

# GRAVIBELT

## SAVE BIG ON COLOR AND ADDITIVES!



### DESCRIPTION:

The GRAVIBELT is a single gravimetric belt feeder. The unit accurately feeds free flowing color and additives at the throat of extrusion, blow molding and injection molding machines. The system incorporates a special algorithm that filters out vibrations and movement from mold clamping making it suitable for use on injection molding machines. The Gravibelt offers a 1:1500 dynamical feed range. With a feed rate from 1 oz to 110 lbs/hr for pellets and 0.5 oz to 30 lbs/hr for micro pellets. Isolated 10/100 Ethernet makes it possible to record production information. Integrated venturi loader is included with the system.

### Easy Setup:

- **Injection molding** - Just enter the shot size and the percentage of additive you want to add. Start the feeder and it will automatically adjust itself to the machine cycle..
- **Extrusion** - Enter the max output of your production machine and the % of additive you want to add. The feeder will automatically follow your extruder speed and adjust accordingly.

### Easiest startup in the industry:

Just let the built-in hopper loader fill the hopper, start the feeder and you are producing.

### FEATURES:

- Rigid mechanical structure
- Automatic material parameter tuning
- Easy and fast material changes
- 0.1g weighing resolution
- Loss-in-weight
- Materials Accounting
- Special algorithms for Injection Molding
- Integrated loading system for pellets and micro granules
- Wide dynamic feed range under one setup 1:1500
- Exceptional linearity.
- 10/100 Ethernet
- Typical feed rate 0.16 - 66 Lbs/Hour

### Capacity range with Granules\*:

- Extrusion 1.5 oz/h – 110 Lbs/hr
- Injection 0.01 gr/sec – 17 gr/sec

### Capacity range with Micro Granules\*:

- Extrusion 1 oz/h – 22 Lbs/hr
- Injection 0.006 gr/sec – 2.8 gr/sec.

\* Depending on the material's properties

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