



Series 100 – Volumetric Screw Feeder

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The Series 100 is a screw feeder designed to volumetrically deliver dry material into a process at varying rates by changing the speed of the auger.

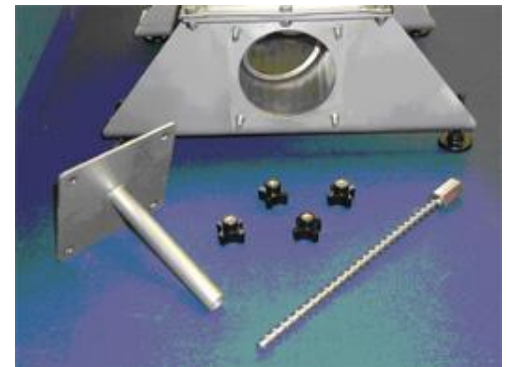
The Series 100 is supplied with a variable speed drive that allows the user to adjust the percentage of drive output to a rotating auger. The auger draws material out of the integral storage hopper. An overwind helix, concentric to the auger, conditions the material and serves as an agitator.



- All Stainless-Steel Construction
- Mechanical Hopper Agitator/Material Conditioning Helix
- Direct Coupled Reducer/Auger (no chains or sprockets)
- Pre-Wired, NEMA 4X, Feeder Mounted Controls
- Adjustable Leveling Feet
- Helix sizes from 0.50” to 6.0” in diameter
- Spring Loaded, no maintenance Teflon Auger Seal
- Easily converts to Loss-in-Weight (see Upgrades/Retrofits section on main page for 510 loss-in-weight retrofit)

The Series 100 is designed for the following flow rates:

- [100-V1](#) 0.003 ft³/hr – 7.00 ft³/hr
- [100-V2](#) 0.20 ft³/hr – 124.00 ft³/hr
- [100-V3](#) 100.00 ft³/hr – 900.00 ft³/hr





Volumetric Feeders