



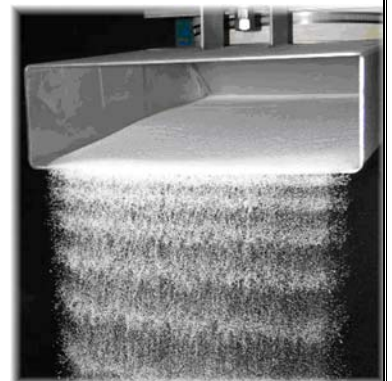
Batching Feeders & Systems



Accurate

Simplistic

Dependable





The Anatomy of a Properly Designed Mass Flow Feeder

Load Cells
3-point Design or
Mass
Counterbalanced

All SS Construction
For superior flow
characteristics

MassMate™ Mass Flow Hopper
No agitation required.
Mass flow design means –
No Moving Parts!

FeedTray Isolation
The flexible sleeve isolates the
FeedTray from the hopper.
This allows for feedtray
movement and proper cross
sectional shear

One Moving Part
The drive is the only
“moving” part and
comes with a 3
year warranty

GeoTray™ FeedTray
One-piece weldment.
No bearings, No bushings, No seals,
No screws, No moving parts.
Simplistic by Design

Outlet
Sized as required

Geo-Mate™ Mass Flow Feeder



THE SIMPLICITY OF MASS FLOW FEEDING

The Geo-Tray™ is ideally suited for batching applications due to the feeders consistent output and its *ability to stop instantly*. The drive operates at **1,200-3,600 cycles/minute** providing a very uniform feed, second by second. Therefore the amount in free fall, which is compensated with the preact, is always very consistent, leading to a higher degree of accuracy than a screw which "plops" material while turning at 10-20 rpms.



Fast Mode of Feeding

This generally operates near 100% output or 3,600 cycles/minute.



Dribble Mode of Feeding

With the ability to control grains or individual pellets, final batch accuracy is always better than other feeding devices.



Instant Off

Product flow stops instantly when the drive is disengaged. There is no "wind down" time and no "plopping" which negatively affects final batch accuracy.

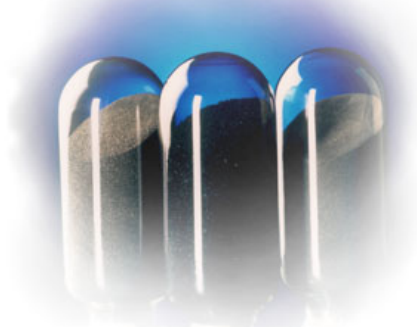



GeoMate™ Feeder Specifications

GeoTray™	Max Flow Rate	HP	Voltage	Startup Current
4"	8 CFH	.10	110/1	.4
6"	18 CFH	.17	230/460/3	1.8/.9
12"	68 CFH	.17	230/460/3	1.8/.9
18"	134 CFH	.52	230/460/3	7.2/3.6
24"	273 CFH	.52	230/460/3	7.2/3.6


The above theoretical flow rates are based upon Class II fine powders, like flour and starch. Significantly higher rates are obtained with heavier, granular or pellet materials.

Testing Facility



 maintains a testing facility in Charlotte, NC for your use. Allow us to demonstrate the most accurate batching feeder available. Please contact us to take advantage of our no obligation testing.

Warranty

 provides an unsurpassed industry warranty on each approved GeoMate™ installation. 3-year warranty covering the MassMate™ Hopper, GeoTray™ and Eccentric Drive.



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