

APPLICATION

The PVS Process Equipment GF Series Waste Bedding Disposal System is designed to pneumatically convey waste bedding material from one or more dump stations over a distance of up to 1000 feet vertically and horizontally to a wide variety of open waste containers.

This system is intended for use in both stand-alone (batch wash) and integrated (continuous wash) applications where waste removal consumes significant staff resources. Due to its mobile dump station configuration and ability to work within the confines of existing or standard open waste containers, this system can be easily adapted to each facility's unique requirements.

KEY FEATURES

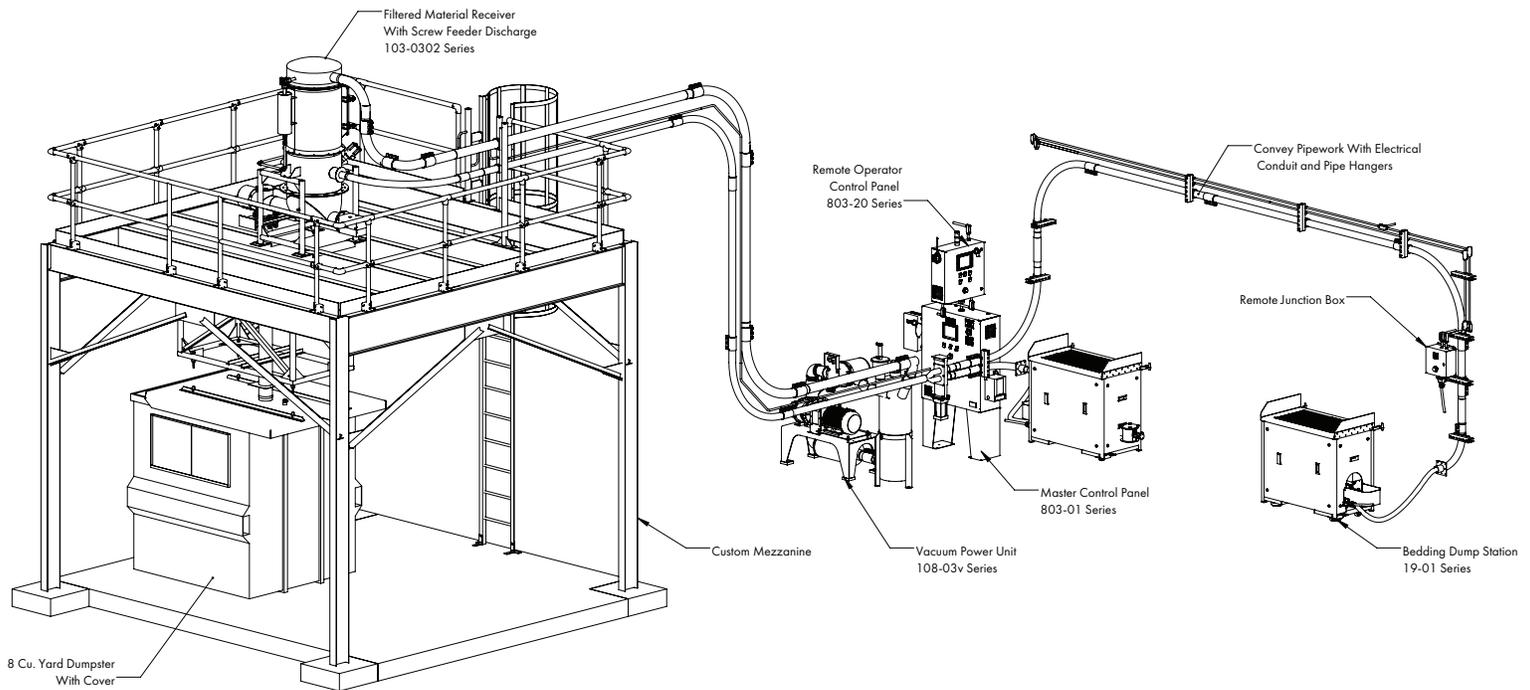
- Turn Key Solution
- Customizability
- Ergonomically Focused Design
- Simple & Fast Installation

OPERATION & INTERGRATION

Waste bedding material is deposited by personnel into a dump station connected to the conveyance system. Waste materials, including bedding, food pellets, enrichments and other organics, are metered into the conveyance system to ensure clog-free operation as material is conveyed. Material is collected in an external receiver, where it is metered into the waste container(s) to ensure even and complete filling.

All system operations are monitored and controlled by a PLC based system via full color touch screens at both the dump station and waste container receiver. System operating status and container levels are easily viewed and tracked.

The GF series package is ideal for customers looking to automate waste bedding removal with restrictions regarding disposal container type. This system can accommodate everything from open dumpsters down to multiple garbage totes.



SYSTEM COMPONENTS:

- 19-01 Series Bedding Dump Station
- 103-0302 Series Material Filter Receiver
- 108v Series Vacuum Power Unit
- 803 Series Convey System Controller
- 901 Series Equipment Work Platform (O)
- 106 Series Cartridge Dust Collector (O)

UTILITY REQUIREMENTS:

Electrical:

- 30-60 AMP at 460 Volt, 3 Phase, 60 Hertz
 - o 108v Series Vacuum Power Unit
- 15 AMP at 120 Volts, 1 Phase, 60 Hertz
 - o 19-01 Series Bedding Dump Station

Compress Air:

- 4 CFM at 90 PSI Clean & Dry Air (Intermittent Duty)
 - o 103-03 Series Filtered Material Receiver
- 1 CFM at 90 PSI Clean & Dry Air (Intermittent Duty)
 - o 19-01 Series Bedding Dump Station

TECHNICAL DATA

- Stainless Steel Conveyance Network
- Heavy Duty Stainless Steel Construction
- Integral Dust Control at Dispenser
- HEPA Filtered Discharge
- Color Operator Interface (HMI)
- Painted NEMA 4/12 Enclosure
- Fully Integrated Controls
- Ethernet Communication Capable
- Compressed Air Regulation Kit
- Integral Air Compressor (O)

CUSTOMER DRIVEN SOLUTIONS.