

APPLICATION

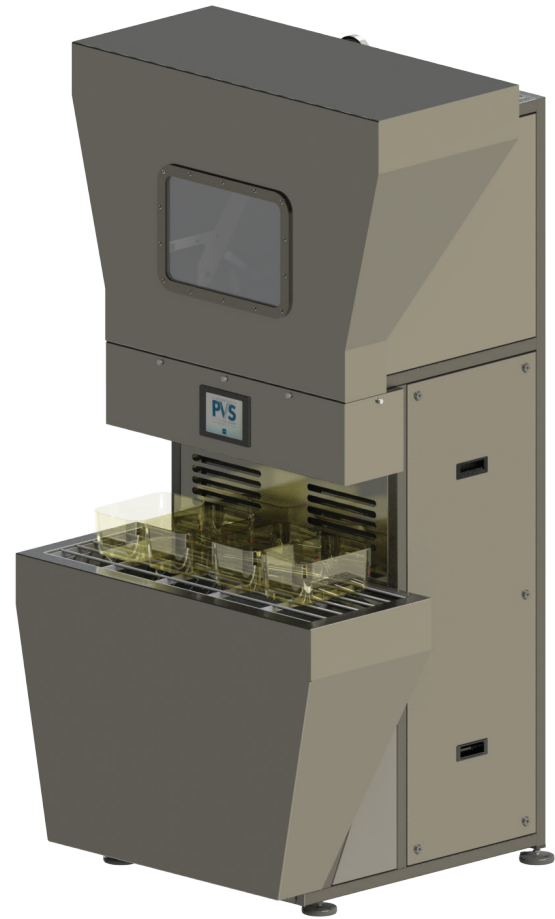
The PVS Process Equipment Series 504 Bedding Dispenser is a semi-automatic unit designed to dispense bedding into four (4) standard rodent cages simultaneously or individually when they are placed into position within the filling area. Capable of handling most beddings, including corn cob, paper and wood chip based products commonly used in the life science industry. Microprocessor controlled with color touch screen interface allows for quick adjustability to dispensed volume and cage size.

DESIGN

The Series 504 Bedding Dispenser can be filled by emptying bags of bedding through the dispensing grate into the refill hopper or via pneumatically conveying material from bulk bags. Bedding is then conveyed to the dispense hopper by vacuum where it is held in preparation for dispensing. When cages are loaded into the dispensing grate, a photoelectric sensor triggers the fast acting valves to dispense a predetermined amount of bedding into the awaiting cage below. The amount of bedding is adjustable through the color touchscreen located in the front of the dispenser. Spillage passes through the dispense grate and is contained in the refill hopper eliminating waste.

OPTIONS

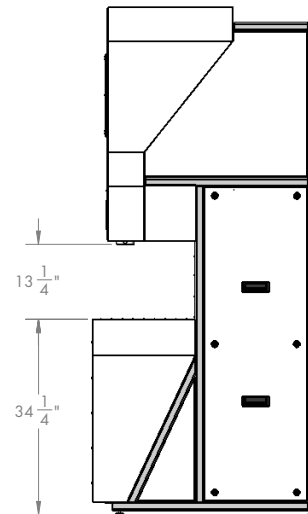
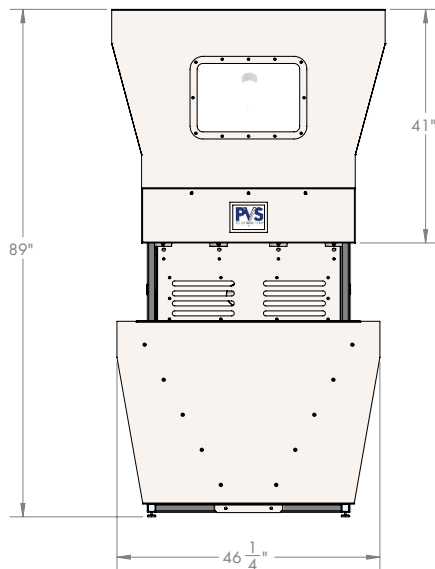
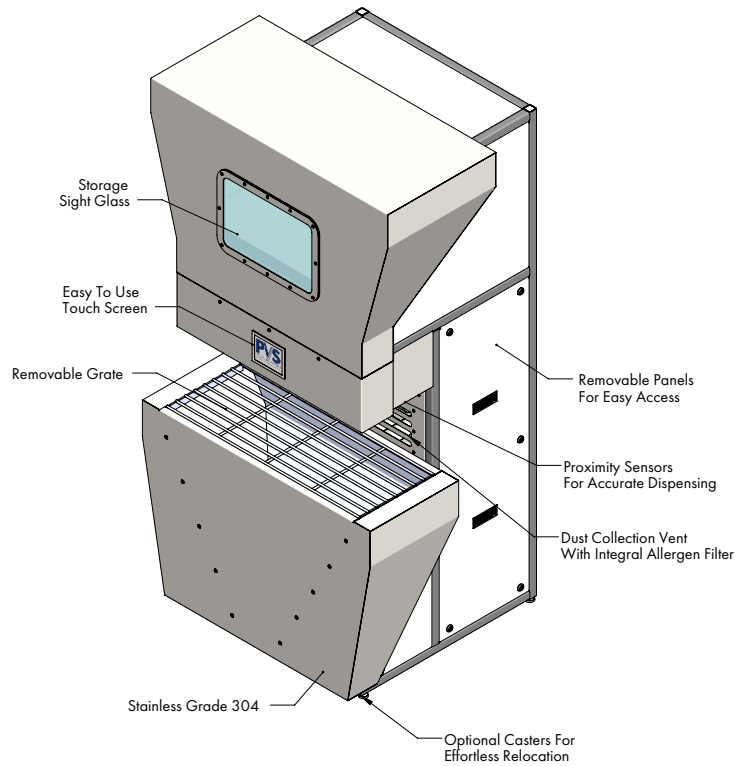
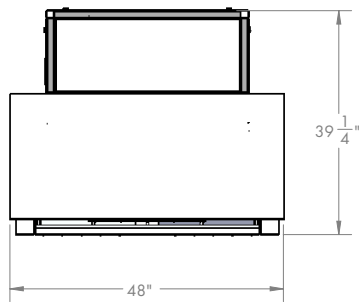
- Seismic Tie-Downs
- Heavy Duty Casters Pack
- Integral Air Compressor
- Pneumatic Flow Promotion System
- Mechanical Flow Promotion System
- Central System Inlet & Outlet Connections
- Non-Marking Rollers
- HEPA Filter Exhaust



STANDARD SPECIFICATIONS

- 304 S.S. #4 Finished Panels & Hoppers
- 304 S.S. Matte Finish Framework & Internal Components
- 12 Cubic Foot of Storage Volume
- Adjustable Leveling Feet
- Allergen Dust Collector w/ Pulse Filter Clean System
- Vacuum Transfer from Refill Hopper to Dispense Hopper
- Ready to Integrate into Central Bedding Supply System
 - Pneumatic (Vacuum) or Mechanical (Drag Chain)
- Four (4) Dispensing Valves & Cage Present Sensors
- Color Touch Screen Control
- Vibratory Flow Promotion System
- High & Low Level Sensors in Dispensing Hopper
- Removable Side & Rear Panels for Maintenance Access
- Fully Gasketed Front Window
- Microprocessor Controlled and Capable of Interface with Central Bedding Delivery System Controller

DIMENSIONS OF THE SERIES 504 BEDDING DISPENSER



UTILITY REQUIREMENTS:

Electrical:

- 20 AMP at 120 Volt, 1 Phase, 60 Hertz
- 30 AMP at 460 Volt, 3 Phase, 60 Hertz (VX Series Configuration Only)

Compressed Air:

- 4-6 CFM at 90 PSi (Intermittent Duty)
 - o Air to be Clean & Dry, Free of Oil & Dirt
 - o Usage is intermittent, 4-6 CFM @ 90 PSi



CUSTOMER DRIVEN SOLUTIONS.