4.79 m)	**15'8½"** (4.79 m)	**17'9"** (5.41 m)
	Tow Behind Length	**50'** (15.24 m)	**52'1"** (15.88 m)	**52'1"** (15.88 m)	**56'6"** (17.22 m)
	Tow Between Length	**44'** (13.41 m)	**46'1"** (14.05 m)	**46'1"** (14.05 m)	**N/A**
					**Width varies by tire and axle configuration. Length measurements include conveyor.*
Tires	Front Tires	Singles (2) VF710/70R42 CFO **(Tow Behind Only)**	Singles (2) VF900/60R42 CFO **Opt:** Singles (2) VF800/70R38 **(Tow Behind Only)**	Singles (2) VF900/60R42 CFO **(Tow Behind Only)**	Duals (4) VF710/70R42 CFO
	Rear Tires	Duals (4) VF710/70R42 CFO **Opt:** Duals (4) VF900/60R42 CFO	Duals (4) VF900/60R42 CFO	Duals (4) VF900/60R42 CFO	Duals (4) IF850/60R42 CFO
Hydraulic System	Fan	22" (56 cm) Diameter Impeller (5000 RPM Max) 58GPM (220 lpm)			
	Hydraulic Fan Motor(s)	19cc (25GPM max(2)) (95 lpm)			
	AUX Power Unit (APU)	6.3cc (7.5GPM max) (28 lpm)			
	Total Max Hyd. Req.	at 3100 psi (21374 kPa)			
Conveyance	Convey-All Conveyor	35' x 10" Tube x 16" Belt (110 bpm wheat)	35' x 10" Tube x 16" Belt (110 bpm wheat)	35' x 10" Tube x 16" Belt (110 bpm wheat)	40' x 14" Tube x 22" Belt (TBD bpm wheat)
	Hydraulic Requirement	21GPM (Flow Controlled) (80 lpm)	21GPM (Flow Controlled) (80 lpm)	21GPM (Flow Controlled) (80 lpm)	21GPM (Flow Controlled) (80 lpm)
Meter System	Meter Drive	24v Brushless Electric Motors (180 w)	24v Brushless Electric Motors (180 w)	24v Brushless Electric Motors (180 w)	24v Brushless Electric Motors (180 w)
	Primary Air System	10 Run/2.5" Dia Stainless Steel **Opt:** 10 Run/3" Dia Stainless Steel	10 Run/2.5" Dia Stainless Steel **Opt:** 10 Run/3" Dia Stainless Steel	10 Run/2.5" Dia Stainless Steel **Opt:** 10 Run/3" Dia Stainless Steel	10 Run/2.5" Dia Stainless Steel **Opt:** 10 Run/3" Dia Stainless Steel
	Standard Features	Same Side Adjustment of Seed Plates, Tank Shut-Offs, Double Shoot Collectors and Quick Access Doors			
Electrical	24v Brushless Alternator	150A	150A	150A	150A
	24v/12v Equalizer System	24v – 150A 12V – 40A	24v – 150A 12V – 40A	24v – 150A 12V – 40A	24v – 150A 12V – 40A
	Sealed ECU & Battery Modules	Standard	Standard	Standard	Standard
Lighting	Undertank/Intank/ Walkway/Conveyor	12K Lumens	12K Lumens	12K Lumens	12K Lumens
	Tool Bar	16K Lumens	16K Lumens	16K Lumens	16K Lumens
Controls	Display Monitor	Topcon XD+			
	Automated Sectional Control	Fully Adjustable Sectional Timing			
	Variable Rate By Section	Automated Rate Control (Up to 10 Sections)			
	Headland Management	Automatically Lifts & Lowers Quantum Drill on Headlands			
	Weigh Scales	Individual Load Cells on Each Tank			
	Packing Force Control	Maintains Consistent Packing Force on Quantum Drills.			
	Xtend	This App Remotely Connects to the Topcon XD+ Monitor.			
	Implement to Implement Coverage	Shares Maps Between Seeding Systems.			
	Topcon Agricultural Platform (TAP)	Subscription Based Data Management Service that Simplifies Data Transfer Between the Field and the Office.			

MORRIS

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