



APPLICATION

The MX Series Clean Bedding Delivery System is designed to pneumatically convey clean bedding material from bulk bags over a distance of up to 250 feet vertically and horizontally to a packaged filtered material receiver with an integral vacuum power source mounted above a bedding dispenser.

This system is intended for integration with a wide variety of new and existing conveyerized or dosing type bedding dispensers, providing an ergonomic, efficient and clean solution to refilling bedding. Due to its small component footprint, the MX Series is perfect for facilities with limited floor space.

KEY FEATURES

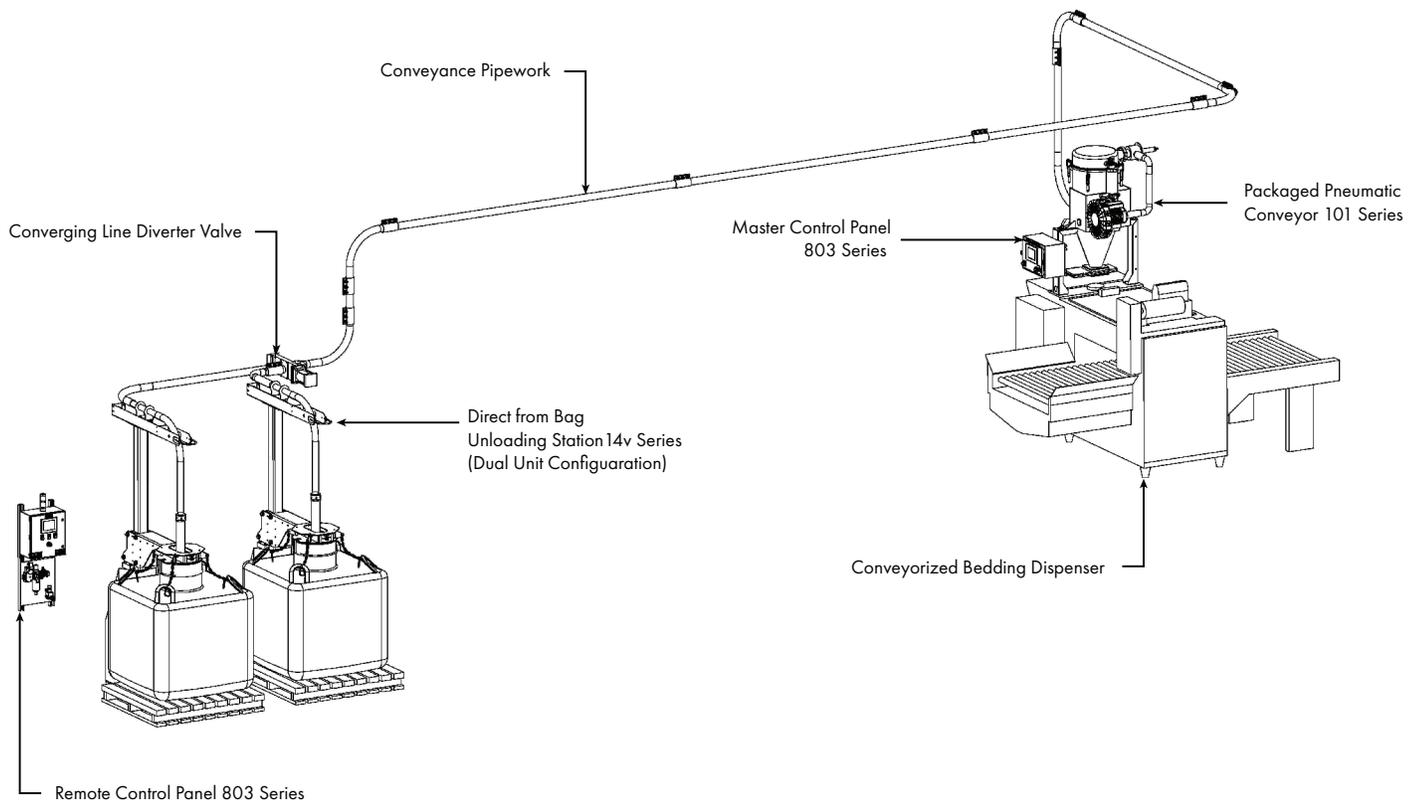
- No Extra Floor Space Required
- Redundant Bulk Bag Unloading
- Simple & Fast Installation

OPERATION & INTERGRATION

Bulk bedding bags are loaded via pallet jack directly into the Direct from Bag Unloader in preparation for distribution. The pickup wand is lowered into the bag and material is automatically conveyed via vacuum blower located at the dispenser. Material is collected in a distribution receiver mounted on top of the bedding dispenser until required. When there is a demand for bedding, the receiver automatically fills the dispenser through the actuation of an integrated slide valve.

All system operations are monitored and controlled by a PLC based system via full color touch screens at both the unloader and dispenser. Communication and interconnection with the customer selected dispenser is designed into each system.

The MX series package is ideal for customers looking to automate bedding delivery from storage to point of distribution.



SYSTEM COMPONENTS:

- 14 Series Direct from Bulk Bag Unloader
- 101 Series Packaged Pneumatic Conveyor
- 803 Series Convey System Controller
- 106 Series Dust Collector (O)

UTILITY REQUIREMENTS:

Electrical:

- 10 AMP at 460 Volt, 3 Phase, 60 Hertz
 - o 101 Series Packaged Pneumatic Conveyor

Compressed Air:

- 10 CFM at 90 PSI Clean & Dry Air (Intermittent Duty)
 - o 14 Series Direct from Bag Unloader
- 4-6 CFM at 60 PSI Clean & Dry Air (Intermittent Duty)
 - o 101 Series Packaged Pneumatic Conveyor

TECHNICAL DATA

- Stainless Steel Conveyance Network
- Heavy Duty Stainless Steel Construction
- Integral Dust Control (Optional Dust Collection)
- 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.