

MANUAL BEDDING DISPENSING SYSTEM

VBDS 3000

FEATURES:

- **Consistent Bedding Volume** – User defined bedding volume is dispensed with consistent repeatability.
- **Dust Containment** -removes dust from bedding products. Built-in dust collection minimizes operator exposure and keeps work area clean.
- **Ergonomically Proactive** – Eliminates hand gripping and clutching of bedding materials associated with MSD injuries.
- **Graphic Touch Panel HMI** -with I/O status, cage counts, productivity tracking & more.
- **Safe Operation** -Intrinsically safe design.
- **Retractable Work Bench** – optimizes work flow and space utilization.



DESCRIPTION & BRIEF SYNOPSIS OF ACTION:

The **VBDS 3000** series automatic bedding dispenser Volumetric Dispensing Module is 97% accurate at dispensing at 315 cc per cage of 1/8" size cob bedding with a 99.5%+ repeatability.

The Volumetric Dispensing Module is interchangeable with a Fluidizer Dispensing Module for dispensing paper pulp and similar materials. Cages may be inserted directly into the dispensing chamber for bedding dispensing and can be placed on the retractable work bench for caging component assembly.

The stainless steel storage bin is located internally under the dispensing chutes, and may be manually filled from the front of the dispenser. Sensors for bedding levels in the bin display the level condition on the graphic touch screen. The bedding storage bin can also be loaded with the **Vacuum Transfer System option** with a bedding storage system, such as a **VBBS Automatic Bag Slitter** (opener) with integrated Storage Silo or an **External Storage Hopper** with discharger.

Graphic Touch Panel Interface – designed to be easy to use and easy to understand with self-diagnostic graphics, condition analysis and cage count functions. Available with remote communication options:

- Filter & System Condition Vacuum Pressure Sensors
- Low & high dispensing bin material levels
- Cage count
- Selectable cage size amounts, up to three (3) different cage types*
- Adjustable quantity output (through a security access sub-screen)

Dimensions: 48 inches wide x 30 inches deep x 72 inches high

Options:

- Management reports – Cage count, throughput, productivity, ergonomic administrative reports
- Automated dispensing of select environmental enrichment products
- Vacuum Bedding Transfer System
- Bedding Storage Systems - **VBBS Automatic Bag Slitter** or **Storage Hopper**
- Compressor Pack
- Casters
- Remote Access Communication and Control

Utility requirements:

Electrical – 120, Single Phase 20 A, 440/220, 3Phase, 10/20 A