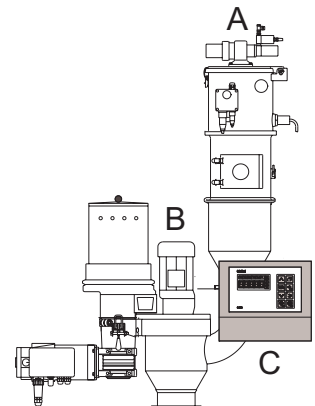


Typical design of a disc dosing system.

- A Conveying unit
- B Dosing unit
- C Dosing control

Component B is described below.



Brief Description

Colortronic's Colorblend A is a disc dosing system for plastic pellets, free flowing/non-free flowing additives and regrinds. The typical applications are injection molding, blow molding and extrusion.

With Colorblend A dosing and blending units the main component of the raw material flows directly into the mixing hopper and the additives are dosed proportionately according to the shot weight.

Our design makes material changeover almost effortless. Simply lift two quick disconnects and lift off the additive station. By the use of a spare station, changeover is immediate. If you elect not to purchase a spare station, clean up and material changeover occurs off the machine in minutes, reducing downtime and risk of injury. Additive may also be automatically loaded by the use of one of Colortronic's hopper loaders.

- Colortronic dosing systems are easy to maintain and designed for a 7 day, 24 hour operation.
- Colortronic dosing systems meet European "CE" requirements.



Technical Information

Basic Version

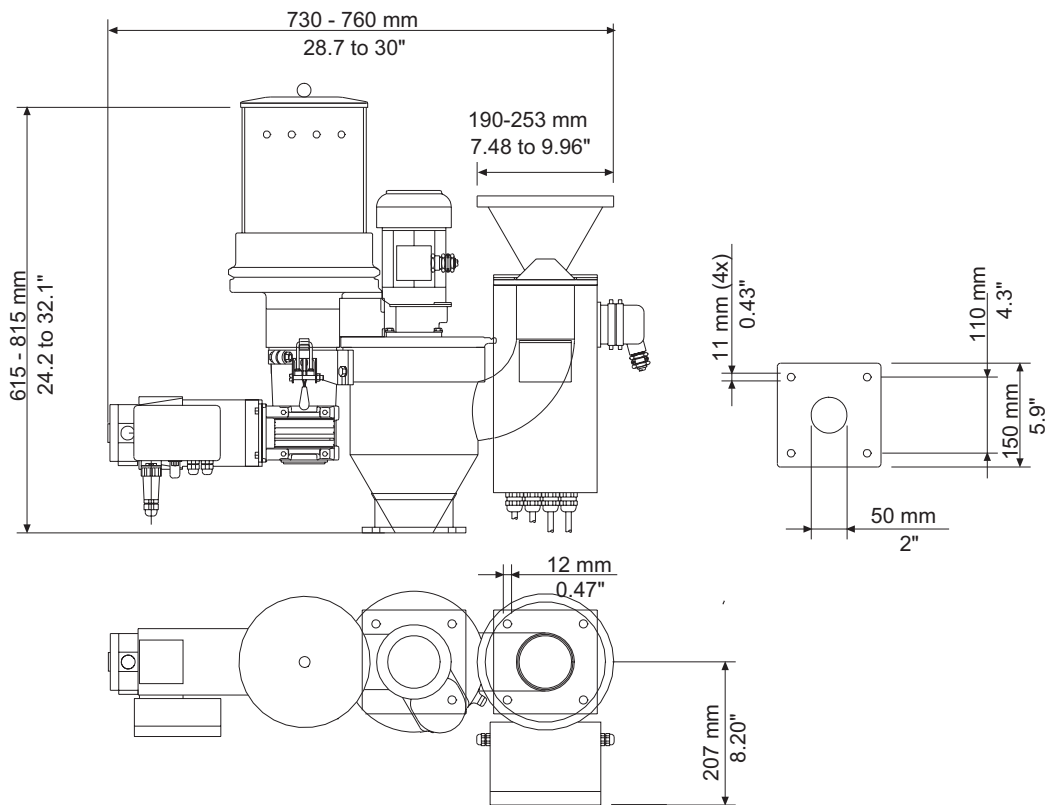
- Microprocessor control
- Dosing of granules and powder
- The main component flows directly into the mixer hopper
- 1 additive dosing station
- Dynamic mixer
- Operating voltage 400 VAC ±10 %, 50/60 Hz

Optional Equipment

- Levelsensor for dosing hopper
- Spare stations for quick material changes
- Sampling device for simple calibration
- 3 position rotary disc valve under the mixing hopper open / closed / emptying
- Hopper loader support arms for easy positioning of the conveying units above the dosing stations
- Refill systems
- Special voltage

Performance

- maximum throughput 50 kg/h (110 lbs/hr)
- maximum shot weight 0.3 kg (0.7 lbs/hr)



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