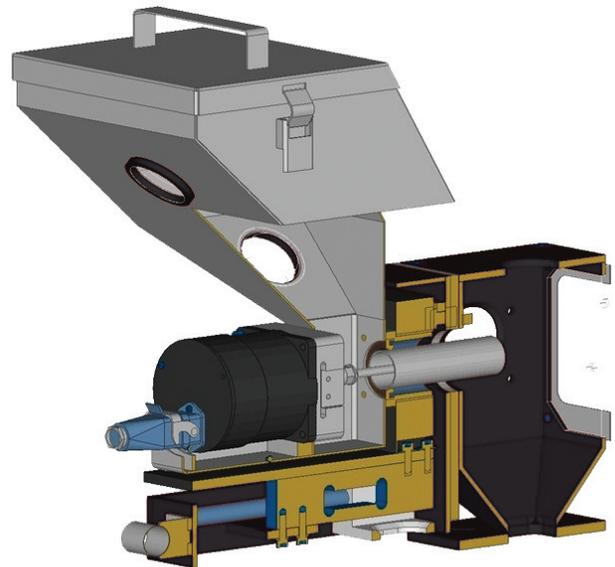


TrueFeed™ Gravimetric Feeders are Better! Here's Why.

- 1. Unbeatable Dispensing Accuracy Eliminates Need to Over-Feed.** With TrueFeed gravimetric feeders, you don't need to over-feed in order to ensure enough color or additive is dispensed. A patented rotating dispensing cylinder (not a conventional metering auger) dispenses with exceptional accuracy, even at rates as low as 0.02 gm/sec (0.0007 oz). It eliminates "pulsing" that can cause the amount of material dispensed to vary as much as $\pm 20\%$ of setpoint.
- 2. More Precise Weighing Accounts for Every Pellet.** TrueFeed gravimetric feeders weigh the entire hopper and metering tube assembly – not just the hopper – to determine the loss-in-weight. This means that the weighing accuracy and the control response of the TrueFeed is second to none.
- 3. Accurate at Any Speed.** The stepper motor, which drives the metering tube of the TrueFeed feeder is vastly superior to the standard DC motors you find in other feeders. The stepper motor offers highly accurate speed control from 0.1 rpm all the way up to 200 rpm.
- 4. Welded Steel Construction for Stability.** With the TrueFeed gravimetric feeder you get a welded steel body and a stainless steel hopper, which creates a more stable platform for better weight readings and improved performance.
- 5. One Load Cell is Better than Two.** The TrueFeed gravimetric feeder has a single, highly sensitive load cell that takes the critical loss-in-weight readings. Other feeders that have two load cells and a less rigid structure, can't match the accurate readings of the TrueFeed.
- 6. Time-Tested Control Algorithm.** The self-adjusting controller on the TrueFeed gravimetric feeder measures with extreme accuracy, even on small shot weights and in high-vibration environments. Unlike systems based on batch weighing, the control algorithm of the TrueFeed has been refined over many years of gravimetric inline feeding.
- 7. Store Recipes for Multiple Feeders on Your Network.** The TrueFeed gravimetric feeder is the only one that can be connected by a freely available LAN software system, which allows you to monitor and store all feeding set-up details of up to 20 TrueFeed units on a network computer.
- 8. Have it Your Way.** The TrueFeed gravimetric feeder can be configured according to your requirements, even with multiple feeders on a single neckpiece and with a wide variety of hopper-loader systems and auxiliaries. Other systems are only delivered in one configuration.
- 9. It Can Take the Heat.** Only the TrueFeed gravimetric feeder can be ordered in a special high-temperature configuration so it can handle dried materials (like PET) at a high temperature.



TrueFeed: Hopper and dispensing tool are completely weighed on one load cell. Welded frame and stainless-steel hopper. Stepper motor drive and dispensing cylinder.



TrueFeed™ color and additive feeders use gravimetric (loss-in-weight) metering technology to improve accuracy, while making the units simpler to operate. You simply set the additive percentage, enter part weight and cycle time, and press start. Unlike volumetric feeders, the new Conair gravimetric feeders are self-calibrating, adjusting automatically for changes in material type, bulk density or pellet geometry. The result is a feeder that is easier to set-up and allows greater processing up-time for increased productivity.

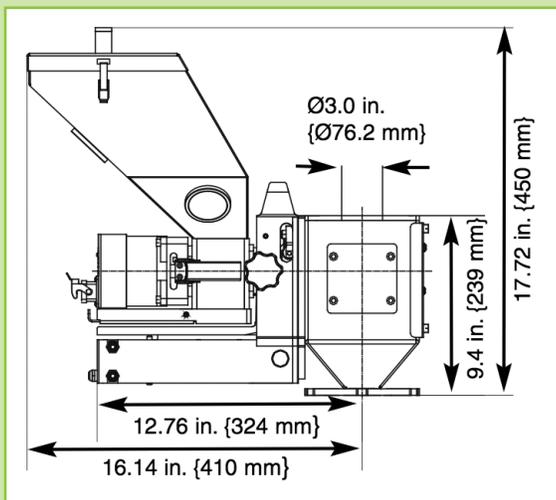
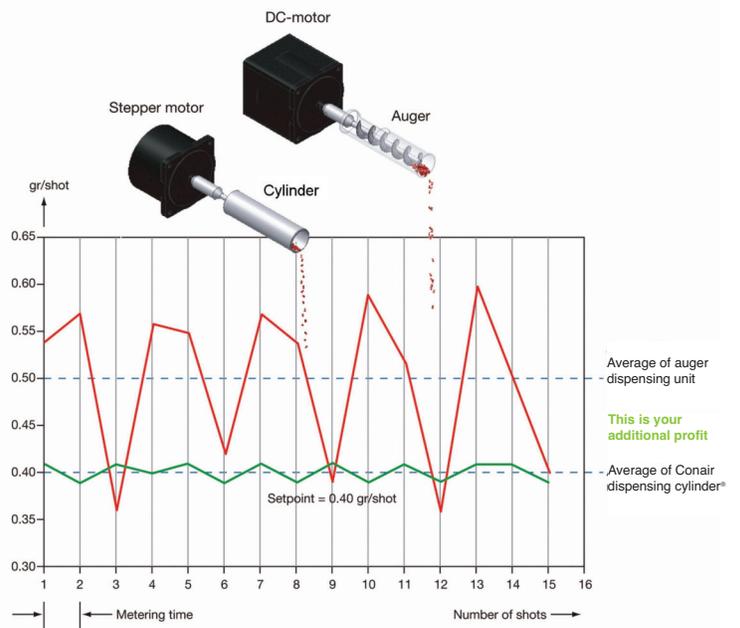
Get Real Control Over Your Expensive Colorants and Additives

The Conair TrueFeed dispensing cylinder gives you unbeatable control over the feeding process. The consistent feeding of this unit allows the actual setpoint to be lowered, ensuring a substantially faster return on your investment.

The graph compares the performance of the TrueFeed dispensing cylinder to an auger. An old-style auger dispensing device will give an irregular output because of the pulsations created by the auger. This, in turn, causes colorant to be dispensed irregularly so you need to overfeed to make sure enough color is fed at every time. The TrueFeed dispensing cylinder works in combination with a stepper motor that ensures exact controllable cylinder speed – and more consistent metering with every turn. So you can lower your setpoint and save!

Key Features

- Basic unit feeds 0.01g/sec (0.05 kg/hr) to 35g/sec (126 kg/hr).
- Continuous digital weighing ensures accuracy
- Memory for up to 1500 job set-ups.
- Integral compressed-air loader available
- Communications capable



Side View - TF01AA

Shown with standard hand-fill lid

Dimensions inches {mm} See drawing for all dimensions except depth
 Depth 8.32 in. {211 mm}

Weight lbs {kg}

Standard feeder installed (empty)	49 lbs. {22 kg}
Shipping (approximate)	55 lbs. {25 kg}

Voltage total amps

120 V/1 phase/60 Hz	0.75
220 V/1 phase/50 Hz	0.38

