

## APPLICATION

The PVS Process Equipment 11-01 Series Volumetric Screw Feeder is commonly used in applications with existing or integrated dump/unloading stations that require variable system infeed rates. The pickup adapter mounted screw feed allows for supply rate adjustment, ensuring consistent vacuum system filling and reducing the potential for clogs.

## DESIGN

The 11-01 Series Volumetric Screw Feeder utilizes a unique integrated screw feed to meter large quantities of material into a system or process, preventing overloading, jamming or clogs. High torque motor and industrial gear set breakup agglomerated materials during the metering process. Variable speed drive allows for precise control of material injection into the downstream system.

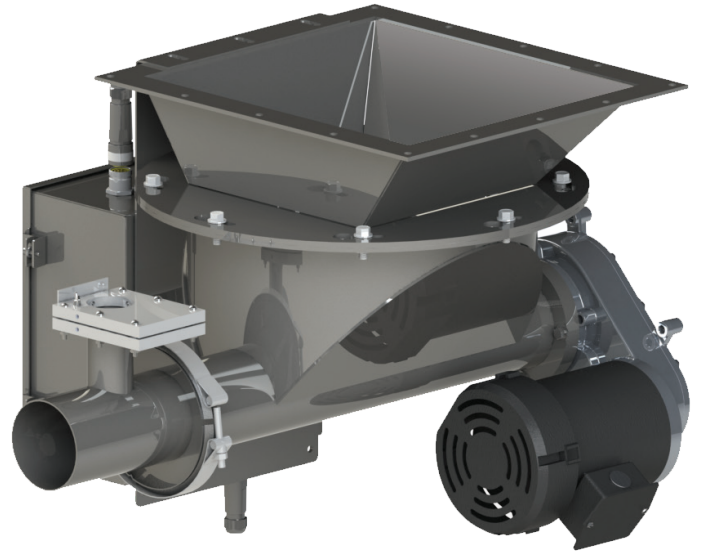
Controls, feeder and pickup adapter are packaged into a single, self-supporting unit making for easy placement and change out in combination with the universal mounting flange connecting to the dump/unloading station.

## STANDARD SPECIFICATIONS

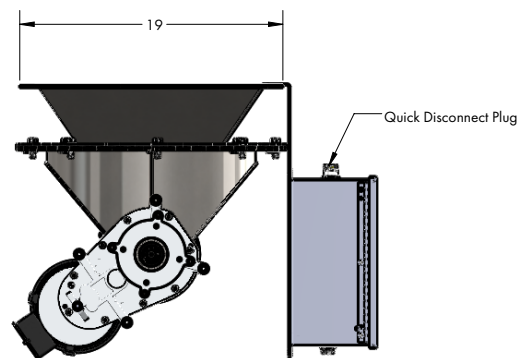
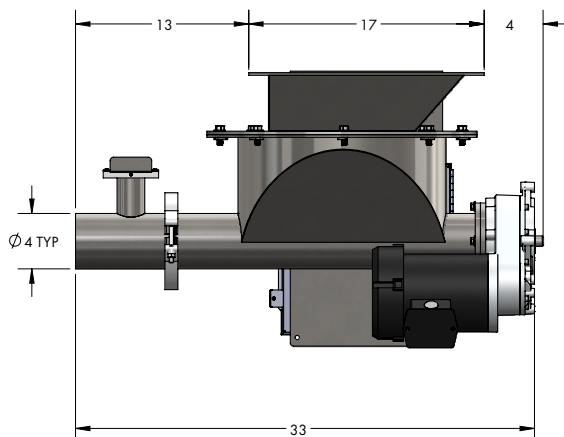
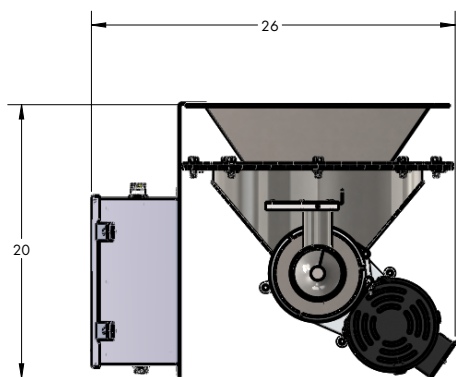
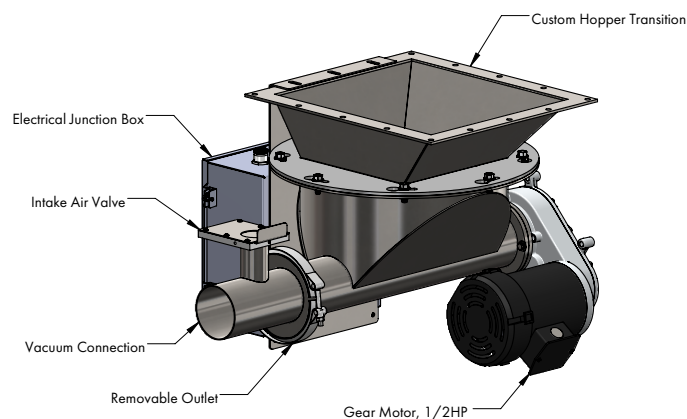
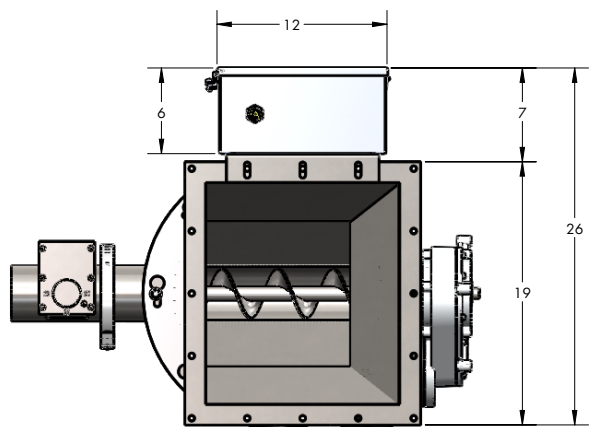
- 304 Stainless Steel Construction
- Integrated Motor & Gear Set
- High Torque Motor with Overload Protection
- Universal Mounting Flange
- Sight Glass Clean Out Port
- Intake Air Bleed Valve
- Variable Frequency Drive Package
- Manual Forward/ Reversing Switch
- Flow Through Vacuum Pick-Up Adapter

## OPTIONS

- Carbon Steel Painted Construction
- Custom Adapter Brackets
- Vacuum Wand Attachment Kit
- Vacuum Cleaning Kit
- HEPA Filtered Air Intake
- Integration to Tunnel Washer
- Flow Promotion Vibrator
- Leveling Feet
- Seismic Anchoring Package
- Special Voltage Requirements



## DIMENSIONS OF THE 11-01 SERIES VOLUMETRIC SCREW FEEDER



### UTILITY REQUIREMENTS:

#### Electrical:

- 15 AMP at 120 Volts, 1 Phase, 60 Hertz
  - o 10' Flexible Cord with Plug Included

#### Compressed Air:

- 1 CFM at 90 PSI (Intermittent Duty)
  - o Clean & Dry, Free of Oil & Dirt



## CUSTOMER DRIVEN SOLUTIONS.

PVS Process Equipment | 2600 Hamburg Turnpike Suite A | Buffalo, NY 14218  
p. 716-646-0181 | f. 716-646-0157

CALL PVS TODAY  
855.244.9533

Drawing data is for general reference ONLY. Certified drawings for your application available upon request.