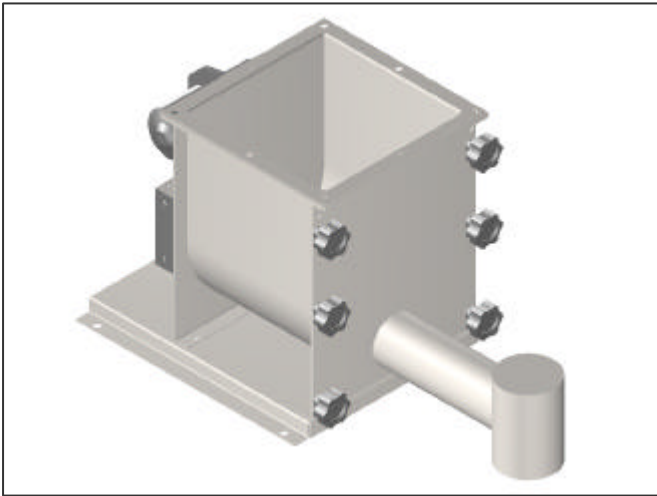




WEB-TECH



Model VF1000 Volumetric Screw Feeder

Web-Tech's model VF1000 Volumetric Feeder is designed to handle a broad range of dry materials, and feeding applications. The VF1000 is ideal for all applications that require consistent and accurate metering of powders, pellets and granules, suitable for industries such as Plastics, Food, Chemicals, Building Products, Water Treatment and many others. The VF1000 is ideal for low capacity applications, or where there is limited space.

The VF1000 is a low cost Volumetric Feeder, fabricated from stainless steel, making it ideal for sanitary and corrosive applications. The VF1000 is available in capacities ranging from 0.0002 m³/Hr to 0.55 m³/Hr.

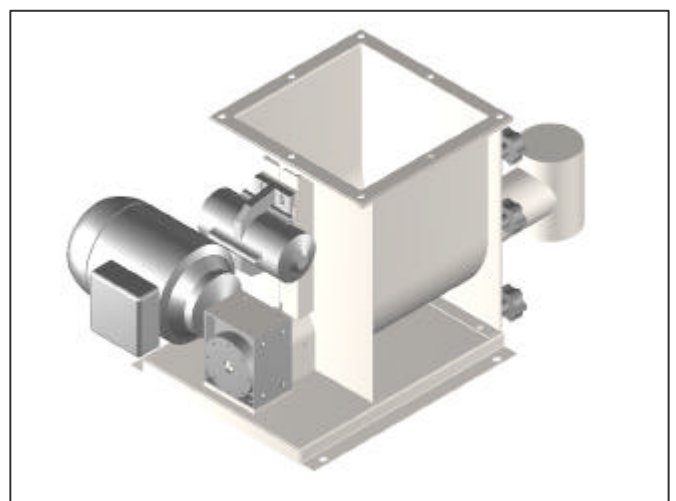
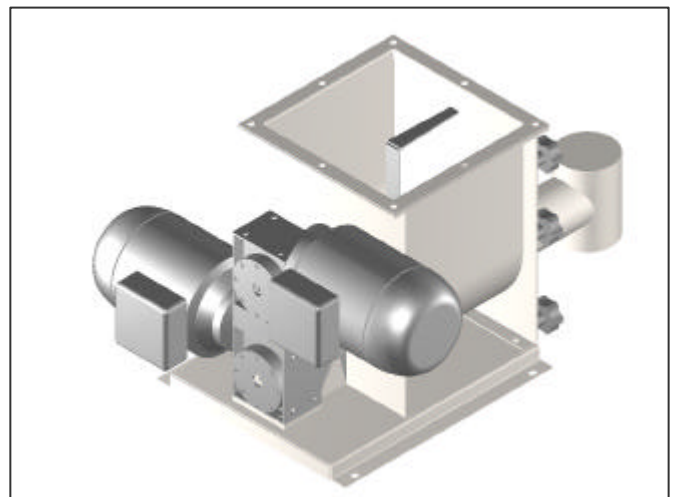
The feeder is designed to be easily disassembled for cleaning purposes. The front cover, metering screw and metering tube, can be removed to allow access to the feeder hopper.

For products that are only semi-free flowing, the VF1000 can be provided with either a vibrator, or an internal agitator. The vibrator can be supplied with an optional timer controller, which pulses the vibrator at a predetermined time interval whilst the feeder is running. The internal agitator option consists of an agitator blade and additional drive motor.

The VF1000 can be bolted directly to the bottom of an existing hopper, or can be supplied free standing. A range of various capacity extension hoppers are available upon request.

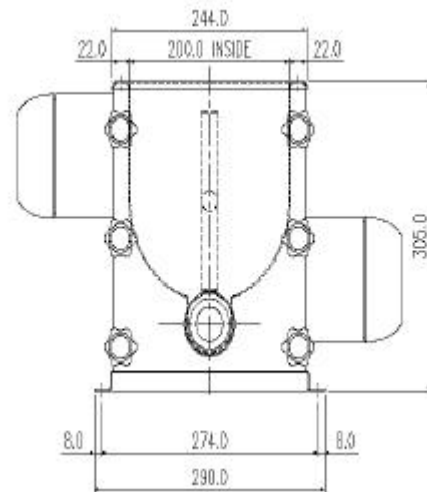
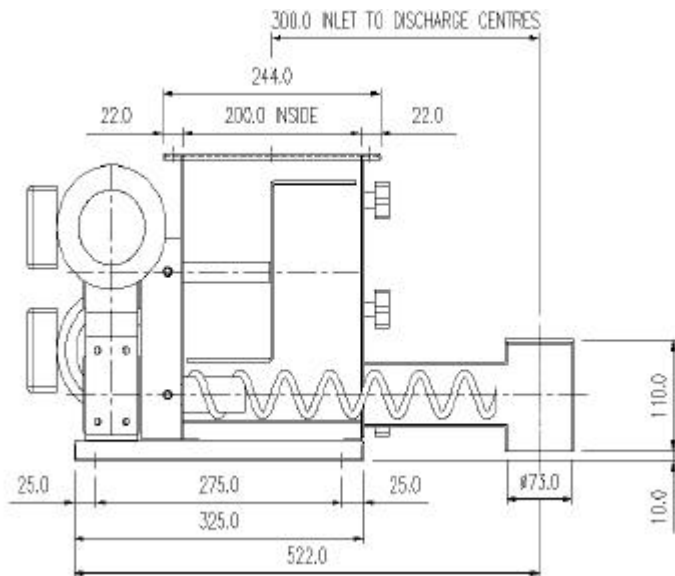
Variable speed control is available by means of an optional AC variable speed controller.

Typical accuracies of $\pm 0.5\%$ to $\pm 3\%$ are possible, depending on the type of material to be metered. For applications requiring higher accuracies, please refer to our range of Loss-In-Weight Feeders.





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SPECIFICATIONS – MODEL VF1000

- Construction : Stainless Steel
- Capacities : 0.0002 m³ to 0.55 m³ per hour
- Screw Diameter : 6 / 12 / 20 / 25 / 35 / 50 mm
- Power : 415 VAC, 3 phase (240 VAC, 1 phase if using Variable Speed Drive)
- Agitator Type : Internal, to suit product
- Vibrator Type : 240 VAC, 1 phase
- Turndown Range : Typically 10:1

Note: Dimensions and specifications are subject to change.



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