

GEN 1

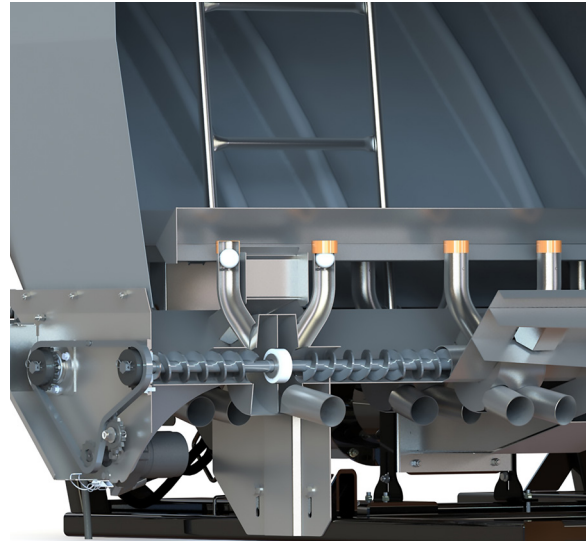
Option	Benefit
Tank Size	Available in 6 or 9 Ton Poly Tank
Tank Color	Available in Gray, Yellow and White.
High Output Meter	High Output Meter: 8, 12, 16, 18 and 24 row
Standard Rate or Low Rate Augers	Low rate augers can be added to an existing GEN 1 giving you the ability to apply half rates.
1 or 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 machines.
Screen Size	Available in ½" or ¾" screen to size product Screens are constructed completely out of stainless steel.
Scales – Available in Digital or ISO	Digital scale kit includes in-cab monitor. ISO scale kit allows the customer to feed the input into the tractor console (additional wiring hardware maybe required).
Encoders	The integral motor speed sensor is included with all Montag metering systems
Light kit	LED safety transport lights
Blockage Sensors	Wireless J. Assy blockage sensor kits available in different tube sizes.
3 year Warranty	High quality, for customer satisfaction and confidence.



GEN 1

GEN 1 MAXIMUM RATE BY SPEED (30" ROW)					
GEN 1 HO METER (MY 2022+)					
UREA (46 LB/FT3)		MAP (64 LB/FT3)		POTASH (70 LB/FT3)	
SPEED	MAX RATE	SPEED	MAX RATE	SPEED	MAX RATE
10	290	10	400	10	440
8	360	8	500	8	545
6	480	6	665	6	725
4	720	4	1000	4	1095

GEN 1 MINIMUM RATE BY SPEED (30" ROW)					
UREA (46 LB/FT3)		MAP (64 LB/FT3)		POTASH (70 LB/FT3)	
SPEED	MAX RATE	SPEED	MAX RATE	SPEED	MAX RATE
10	18	10	25	10	27
8	23	8	32	8	35
6	30	6	42	6	46
4	45	4	63	4	69



GEN 1 HYD REQUIREMENTS						
Model	Rows	Hydraulic Capacity	Hydraulic Pressure	Minimum Hyd Hose Size		
				Pressure	Return	Case Drain
GEN 1	8 or 12	16 gpm (61 lpm)	2500 psi (172 bar)	½ inch	¾ inch	½ inch
GEN 1	16	18 gpm (68 lpm)	2600 psi (179 bar)	¾ inch	¾ inch	½ inch
GEN 1	18	20 gpm (76 lpm)	2850 psi (197 bar)	¾ inch	1 inch	½ inch
GEN 1 (2022+)*	24	25 gpm (95 lpm)	2850 psi (197 bar)	1 inch*	1 inch*	½ inch

* 24 Row GEN 1 w/ Cray fan (MY2022) requires a large body high flow motor return port and we recommend a 3/4" SCV valve body with 3/4" high flow coupler and/or teeing together two SCV pressure lines for optimal performance.

Row Configurations: 8, 12, 16, 18 & 24 rows
2 Section Option for 16 row meters only

Product Capacity:

6 Ton: 185 ft³ [5,239 L] / 5.92 ton [5,371 kg]*

9 Ton: 280 ft³ [7,929 L] / 8.96 ton [8,128 kg]*

Rate Capacity: See Rate Chart

Weight†:

6 Ton: 1,800 lb [817 kg]

9 Ton: 2,200 lb [998 kg]

Overall Height:

6 Ton: 85.4 in [216.9 cm]

9 Ton: 108.8 in [276.4 cm]

Overall Length:

6 Ton: 107.9 in [274.1 cm]

9 Ton: 126.9 in [322.3 cm]

Overall Width:

6 Ton: 102.8 in [261.1cm]

9 Ton: 103.3 in [262.4 cm]

Product Fill Height:

6 Ton: 77.8 in [197.6 cm]

9 Ton: 101.2 in [257.0 cm]

Product Fill Inlet Size: 7.56 ft² [0.70 m²]

Product Outlet Hose Size: H.O. 2.50 in [6.35 cm]

Req. Hydraulic Capacity: 16-25 gpm [61-95

Lpm]

Req. Hydraulic Press.: 2,500-2,850 psi [172-197 bar]

*Calculated using 64 lb/ft³ product density [1.025 kg/L]

†Calculated using 64 lb/ft³ product density, 30 in row spacing, and 5 mph [1.025 kg/L, 76 cm row spacing, and 8 km/h], see rate chart for more information

‡Unloaded, dry weight (approximated)

§ Excludes platform and mounting kit