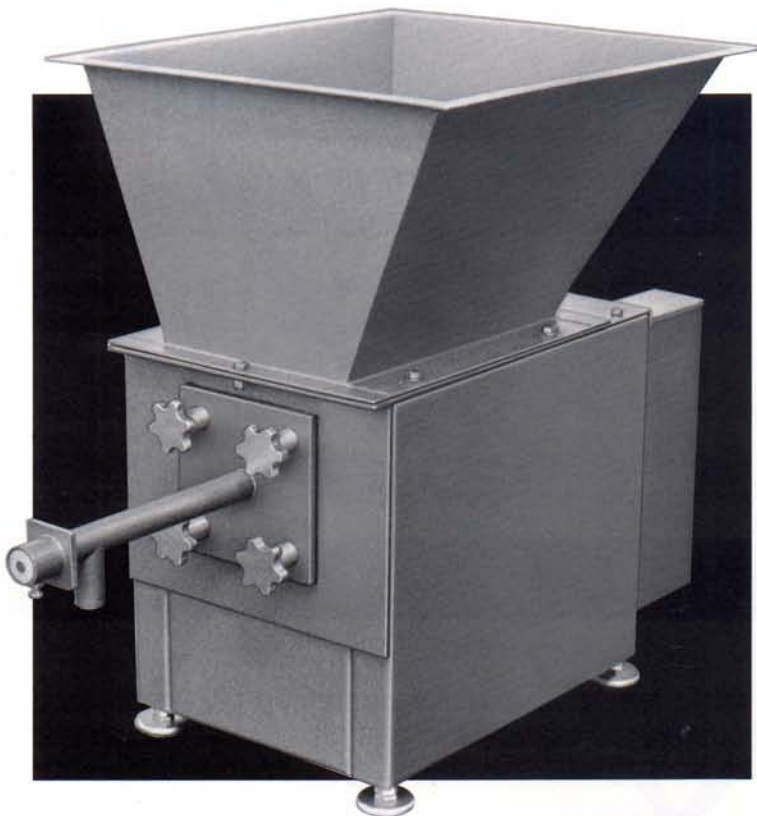
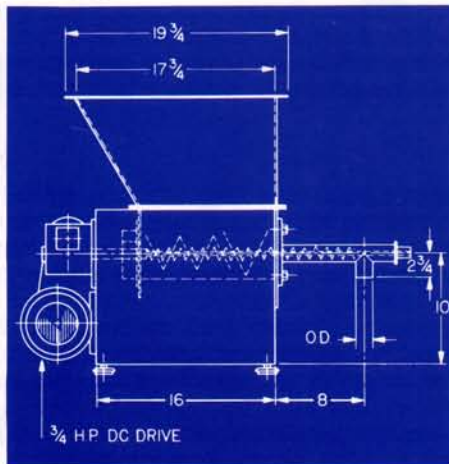
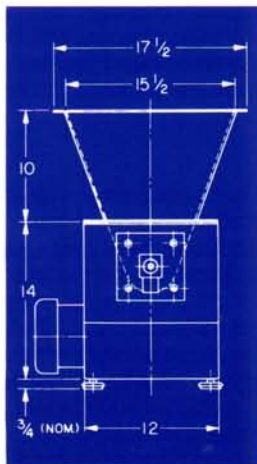


## “Mini Feeders” DBIM Series Volumetric Screw Feeders



3 ruggedly built mini-models provide precise, dependable feed rates from 0.1 to 8 cu. ft./hr.

- Requires only 12" x 16" support
- ± 1 to 2% accuracy
- Only 3 moving parts
- Flakes, powders, pellets, agglomerates
- Standard and sanitary models
- Interchangeable screws and tubes



Designed for applications where space is critical, Metalfab Model DBIM mini feeders provide dependable, highly accurate feeding of a wide variety of dry solid materials from an extremely small base, of only 12" x 16".

Three ruggedly built models, with maximum feed rates of 1, 3 and 8 cu. ft./hr. respectively, provide accuracies of ± 1 to 2%, based on one minute samples.

Maximum space saving is achieved by mounting the DC drive to the rear of the support frame, perpendicular to the feed. There are only three moving parts: the drive train, compound feed screw and a heavy duty timing belt which links them. Conventional metal bearings have been replaced with self-lubricating nylon sleeves which contain the rotating screw. With only 3 moving parts, little or no downtime will be required for repairs or replacement.

A 1 cu. ft. hopper with sharply sloped sides and large rectangular outlet, provides capacity for most purge conditions. The hopper is removable and can be replaced with up to a 6" diameter inlet trough cover. The unit can then be preceded by a Metalfab bin activator or Posibin.

MODEL	FEED RATE MAX. (CU. FT./HR.)	O.D.
DBIM-3/4	1	1
DBIM-1	3	1 1/2
DBIM-1 1/2	8	2

### Specifications

**Construction:** mild steel, mild steel epoxy coated, 304 or 316 stainless or other specified materials. Sanitary construction also available.

**Drive:** totally enclosed DC motor and inline gear (20:1 range). Controller rectifies single phase AC input into DC to vary motor speed. Explosion proof motor available.

## Metalfab, Inc.

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