

PRESIDENT'S MESSAGE



Two words capture SeedMaster's past year: opportunity and growth. The challenges of the last two years did not deter our "Pursuit of Seeding Excellence" as new and exciting developments continued to spring forward. The fact that all drills for spring 2022 were delivered on-time is a source of pride and respect for every staff memeber. The team navigated shortages, shipping delays, price increases, and other Covid hurdles to assure all the drills were delivered on time.

The positive response at the farm and dealer level to the commercial launch of our new Ultra SR (single rank) drill is beyond any new release I have been involved with building on the success of the testing and early release units during the last few years this product is now fully market ready. The uptake rate is so high that orders must be placed nearly a year ahead. Some farmers are buying the Ultra SR as a dedicated canola drill, while others see benefits of the "Fast Uniform Emergence" for all their crop types. The UltraPro II metering that is on the Ultra SR assures near-zero mortality and planter-like singulation. The SR performance at the ground level sets a new standard for No-Till excellence, always yielding crops farmers are proud of. For 30 years I have endeavored to improve residue flow and field finish while maintaining superior "Fast Uniform Emergence". The patented residue wheels on the Ultra SR, are the fruits of those 30 years.

SeedMaster continues to be guided by solid R&D results with more new products on the horizon. SeedMaster's success in introducing new products has inspired 34 new dealers to join us this year alone. These new dealers,

from across Western Canada, USA, and Australia, are now poised to help us facilitate the increased demand while joining us in piloting high quality, innovative products to the market.

We are driven by our values of: **Integrity, Innovation, Precision, and Dependability.** These are at the very core of our business and help us maintain the discipline to meet our Vision of *inspiring farmers to grow with confidence, pride, and curiosity* while delivering our Promise to *maximise your farm's potential for a more profitable future.* These are more than mere aspirational statements; they are the very foundation upon which the company operates.

The new marketing strategy around the term CanolaMaster™ is fitting for SeedMaster. As a farmer 30 years ago, it was canola seeding that inspired my new designs at that time and it is canola that has inspired most seeding improvements since then. Global demands for canola continue to increase, prompting farmers to seek ways to reach their crop's maximum yield potential for this tiny, amazing seed. SeedMaster is uniquely positioned as a true leader in canola production. Put your trust in the CanolaMasters! The UltraPro II and the Ultra SR are two products that you will only find through SeedMaster, and I assure you they will grow you more canola. (period)

In closing the entire SeedMaster team is cheering you on to a successful, safe, and healthy 2022 growing season (and who knows we may meet at a trade show this year).

Happy Seeding!

Norbert Beaujot, P. Eng.

President, Founder, Visionary

CONTENTS **■ MESSAGE** TABLE OF CONTENTS **FROM THE** PRESIDENT 3-6 SINGLE RANK TOOLBAR 7-12 SEEDMASTER TOOLBAR 13-16 ULTRAPRO II ON-FRAME SYSTEM 17-18 24 - FOOT TOOLBAR 19–22 NOVA SERIES
II AIR CART
SYSTEM 23-24 FIELD TECHNOLOGY 27–28 VISION. PROMISE. VALUES. 25-26 DETAILED DIMENSIONS



SINGLE RANK. MULTIPLE BENEFITS.

SeedMaster's revolutionary Ultra SR is the first single rank precision seeding tool on the market. This advanced, fully integrated seeding system combines the best in SeedMaster technology: our proven, dual-knife opener and UltraPro II metering. At 60 feet wide with 750 bushels of total capacity, the Ultra SR increases maneuverability and contours to the land to ensure precise seed and fertilizer placement.

STANDARD FEATURES

- Implement Length: 41'
- Tank Height: 15' 5"
- Rear Tires (under tanks): Dual 710s
- Residue Management System: 40 inch rotating residue wheels for heavy residue clearance
- Two Interchangeable Rollers: (1) Canola/fine & (2) general purpose (for pulse, cereal, canola, inoculant, and fertilizer)
- Distribution System: No manifolds direct metering of product into individual air streams, two fans, separate air systems for seed and fertilizer tanks
- UltraPro II Seed Tank: 240-bushel seed and 60 bu. seed/inoculant/ starter fertilizer
- UltraPro II Fertilizer Tank: 150-bushel fertilizer (or possibly another seed for intercropping practices), 300-bushel fertilizer
- Hydraulic Jack: For quick and effortless tractor hook up
- Metering System: UltraPro II electric drive with turn compensation
- Michel's Roll Tarps: Industry-leading tarps for easy filling (electric tarp option)
- Draft Requirements: 400-450 horsepower requirement with
- Category 5 hitch requirement (lower horsepower requirements compared to your traditional tractor due to number of openers and lower weight)
- Hydraulic Requirements: 45-60 gal/min minimum
- Electrical Requirements: 200 amp alternator required, 240 recommended

OPTIONS

- Light Package
- Michel's Electric Roll Tarps
- Raven Viper 4+

ULTRA SR SINGLE RANK TOOLBAR

CONFIGURATION

	ORKING /IDTH		OW .CING	# OF ROWS	FRAME STYLE	APP TRANS HEI	SPORT	APPI TRANS WID	PORT	# OF ZONES
FT	М	IN	СМ			FT	М	FT	М	
60′	18.29	15"	38.1	48	M-Fold	16'6"	5.03	22'2"	6.76	4



WIDE ROWS - NO PROBLEM!

The SeedMaster Research Farm conducted a five-year, replicated study comparing yields using a SeedMaster Toolbar with both 10- and 15-inch row spacing. Conditions for this study were set as equally as possible, including the day seeding took place, drill speed, in-crop treatments, and the day the field was harvested.

The outcome of these tests showed similar results using both row spacing widths. The 15-inch row spacing yields equal or outperform a tighter row spacing, plus less openers are required, which means lower capital and maintenance costs, lower draft requirements, and additional savings in operational costs.

BENEFITS

- Fewer openers, lower equipment cost
- Reduced fuel consumption
- Less horsepower required
- Improved trash flow
- Reduced soil disturbance due to a lower amount of weed pressure
- ▶ Greater ability to seed between previous crop rows

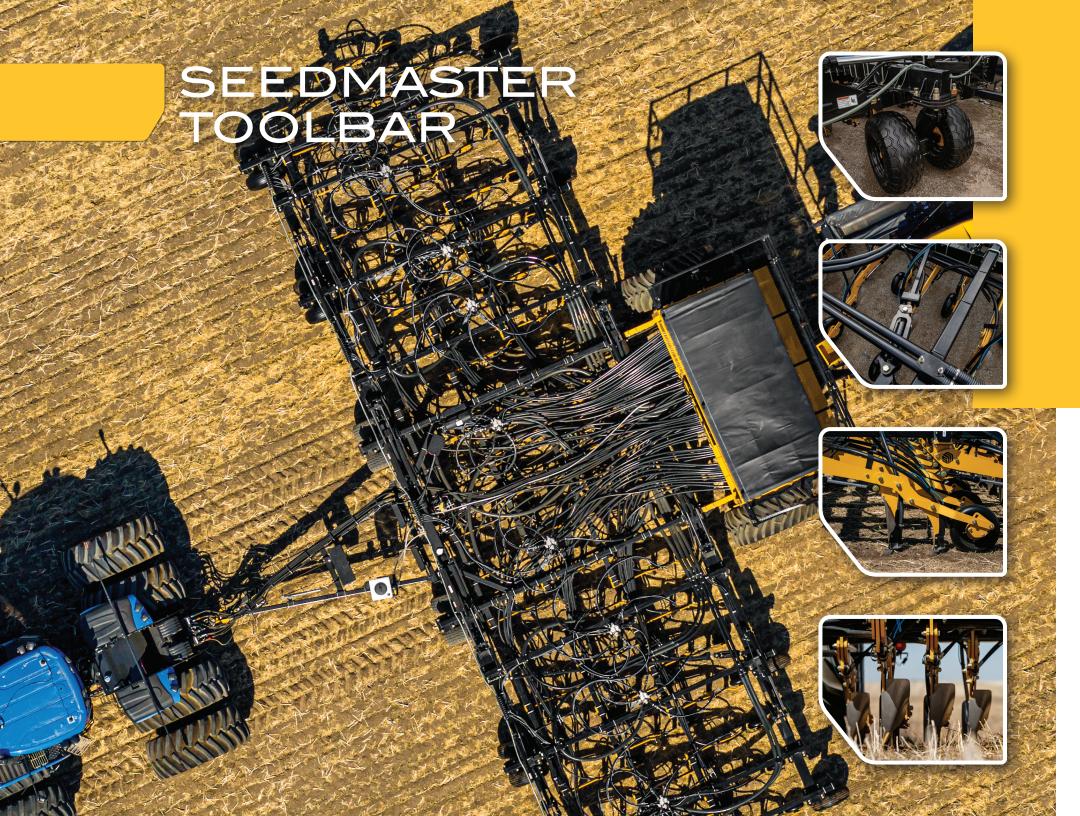


10 IN ROW SPACING

YEAR	GRADE OFFER	TEST WEIGHT (lbs/bu)	PROTEIN (%)	MOISTURE (%)	YIELD (bu/acre)
2013	#2 Red	62.5	13.7	15.6	58.92
2014	#2 Red	61.7	13.6	13.1	55.7
2015	#2 Red	62.9	14.7	13.9	58.93
2016	#2 Red	61.2	14.3	14.9	52.72
2017	#1 Red	60.6	12.3	12.6	65.4
5 YEAF	RAVERAGE	61.78	13.72	14.02	58.33

15 IN ROW SPACING

YEAR	GRADE OFFER	TEST WEIGHT (lbs/bu)	PROTEIN (%)	MOISTURE (%)	YIELD (bu/acre
2013	#2 Red	62.6	14.2	15.5	58.63
2014	#2 Red	61.8	13.6	13.1	54.1
2015	#2 Red	62.8	15	13.9	58.78
2016	#2 Red	61.3	14.1	14.9	53.9
2017	#1 Red	60.6	12.2	12.6	66.6
5 YEAI	R AVERAGE	61.82	13.82	14	58.4



BUILT TO OUTLAST.

The SeedMaster Toolbar delivers long-lasting performance you can trust. Our bolt-together steel frame and the protection of our blast-to-bare metal powder coating makes our toolbars durable and easy to maintain. The SeedMaster Toolbar also comes in second-to-none with its dual-knife opener. Our opener delivers precise seed and fertilizer placement, fast uniform emergence and a field finish like no other.

NOTABLE OPTION: FASTLOC



 Makes changing the opener depth a fast, convenient process that securely locks the opener into place with an interlocking tooth system that cannot wear out like pins.

STANDARD FEATURES

- Smart Openers: Lift and lower openers into the ground with an easy-to-use foot switch while also utilizing our ISO in-cab controller to adjust packing pressure
- Low Maintenance Opener Design: One of the lowest maintenance openers on the market designed with parts that are built to last
- Active Wing Brace: Counteracts opener draft force to distribute frame stress
- Lift Kit: Provides superior flotation when pulling through mud
- Matrix Wing Lock: Partially unfolds each wing for lower transport height, ensuring safe travel under power lines and overpasses
- Residue Deflectors: Reduces residue build-up on knives, ensures optimal product placement, and delivers exquisite field finish
- Blast to Bare Metal Paint Procedure: Flawless powder coat paint adhesion for an anti-corrosive finish that won't crack, chip, or peel
- Equal Length Distribution Kits: 2 1/2-Inch formed piping for equalized distribution
- 5-Year Frame Warranty

OPTIONS

- Tank Configurations: Can be configured to fit all SeedMaster products, including the UltraPro II On-Frame Tank, Nova Series II Air Cart or our Liquid Nova Fertilizer Tank
- High Flotation Rear Axle: Pairs well with the SeedMaster lift kit for flotation in muddy conditions
- Front Walkover Hitch: Quickly access either side of your toolbar

FAST, UNIFORM EMERGENCE.

Ensuring the highest yield potential begins with a seeding system that guarantees healthy and uniform emergence. This active-hydraulic, dual-knife opener delivers precise seed and fertilizer placement to allow each seed to get the perfect amount of nutrients to maximize germination.

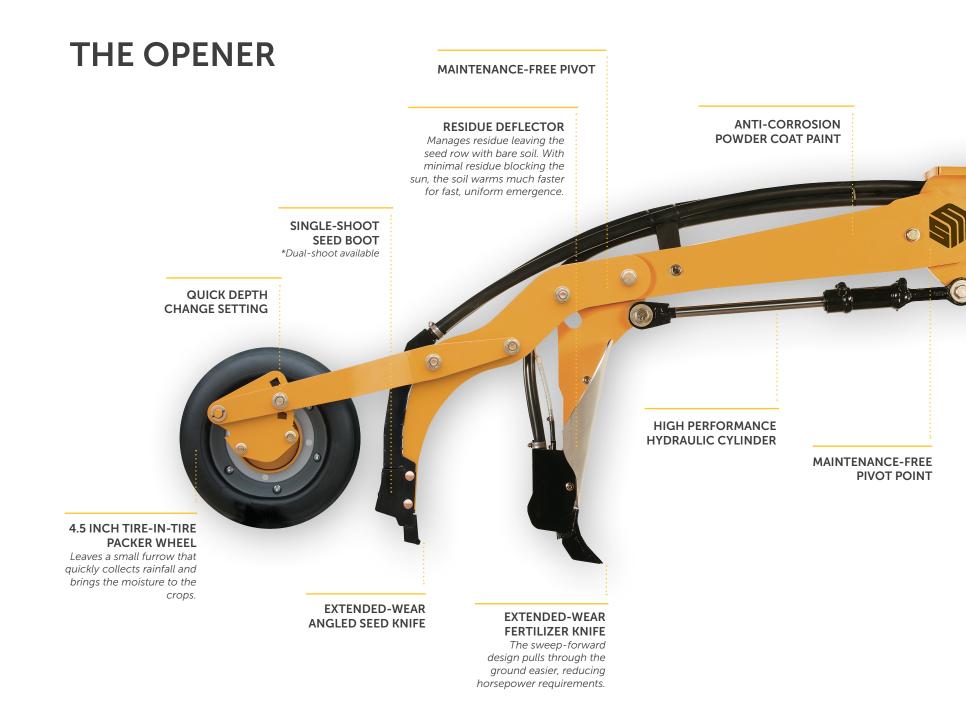
1.5 InchFertilizer to seed lateral separation



1.25 InchFurrow depth

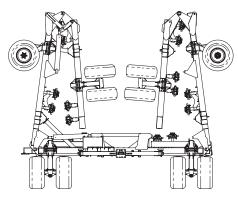
0.75 Inch Seed depth

0.75 InchFertilizer to seed vertical separation

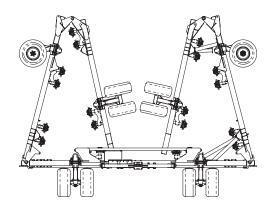


* Depths can be adjusted as needed.

TOOLBAR CONFIGURATIONS







WIDE M-FOLD

	RKING DTH	S	ROW PACING	# OF ROWS	TRANSPORT				APPROX TRANSPORT WIDTH			
FT	М	IN	СМ			FT	М	FT	М			
40′	12.19	10"/12"	25.4/30.48	48/40	Compact M	16'2"	4.93	19'2"	5.84	8		
50′	15.24	10"/12"	25.4/30.48	60/50	Compact M	13'9"	4.29	19′7″	5.94	8/10		
60′	18.29	10"/12"/15"	25.4/30.48/38.1	72/60/48	Compact M	16'	4.88	20'8"	5.99	8/10		
70′	21.35	10"/12"/15"	25.4/30.48/38.1	84/70/56	Compact M	18'2"	5.54	19'10"	5.66	8/10		
80′	24.38	12"/15"	30.48/38.1	80/64	Compact M	20'4"	6.15	21′6″	6.53	8/10		
80′	24.38	12"/15"	30.48/38.1	80/64	Wide M	17'9"	5.54	23'4"	7.72	8/10		
90′	27.43	12"/15"	30.48/38.1	90/72	Wide M	21'	6.4	25′9″	7.85	10		
100′	30.48	15"	38.1	80	Wide M	23'4"	7.11	26'1"	7.92	10		

^{*} Other sizes are available on request. Customization conditions may apply.

CANOLAMASTERTM

SeedMaster is uniquely positioned to help domestic production reach its maximum yield potential using our proprietary seeding solutions that offer the gentlest seed handling, most vigorous Fast Uniform Emergence, all while generating significant seed cost savings up to 40%.

Through the utilization of our innovative UltraPro Il metering and distribution system found both on the on-frame UPII seeding systems as well as the exciting new Ultra SR single rank drill, farmers can give their canola crops the very best chance at reaching its full potential at seeding time. With nearzero seed mortality and planter-like singulation, it's no stretch to say we have unique solutions ideally suited to owning the canola segment of the market.

^{*} For more transportation details, please see page 33.

^{*} Openers are factored in to all specifications.

^{*} Verified by third-party PAMI testing.



STANDARD FEATURES

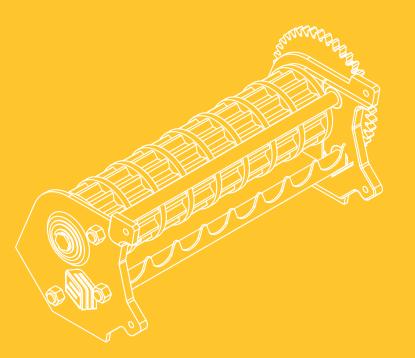
- Accurate Metering: Individual row metering for as low as 3.2%
 CV2 across the width of the drill
- High Capacity Venturi: Venturi size is 33% larger than Gen 1 metering to allow for higher metering capacity, accommodating all seed sizes, high seeding rates and fertilizer application
- Tank Configurations: Multiple tank configurations available
- High-Capacity Individual Distribution Lines: Allows high product rates with uniformity across the drill
- Roller Options: Two interchangeable rollers: (1) for canola/ inoculant/small seeds and (2) general purpose for pulse, cereal and fertilizer
- High Efficiency Fans: Gently moves high volumes of any seed, inoculant, or fertilizer directly to the opener for gentle and efficient distribution
- Variable Rate Ready: Variable rate application available for multiple products
- Overlap Control with Auto Zone Command: Prevents the overapplication of seed and fertilizer
- Real-Time Product Weighing & Calibration: Load cells on each individual tank, along with Applied Product Calibration technology, ensures real-time product weighing and metering accuracy
- ISO Ready

OPTIONS

- Raven Viper 4+: Control and monitor multiple functions on one display
- Bag Lift

INNOVATIVE PRECISION.

The UltraPro II On-Frame Tank System sets itself apart with its unique look and incredible accuracy. Our onframe system decreases input costs by significantly reducing seed mortality rates. This is attributed to the extremely gentle seed handling of our individual row metering and individual row distribution. With the UltraPro II farmers can maximize their profitability and get the most out of each and every seed.



TANK CONFIGURATIONS













ULTRAPRO II ON-FRAME TOOLBAR OPTIONS

* Each tank size is available with the below toolbar configurations.

	ORKING VIDTH	s	ROW PACING	# OF ROWS	FRAME STYLE	APPF TRANS HEIC	PORT	APPI TRANS WID	# OF ZONES	
FT	М	IN	СМ			FT	М	FT	М	
40′	12.19	10"/12"	25.4/30.48	48/40	Compact M	16'2"	4.93	20′4″	6.20	8
50′	15.24	10"/12"	25.4/30.48	60/50	Compact M	15′9″	4.80	20'4"	6.20	8-10
60′	18.29	10"/12"/15"	25.4/30.48/38.1	72/60/48	Compact M	16′	4.88	20′4″	6.20	8-10
70′	21.34	12"/15"	30.48/38.1	70/56	Compact M	18'2"	5.54	20′4″	6.20	8-10
80′	24.38	12"	30.48	80	Compact M	20'2"	6.15	22'5"	6.83	8-10
80′	24.38	12"	30.48	80	Wide M	18'2"	5.54	25'4"	7.72	8-10

^{*} Other sizes are available on request. Customization conditions may apply.

^{*} Configured using 800/65R32 tires.
* For more transportation details, please see page 34.



SIZED FOR MANEUVERABILITY.

The 24 Foot Toolbar with UltraPro II On-Frame Tank is ideal for small acre farms and ranches. In addition to its ability to maneuver through small spaces, this drill brings with it all of the benefits of a standard SeedMaster drill, including precise seed and fertilizer placement, and the uniformity and gentle seed handling of our UltraPro II metering.

STANDARD FEATURES

- Tank Sizes: 100-bushel seed tank, 120-bushel fertilizer tank
- Product Delivery: UltraPro II On-Frame Tank and Metering
- Metering: UltraPro II electric drive with zone control
- Transport Width: Compact width for easy transportation
- Individual distribution lines
- Tractor Requirements: 150 PTO HP minimum
- Hydraulics: 25-30 GPM @ 3000 PSI, 3 SCVs opener raise/lower, wing folding, fan
- Electronics: Drill and metering requires 12V, 50A continuous

CONFIGURATION

	RKING DTH		OW CING	# OF ROWS	FRAME STYLE	APP TRANS HEI	SPORT	APPR TRANSI WID	# OF ZONES	
FT	М	IN	СМ			FT	М	FT	М	
24′	7.32	12"	30.48	24	3-Plex	12'6"	3.81	9'10"	3	2



CAPACITY THAT KEEPS YOU GOING.

The Nova Series II has a gentle, nimble, user-friendly design that increases the precision, longevity, and efficiency of our air cart system. Along with an extensive list of upgraded features and benefits, it works seamlessly with the SeedMaster toolbar, has 10 zones of metering, and offers a wide range of capacity options to stay in the field longer between fills.

NOTABLE UPGRADES:



- Metering: Improved bushings, housings, seals, and stainless-steel bearings
- Zone Command: Redesigned pivot arm that keeps idler gear engaged at all times
- Air Cylinders: Improved piston seal and an additional wiper seal
- Meter Drive: Reinforced with reduction drives to allow for high and low rate applications
- Inspection and Air Stream Plugs: Improved for easier isolated air stream selection
- New Wireless Remote: Now available with high-capacity conveyor option

STANDARD FEATURES

- ISO connectivity and compatibility
- Delivery Fans: High capacity with low oil flow requirements
- Large walkway ladder steps for operator ease and safety
- Rear hitch options for liquid/NH3 ISO product carts
- Remote hydraulic lids close when fans are engaged from the tractor cab
- Overlap Control prevents over-application of seed and fertilizer
- Configured to meter up to 4 products at once ideal cart for varying fertilizer rates and commodities to suit your farm
- Real-Time Product Weighing & Calibration: Load cells on each individual tank, along with Applied Product Calibration technology, ensures real-time product weighing and metering accuracy
- Variable rate ready

OPTIONS

- High-capacity conveyor with slide-out hopper
- Raven Viper 4+ Field Computer control and monitor multiple functions on one display
- Liquid fertilizer tank

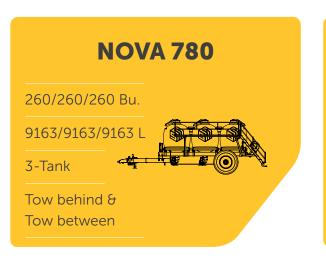
NOVA SERIES II AIR CART

TANK CONFIGURATIONS











NOVA TANK SPECS

* TBH - tow behind & TBT - tow between

FEATURE	520	560	630	780	820
Total bushel capacity (bu / l)	520 / 18,324	520 / 18,324	630 / 22,201	780 / 27,487	820 / 28,896
Dry weight *approx. (lbs / kg)	15,500 / 7,031	17,500 / 7,938	19,400 / 8,800	27,700 / 12,565	29,500 / 13,381
Length with conveyor (ft / m)	35′ / 10.7	36′ / 11	35' / 10.7	42′ / 12.8	43′ / 13.1
Width – dual tires (ft / m) *Widest configuration noted. Narrower options may be available.	21'6" / 6.6	21'6" / 6.6	21'6" / 6.6	21'6" / 6.6	21'6" / 6.6
Width – tracks (ft / m)	21' / 6.4	21' / 6.4	21' / 6.4	21′ / 6.4	21′ / 6.4
# of 260 bushel tanks / # of 9,163 litre tanks	2	2	2	3	3
# of 110 bushel tanks / # of 3,876 litre tanks	N/A	N/A	1	N/A	N/A
# of 40 bushel rear-mount tank / # of 1,410 litre rear-mount tank *For tow-behind models only.	OPTIONAL	1	N/A	OPTIONAL	1
Real-time product weighing technology and in-cab readouts	STANDARD	STANDARD	STANDARD	STANDARD	STANDARD
Auto Zone Command™	STANDARD	STANDARD	STANDARD	STANDARD	STANDARD
Dual cart wheels 710-70R38 on 1030 hubs	OPTIONAL	OPTIONAL	OPTIONAL	STANDARD	STANDARD
Single cart wheels 800-65R32	STANDARD	STANDARD	STANDARD	N/A	N/A
Liquid fertilizer (Change rear 260 bushel tank to 2,000 imp gal)	OPTIONAL	OPTIONAL	OPTIONAL	OPTIONAL (Tow behind only)	OPTIONAL (Tow behind only)
High-capacity, all-hydraulic 16" / 40.64 cm conveyor slide-out hopper	OPTIONAL	OPTIONAL	OPTIONAL	OPTIONAL	OPTIONAL
Configuration*	TBH/TBT	ТВН	TBH/TBT	ТВН/ТВТ	ТВН

1





RAVEN VIPER 4+

The Raven Viper 4+ allows growers to control and monitor multiple functions on one display. This field computer pulls many of SeedMaster's innovative technologies together in one easy to access location.



RAVEN JOB SYNC

Job Sync Live View allows you to see live progress of the work being done in real-time. With two units on the go you can stay up to date on how close a job is to completion and avoid overlaps, duplication and gaps.



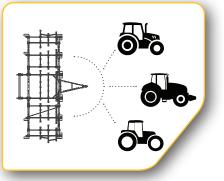
AUTO ZONE COMMAND

This SeedMaster product prevents double application of seed and fertilizer in irregular fields and at headlands. Auto Zone utilizes the Raven Viper4+ field computer, and can save farms between 5-15% in inputs.



APPLIED PRODUCT CALIBRATION

Fine tune your metering system to achieve proper calibration weight that accounts for the ever-changing humidity, inconsistent product, and product density.



ISOBUS READY

Use any ISOBUS field computer to utilize a variety of SeedMaster features, including Smart Openers, Automatic Packing Pressure, Matrix Wing Lock, Applied Product Calibration, and more.



REMOTE TANK MONITOR

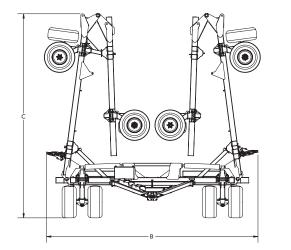
Paired with Raven's RCM, this is a great tool for performing diagnostics. View tank weights, zero out tank weights, calibrate products, and test your Auto Zone Command with the Remote Tank Monitor.

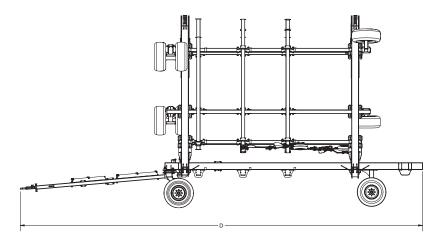


VARIABLE RATE APPLICATION

Allows variable rate control for up to 10 products across three rate control modules, providing increased versatility for the end user.

TOOLBAR DIMENSIONS

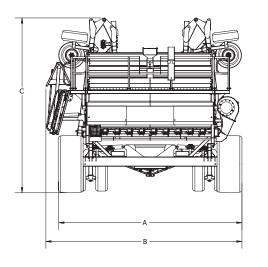


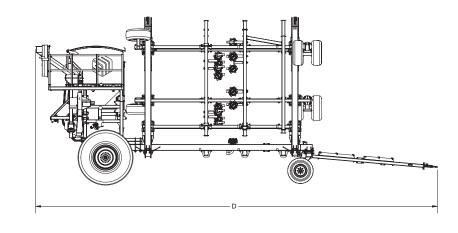


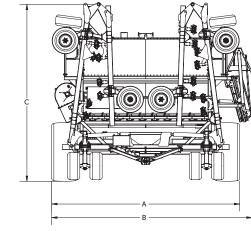
B - MAX WIDTH OF ENTIRE IMPLEMENT

WORKING WIDTH	380/55R16	Size Options: 5.5 750/65R26 1/65R32		(HEIGHT PLEMENT	D - ENTIRI OF IMPL	
FT	FT	М	FT	М	FT	М
40' CT	19'2"	5.84	16′2″	4.93	37'8"	11.48
50' CT	20'2"	6.15	14'1"	4.29	37'8"	11.48
60' CT	20'8"	6.3	16′	4.88	37'8"	11.48
70' CT	19'10"	6.05	18'2"	5.54	37'8"	11.48
80' CT	22′5″	6.83	20′2″	6.15	37'8"	11.48
80' Wide M	25′4″	7.72	18'2"	5.54	37'8"	11.48
90' Wide M	25′9″	7.85	21′	6.4	37′8″	11.48
100' Wide M	26'1"	7.95	23'6"	6.65	37'8"	11.48

ULTRAPRO II ON-FRAME DIMENSIONS







ULTRAPRO Tank Size

WORKING	800/65R32				1050/50R32			7:	710/70R38 Duals			Camso Tracks			HEIGHT		UPII350		UPII360		UPII530/55			
WIDTH	Α		В		А		В			А		В	А	А		В		С	D		D		D	
FT	FT	М	FT	М	FT	М	FT	М	FT	М	FT	М	FT	М	FT	М	FT	М	FT	М	FT	М	FT	М
40' CT	19'1"	5.82	20'4"	6.2	20'11"	6.38	21'3"	6.48	24′7″	7.49	24′7″	7.49	20'9"	6.32	21'2"	6.45	16'2"	4.93	42'2"	12.85	43'6"	13.26	46'6"	14.17
50' CT	19'1"	5.82	20'4"	6.2	20'11"	6.38	21′3″	6.48	24′7″	7.49	24'7"	7.49	20'9"	6.32	21'2"	6.45	15′9″	4.8	42'2"	12.85	43'6"	13.26	46'6"	14.17
60' CT	19'1"	5.82	20'4"	6.2	20'11"	6.38	21′3″	6.48	24'7"	7.49	24'7"	7.49	20'9"	6.32	21'2"	6.45	16′	4.88	42'2"	12.85	43'6"	13.26	46'6"	14.17
70' CT	19'1"	5.82	20'4"	6.2	20′11″	6.38	21′3″	6.48	24'7"	7.49	24'7"	7.49	20'9"	6.32	21'2"	6.45	18'2"	5.54	42'2"	12.85	43'6"	13.26	46'6"	14.17
80' CT	19'1"	5.82	20'4"	6.2	20′11″	6.38	21′3″	6.48	24'7"	7.49	24'7"	7.49	20'9"	6.32	21'2"	6.45	20'2"	6.15	42'2"	12.85	43'6"	13.26	46'6"	14.17
80' Wide M	19'1"	5.82	25'4"	7.72	20'11"	" 6.38	25'4"	7.72	24'7"	7.49	25'4"	7.72	20'9"	6.32	25'4"	7.72	18'2"	5.54	42'2"	12.85	43'6"	13.26	46'6"	14.17

A Max width of ground foot print

B Max width of the entire implement

C Max height of the implement

D Entire length of the implement

25



VISION

Inspiring farmers to grow with confidence, pride, and curiosity.

PROMISE

Maximizing your farm's potential for a more profitable future.

VALUES

INTEGRITY

INNOVATION

PRECISION

DEPENDABILITY





Toll Free: 1.888.721.3001 Phone: 306.721.3001 Fax: 306.721.3002

#1 South Plains Road West Emerald Park, Saskatchewan

Canada S4L 1C6

www.SeedMaster.ca