

# AAE

# MOVACOLOR GRAVIMETRIC FEEDERS

**MOVACOLOR**  
COLOR IN CONTROL

## Fully automated additive feeders



### Accurate additive feeding

Change colors in less than one minute!

- Accurate loss in weight system
- Stepper motor
- Automatic speed control
- Digital timer or relay mode
- Many dosing tools, screws & cylinders
- Heavy duty design

Easy to clean

Easy to install

**Amazing Quality!**

# AAE

# MOVACOLOR GRAVIMETRIC FEEDERS



## Features others cannot match.

Clamped on lid

Stainless steel hopper.  
6 pounds standard,  
12 pounds optional

Standard sight-glass

Stepper motor for  
total control.

Special deflector for consistent  
color feeding. Color enters  
near throat opening for quick  
color changes.

Patented support frame with  
single weigh cell.

2 and 3 inch feed throats.  
Heavy duty construction

Quick disconnect for easy cleaning.  
Slide-gate to empty hopper quickly.



## Amazing Quality!

# AAE

# MOVACOLOR GRAVIMETRIC FEEDERS



## MCBalance Digital Feeder Control



**Just enter the shot size and percentage of additive.** Visible LED display in plain English. A simple navigation menu for access to all of your options and parameters.

- Enter shot size
- Enter additive percentage
- Relay or time mode
- 24VDC or open relay interface
- Load cell calibration
- Recipes / Jobs
- Low level alarm output
- Venturi loader control
- USB Port

**Amazing Quality!**

# AAE

# MOVACOLOR GRAVIMETRIC FEEDERS



## Color Touch Control



Full color graphic touch control. All the standard control features and more!

User friendly graphic interface.

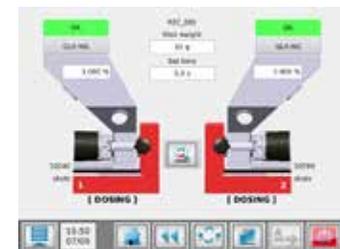
Control several feeders from one control.

Free MC Smart software for one feeder.

MC Smart computer interface with control and data reports.



Display and control multiple feeders from one control.



Monitor and control from any PC with MCSmart software.

# Amazing Quality!

## Screws and dosing cylinders to match any application.

**Matching the dosing tool to the application is the key to accurate feeding.**

The accuracy of a feeder is determined by the resolution of the dosing tool. Resolution is the smallest amount a dosing tool can consistently control. Screws have a resolution of one rotation. Dosing cylinders feed consistently without pulses and can be controlled to less than a revolution. Always use the smallest doser that will feed the amount needed for the best accuracy.

Dosing cylinders provide a constant feed rate providing the most accurate control. They feature an internal spiral inside a rotating tube. Use them when accuracy is very important. As with all spiral dosers they are subject to materials that create static and blow back from compressed air loaders and vacuum loaders with filter cleaning.

Dosing screws are very accurate, suitable for most applications. They are not subject to static and withstand blow back from compressed air loaders and vacuum loaders with filter cleaning.

### Calculate Grams per Second

Shot size \* Percentage of additive

100\*.05=5 grams for 5% of a 100 gram shot.

Divide grams of additive by fill time seconds

5/6=.83 grams per second



Doser	Type	Rate GPS
GLX	Cylinder	.02-1.6
GX	Cylinder	.2-5
HX	Cylinder	.01-1.6
A-8	Screw	.002-1
A-10D	Screw	.05-3.3
A-15	Screw	.2-5
A-20	Screw	.5-20
A-30	Screw	2-50

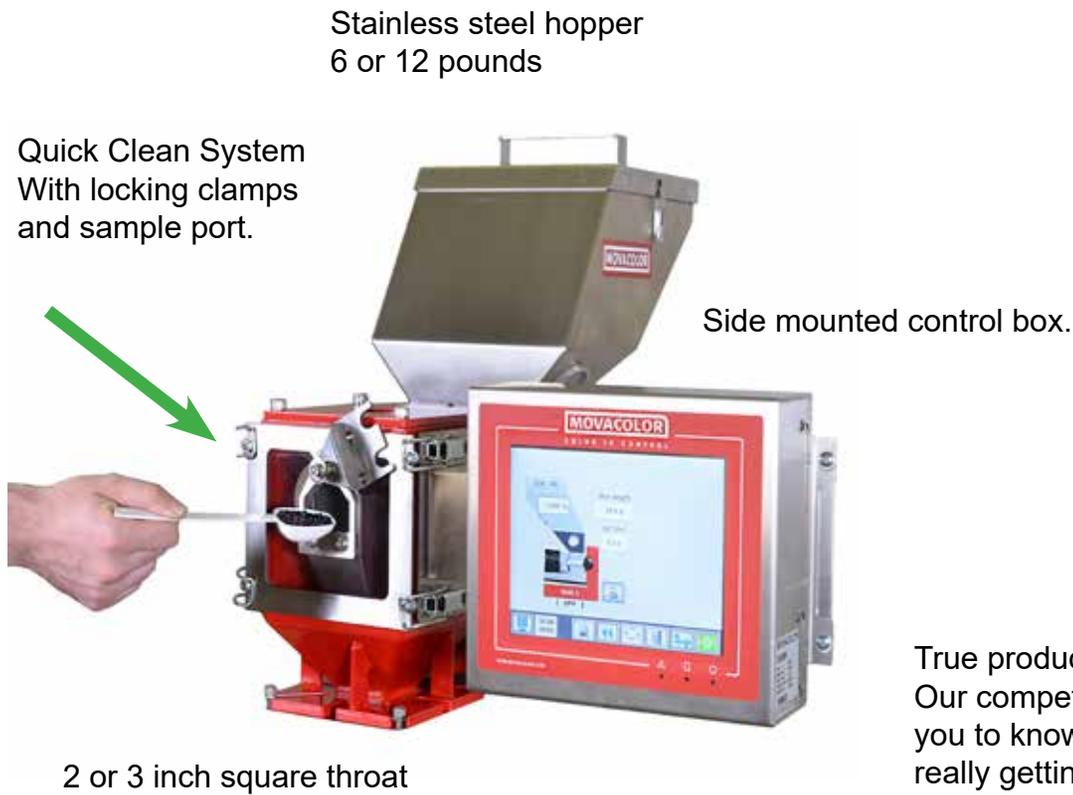
**Amazing Quality!**

**AAE**

# MOVACOLOR GRAVIMETRIC FEEDERS



**Options other cannot match.**



True production sample port.  
Our competitors don't want  
you to know what you are  
really getting!



**Venturi Loader**  
8 Port Venturi  
Over-sized filter  
Simple control  
Optional No-Load Alarm

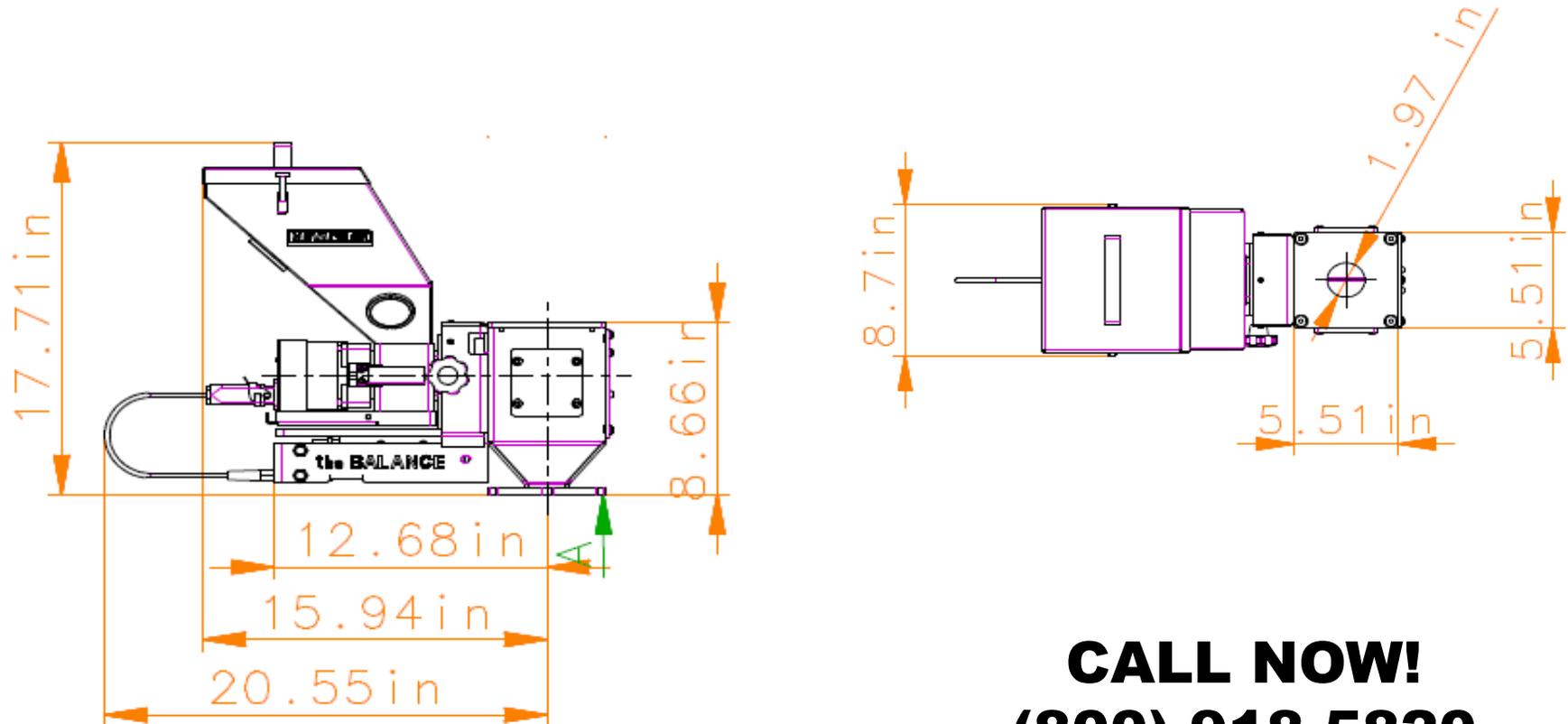
**Amazing Quality!**

# AAE

# MOVACOLOR GRAVIMETRIC FEEDERS



Dimensions to fit any machine.



**CALL NOW!**  
**(800) 918-5820**

[Dryers-Loaders-Blenders.com](http://Dryers-Loaders-Blenders.com)

# AAE

ADVANCED AUXILIARY EQUIPMENT, INC.  
P.O. BOX 568  
MATHEWS, VA 23109