



*Montag's highly efficient meter allows both high capacity and low hp requirements (1 to 1-1/2 hydraulic hp per row).*

### **THE GEN 1 CAN FIT MANY ROW CROP APPLICATIONS**

The metering system comes in several rows with two different outputs. This metering system has the option of standard or high output to better fit your fertilizer needs (see chart on back page). Available in 8, 12, 16, 18 or 24 rows

### **READILY ADAPTABLE TO VRT**

THE METERING AUGER is hydraulically driven providing for easy adaptation to variable rate (VRT) control. The system uses PWM closed position control protocol for ready use by many controllers on the market. With either a dry rate controller or adaptive harness, the system can also be controlled with John Deere, Trimble, Raven, Ag Leader and TOPCON.

### **LONG LIFE**

Built to last because everything that comes in direct contact with the fertilizer is either rubber, plastic or 300 series stainless steel. If adequate care is used, these systems will last for decades. To this point many of the units built more than 20 years ago are still working well today.

### **UNEXCELLED ACCURACY**

The GEN 1 operates by splitting air first then metering in the fertilizer. Since each of the rows is individually metered by a metering auger, the Montag GEN 1 obtains a high row to row accuracy which is unexcelled in the industry.





# DESIGNED WITH PRECISION IN MIND

## HYDRAULIC REQUIREMENTS

| Model | Rows     | Hydraulic Capacity | Hydraulic Pressure | Minimum Hydraulic Hose Size |        |            |
|-------|----------|--------------------|--------------------|-----------------------------|--------|------------|
|       |          |                    |                    | Pressure                    | Return | Case Drain |
| GEN I | 8 or 12  | 16 gpm (61 lpm)    | 2500 psi (172 bar) | ½ inch                      | ¾ inch | ½ inch     |
| GEN I | 16       | 18 gpm (68 lpm)    | 2600 psi (179 bar) | ¾ inch                      | ¾ inch | ½ inch     |
| GEN I | 18 or 24 | 20 gpm (76 lpm)    | 2850 psi (197 bar) | ¾ inch                      | 1 inch | ½ inch     |

The GEN I System only requires one hydraulic valve to operate both the fan and metering drive.

## RATE CHART

| Model   | Maximum Rated Capacity            | Minimum Rated Capacity            | Hose Size |
|---|-----------------------------------|-----------------------------------|-----------|
| <b>Standard Meter</b>                         |                                   |                                   |           |
| 8 Row Standard                                | 500 lbs. /Acre @ 5 mph*           | 50 lbs. / Acre @ 5 mph*           | 2 inch    |
| 12 Row Standard                               | 500 lbs. /Acre @ 5 mph*           | 50 lbs. / Acre @ 5 mph*           | 2 inch    |
| 16 Row Standard                               | 500 lbs. /Acre @ 5 mph*           | 50 lbs. / Acre @ 5 mph*           | 2 inch    |
| 18 Row Standard                               | 400 lbs. /Acre @ 5 mph*           | 50 lbs. / Acre @ 5 mph*           | 2 inch    |
| <b>High Output Meter</b>                      |                                   |                                   |           |
| 8 Row High Output                             | 800 lbs. /Acre @ 5 mph*           | 100 lbs. /Acre @ 5 mph*           | 2 ½ inch  |
| 12 Row High Output                            | 800 lbs. /Acre @ 5 mph*           | 100 lbs. /Acre @ 5 mph*           | 2 ½ inch  |
| 16 Row High Output                            | 800 lbs. /Acre @ 5 mph*           | 100 lbs. /Acre @ 5 mph*           | 2 ½ inch  |
| 18 Row High Output                            | 500 lbs. /Acre @ 5 mph*           | 100 lbs. /Acre @ 5 mph*           | 2 ½ inch  |
| 24 Row High Output                            | 500 lbs. /Acre @ 5 mph*           | 100 lbs. /Acre @ 5 mph*           | 2 ½ inch  |
| <b>High Output Meter with Low Rate Augers</b> |                                   |                                   |           |
| 8 Row Low Rate Auger                          | 500 lbs. /Acre @ 5 mph*           | 50 lbs. / Acre @ 5 mph*           | 2 ½ inch  |
| 12 Row Low Rate Auger                         | 500 lbs. /Acre @ 5 mph*           | 50 lbs. / Acre @ 5 mph*           | 2 ½ inch  |
| 16 Row Low Rate Auger                         | 500 lbs. /Acre @ 5 mph*           | 50 lbs. / Acre @ 5 mph*           | 2 ½ inch  |
| 18 Row Low Rate Auger                         | 500 lbs. /Acre @ 5 mph*           | 50 lbs. / Acre @ 5 mph*           | 2 ½ inch  |
| 24 Row Low Rate Auger                         | 500 lbs. /Acre @ 5 mph*           | 50 lbs. / Acre @ 5 mph*           | 2 ½ inch  |
| <b>Twin Bin Meter</b>                         |                                   |                                   |           |
| 8 Row Twin-Bin                                | 300 lbs. /Acre @ 5 mph. ea. Tank* | 100 lbs. /Acre @ 5 mph. ea. Tank* | 2 ½ inch  |
| 12 Row Twin-Bin                               | 300 lbs. /Acre @ 5 mph. ea. Tank* | 100 lbs. /Acre @ 5 mph. ea. Tank* | 2 ½ inch  |

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

THE GEN I SYSTEM  
COMES IN THREE  
COLOR OPTIONS  
GRAY ~ YELLOW & WHITE

