





## ***A heart for conservation . . .***

The desire to conserve production inputs and help growers be more profitable, along with the mission to improve the quality of lakes, streams and rivers, led Montag Manufacturing to develop the most accurate metering delivery system available for fertilizer, seeds and micro nutrients. In 1985 Roger Montag began working on a method of accurately metering dry fertilizer. In 1988 his technology was granted a patent. In the late 90's, Roger Montag began developing the steerable cart which precisely follows the tracks of any implement. In 2005 a patent was granted, making it the ideal carrier for the metering system. Since then, Montag products for metering crop inputs have become the preferred choice of OEM's and dealers to pair with their application equipment.



## WHAT MONTAG EQUIPMENT OWNERS ARE SAYING



*"Corn ear height is so consistent, I believe it is from accurate placement of P & K. For the last 2400 acres we were within 7 lbs of what we shot for. The accuracy of the Montag system is phenomenal . . . especially beneficial with the high price of fertilizer."* (GEN I owner)

— DARRELL SPRINGER, EDGAR, NE —

*"It seems to be common sense that it's good for the soil, good for the environment and I just want to be a part of that."* (GEN I owner)

— DAVE GERBER, NW IA —



*"I don't think there is going to be any other way to be more accurate than the GEN II. It's a completely different idea, and it works!"* (GEN II owner)

— BRANDON CHRISTIANSEN, NE, NEB —



*"We are 100% No-Till. Our goal is efficiency and being stewards of the land for all of the generations to follow. This equipment really met my expectations. It's not hard to get across 500 acres a day."* (Fortifier owner)

— NICK GUETTERMAN, EAST KS —

## MAXIMUM CARRYING CAPACITY

MODEL	MAX WT CAP	GEN I	GEN II	LIQUID
6 ton cart	14,000 lbs	6 ton + pulling cap. of 1500 gal NH3	2208 + pulling cap. of 1500 gal NH3	1200 gal + pulling cap. of 1500 gal NH3
6 ton metric cart (70 cm)	14,000 lbs	6 ton*	2208*	1200 gal*
12 ton cart	24,000 lbs	9 ton + pulling cap. of 2000 gal NH3	2218 + pulling cap. of 2000 gal NH3	1700 gal + pulling cap. of 2000 gal NH3
12 ton track cart	24,000 lbs	9 ton + pulling cap. of 2000 gal NH3	2218 + pulling cap. of 2000 gal NH3	1700 gal + pulling cap. of 2000 gal NH3

\* Not compatible for pulling NH3





## MONTAG PRODUCTS

### AUTO-STEER CARTS

Montag's high capacity, auto steer fertilizer carts steer themselves to precisely follow in the tracks of any implement, thereby staying off crop rows. Designed for banding granular fertilizer, they can be used in any application in the fall or spring, or to sidedress using liquid or dry fertilizer. The patented steering system allows for tighter turns, less crop damage, controlled traffic patterns and less compaction. Optional drift assist steering allows the operator to adjust the cart tracking on side hills. Models include 6 and 12 ton capacities. CAMSO Tracks are available for the 12 ton units.



## SPECIFICATIONS

# GEN I FERTILIZER SYSTEM

### FEATURES

Tank Size	6 ton (185 ft <sup>3</sup> ) or 9 ton (280 ft <sup>3</sup> ) poly tank
Tank Color	Gray, Yellow and White
High Output Meter	8, 12, 16, 18 and 24 row
Low Rate Augers	Can be added to an existing GEN I to apply half rates.
1 or 2 Section Auger Drive	16 row machines can be factory installed with 2 section drive or components can be purchased and added for 2017 models and newer. *NOT available for 8,12, 18 or 24 row models.
Screen Size	Available in 1/2" or 3/4" screen, constructed completely of stainless steel.
Scales: Digital or ISO	Digital scale kit includes in-cab monitor. ISO scale kit allows the operator to feed input into the tractor console (additional wiring hardware may be required).
Encoders	Integral motor speed sensor included with all Montag metering systems. Raven Encoder is only available as a field install kit.
Light kit	LED safety transport lights
Blockage Sensors	Wireless J. Assy blockage sensor kits available in different tube sizes

### DRY FERTILIZER METER

ROWS	LBS/AC	KG/HA
8-16	100-800	112-897
18-24	100-500	112-560

\* Capacities are based on fertilizer weighing 64 lbs/cu ft and 30" row spacing with standard hose length equipped with the cart. Calculations based on 5 mph.

### HYDRAULIC REQUIREMENTS

ROWS	HYD CAP	HYD PRESSURE	MIN HYD HOSE SIZE		
			Pressure	Return	Case Drain
8 or 12	16 gpm (61 lpm)	2500 psi (172 bar)	1/2"	3/4"	1/2"
16	18 gpm (68 lpm)	2600 psi (179 bar)	3/4"	3/4"	1/2"
18	20 gpm (76 lpm)	2850 psi (197 bar)	3/4"	1"	1/2"
24 (2021)	20 gpm (76 lpm)	2850 psi (197 bar)	3/4"	1"	1/2"
24 (2022+)*	25 gpm (95 lpm)	2850 psi (197 bar)	1"	1"	1/2"

\* 24 row Gen I with Cray fan requires large body high flow motor return port and recommend a .75" SCV valve body and/or teeing together to SCV pressure lines together for optimal performance.



## MONTAG PRODUCTS

### GEN I FERTILIZER SYSTEM

The Montag Generation One (GEN I) metering system is unique to the industry and recognized for its well-tested performance and results. Because of its simple design, long life and unique metering ability, it has become the standard to use for deep banding dry fertilizer. This is a great addition for growers who want to take their farm's conservation program to the next level. Because it aids in placing nutrient inputs directly into the plant root zone, it significantly reduces the amount of product needed to grow a high yield crop. All components that come in direct contact with fertilizer are corrosion resistant, either stainless steel or plastic.



FEATURES	
Tank Sizes	30 ft <sup>3</sup> = 1.11 ton 34.8 ft <sup>3</sup> 50 ft <sup>3</sup> = 1.76 ton 55.1 ft <sup>3</sup>
Tank Color	Gray, Yellow and White
Meter outlets	2-8 row
Sections	Section configurable: 1-4 sections
Screen size	3/4" screen, constructed of stainless steel
Scales: Digital or ISO	Digital scale kit includes in-cab monitor. ISO scale kit allows the operator to feed input into the tractor console (additional wiring hardware may be required).
Slide-gate control	Manual lever control
Blockage Sensors	Wireless J. Assy blockage sensor kits available in different tube sizes

#### DRY FERTILIZER METER

MODELS	RATE CAPACITY	HOSE SIZE
2 to 8 row configurable	25 to 500 lbs/ac @ 5mph*	2"

\* Capacities are based on fertilizer weighing 64 lbs/cu ft and 30" row spacing with standard hose length equipped with the cart.

#### HYDRAULIC REQUIREMENTS

ROWS	HYD CAPACITY	HYD PRESSURE	MIN HYD HOSE SIZE		
			Pressure	Return	Case Drain
All rows	14 gpm (53 lpm)	2000 psi (138 bar)	1/2"	1/2"	1/2"





## MONTAG PRODUCTS

### GEN II 2108

Montag's model 2108 offers a choice of 30 or 50 cu ft product bins and industry leading precision metering of fertilizer or cover crop seed. All parts that contact fertilizer are either stainless steel or poly construction for exceptional corrosion resistance and long life dependable operation. Both the high performance Cray fan and metering operation have low hydraulic requirements. The entire unit has low HP needs. There are up to eight primary row configurations with 1-4 sections configurable. Machine operation is compatible with basic rate controllers and ISO rate controllers such as the Montag ISO controller. Mechanical slide gate control segregates product from the metering augers for cleanout and roading.



FEATURES	
Tank Sizes	30/60 ft <sup>3</sup> = 1.11/2.22 ton 34.8 ft <sup>3</sup> /69.6 ft <sup>3</sup> 50/100 ft <sup>3</sup> = 1.76/3.52 ton 55.1 ft <sup>3</sup> /110 ft <sup>3</sup>
Tank Color	Gray, Yellow and White
Meter outlets	2-8 row
Sections	Section configurable: 1-4 sections
Screen size	3/4" screen, constructed of stainless steel
Scales: Digital or ISO	Digital scale kit includes in-cab monitor. ISO scale kit allows the operator to feed input into the tractor console (additional wiring hardware may be required).
Slide-gate control	Manual lever or hydraulic control
Blockage Sensors	Wireless J. Assy blockage sensor kits available in different tube sizes

## DRY FERTILIZER METER

ROWS	RATE CAPACITY	HOSE SIZE
2 to 8 row configurable	50 to 800 lbs/ac @ 5mph* (total - both tanks) 25 to 500 lbs/ac @ 5mph (per tank)	2"

\* Capacities are based on fertilizer weighing 64 lbs/cu ft and 30" row spacing with standard hose length equipped with the cart.

## HYDRAULIC REQUIREMENTS

ROWS	HYD CAPACITY	HYD PRESSURE	MIN HYD HOSE SIZE		
			Pressure	Return	Case Drain
All rows	14 gpm (53 lpm)	2000 psi (138 bar)	1/2"	1/2"	1/2"



## MONTAG PRODUCTS

### GEN II 2208

Montag's model 2208 is designed for single or dual product application with a choice of 30 or 50 cu ft tanks that are interchangeable and sealed for good product flow. Stainless steel and poly construction provide exceptional corrosion resistance for long life and dependability. All Montag models feature industry-leading, precision metering for fertilizer or cover crop seed. Both the high performance Cray fan and metering operation have low hydraulic requirements. The entire unit has low HP needs. There are up to eight primary row configurations with 1-4 sections configurable. Machine operation is compatible with basic rate controllers and ISO rate controllers such as the Montag ISO controller. Mechanical / hydraulic slide gate control segregates product from the metering augers for cleanout and roading.



FEATURES	
Tank Sizes	155/310 ft <sup>3</sup> = 4.96/9.92 ton
Tank Color	Gray, Yellow and White
Configurable Rows	Rows can be added and subtracted to fit your needs
Tank Color	Gray, Yellow and White
Up to 4 Section Configurations	Sections can be added to the GEN II system at any time for added flexibility. Sections are controlled with hydraulic motors and PWM valves for infield reliability.
Screen Size	Available in 1/2" or 3/4" screen, constructed completely of stainless steel. A full set of (4) 3/4" screens and (2) 1/2" screens.
Rear Deck & Ladder	The rear deck can be configured for the ladder to be mounted for left or right hand entrance.
Light kit	LED safety transport lights
Blockage Sensors	Wireless J. Assy blockage sensor kits available in different tube sizes

## DRY FERTILIZER METER

ROWS	RATE CAPACITY	HOSE SIZE
6 to 18 row configurable	50 to 800 lbs/ac @ 5mph* (total - both tanks) 25 to 500 lbs/ac @ 5mph (per tank)	2"

\* Capacities are based on fertilizer weighing 64 lbs/cu ft and 30" row spacing with standard hose length equipped with the cart.

## HYDRAULIC REQUIREMENTS

ROWS	HYD CAP	HYD PRESSURE	MIN HYD HOSE SIZE		
			Pressure	Return	Case Drain
All rows	20 gpm (76 lpm)	2850 psi (197 bar)	3/4"	1"	1/2"



## MONTAG PRODUCTS

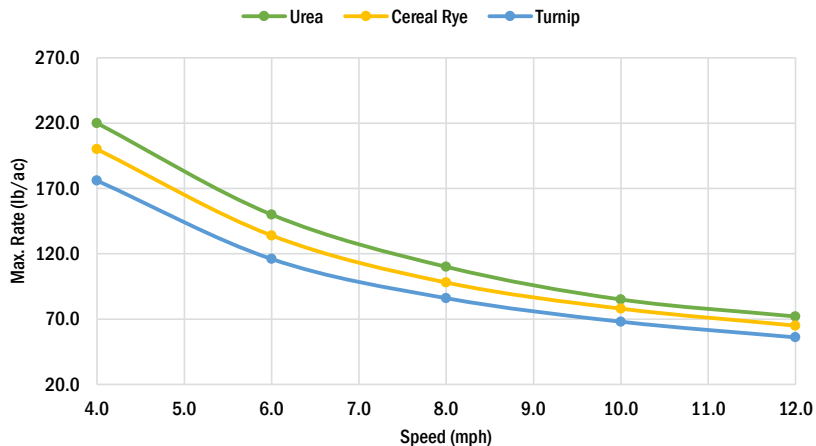
### GEN II 2218

The latest and most versatile of the Montag dry fertilizer metering systems is Generation Two (GEN II). It was developed in response to customer inputs but maintains most of the key features of the Montag GEN I metering system which has made Montag the standard of the dry fertilizer banding industry. With its ability to add rows and configure drives and with even greater metering accuracy, you can now easily invest in a metering platform that can be adapted to your operation as it changes and evolves for years to come. These models are capable of accurately and safely metering fertilizer, micro nutrients and cover crop seed. The controller is user friendly and easy to operate.



**FORTIFIER APPLICATOR**

MODEL 2212

**Maximum Rate by Speed (Total)****FEATURES**

Tank sizes	75/150 ft <sup>3</sup> - Fortifier E1 (2014-2021) 90/180 ft <sup>3</sup> - Fortifier E2 (2022 & newer)
Tank color	Stainless steel
Meter outlets	9-12 row
Sections	Sections 3-4
Screen size	3/4" screen, constructed of stainless steel
Scales	ISO scale kit allows the operator to feed input into the console
Slide-gate control	Hydraulic control through the ISO console
Blockage sensors	Wireless J. Assy blockage sensor kits available in different tube sizes

**NOTE: Kits for STS 10/12 model years 2014-2023 are now available options.**



## MONTAG PRODUCTS

### **FORTIFIER APPLICATOR**

MODEL 2212

Montag entered cover crop market with a proven GEN II platform and a partnership with Hagie Manufacturing. The 120' Hybrid boom has 49 drops to apply cover crop seed or fertilizer between rows. Kits are available for the 90' and 100' booms as well. Booms place the seed or fertilizer under the canopy for more accurate distribution, keeping the product off crop leaves during the application. The Fortifier is equipped with two 75 or 90 cubic foot tanks for a total of 150 or 180 cubic feet capacity. Its design makes it easy to switch between liquid and granular products. Precision accurate metering features a large rate range. Row to row accuracy is unmatched in the industry.





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ADDITIONAL MONTAG PRODUCTS

GEN I 2108 on Rotary Hoe



Deere 2660VT Seeder



Liquid Fertilizer Applicator

