



D200 SERIES
AUTOMATIC
BEDDING DISPENSERS

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D200 SERIES AUTOMATIC BEDDING DISPENSERS

The BetterBuilt D200 Series Automatic Bedding Dispenser is a conveyORIZED unit designed to accept rodent cages discharged from a tunnel washer or as a stand-alone unit and automatically dispense a controlled level of dry bedding into each cage as they pass through the unit.

Solid Construction for Durability

All dispensers are built with durability in mind. We manufacture these units using all stainless steel construction including the bedding hopper, conveyor, support structure and conveyor table.

Storage / Dispensing Hopper

The 10 cu.ft. storage hopper is filled by manually dumping bedding from bags into the unit through a top inlet hatch which can be located on either the left or right side of the dispenser. The hinged inlet cover is provided with a safety switch to shut down the system should the hopper require filling during operation.

Powered Roller Conveyor System

Cages are transported through the automatic bedding dispenser by powered stainless steel rollers with ball bearing type shafts. The 2" diameter belt powered rollers are on 3" centers. The stainless steel rollers have PVC sleeves for noise reduction and protection of the cages. The rollers are interconnected through o-rings which further reduce noise and provide increased safety.

Controls

The unit is provided with a stainless steel operator panel mounted on the side of the machine, complete with start-stop switches, indicator lights, and variable speed controls. The bedding dispenser is controlled by a micro-PLC.

Controlled Dispensing Level

The variable speed drive motor ensures a controlled level of bedding is dispensed into each cage as it passes through the dispenser. Excess bedding falls through the roller conveyor and is returned to the storage hopper. The level of bedding in cages can be varied by adjusting the rate control of the dispensing conveyor located inside the lockable control panel.





Clean-out and Service Access

Large access panels are located on both sides of the lower hopper to aid in cleaning and maintenance.

Collection Screen

A removable stainless steel drawer type mesh screen collects any item that may fall through the load area rollers of the dispenser.

Exhaust Duct Connection

The unit is provided with a 4" exhaust duct connection point. The dispenser exhaust contains dust particles and must be kept dry and free of moisture. Several exhaust options are available to best suite site conditions and meet user preferences.

Patent Pending

Automatic Cage Flipping Device

A simple yet 99.9% effective cage flipping device is located at the load end of the bedding dispenser. Cages coming from the unload end of a tunnel washer are received by a stainless steel sloped shelf which controls the flipping upright of cages automatically onto the inline bedding dispenser's powered roller conveyor. The standard flipping device is compatible with the majority of standard cages currently available. Adjustments are possible to enable the use of non-standard type caging.





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APPLICATION

The BetterBuilt D200 Series Automatic Bedding Dispenser is designed to automatically dispense dry, free flowing, solid bedding into rodent cages as they are conveyed through the unit.

Note: Due to continued engineering improvements, specifications are subject to change without notice.

CONVEYOR

MODEL	WIDTH	OVERALL (W x L x H)
D224	24" 610mm	69.5" x 96" x 60" 1765 x 2438 x 1524mm
D230	30" 762mm	75.5" x 96" x 60" 1918 x 2438 x 1524mm
D236	36" 914mm	81.5" x 96" x 60" 2070 x 2438 x 1524mm
D242	42" 1067mm	87.5" x 96" x 60" 2223 x 2438 x 1524mm
D248	48" 1219mm	93.5" x 96" x 60" 2375 x 2438 x 1524mm

OVERALL

STANDARD FEATURES

- All Stainless Steel Construction
- Powered Stainless Steel Rollers
- PVC Coating on Rollers
- Shaft Bearings are Ball Bearing Type
- Storage Capacity is 10 cu.ft.
- Controlled Dispensing Level
- Clean-out and Service Access Doors
- Hinged Cover on Loading Hopper w/ Safety Sensor
- Collection Screen Drawer

- Adjustable Stainless Steel Legs
- 4" Exhaust Duct Connection Point Provided
- 4" Inlet for Automated Bedding Delivery
- Self-contained Control Panel
- Start/Stop Switches and Speed Controls
- 1/3 Hp Variable Speed Dispensing Conveyor Motor
- Unload End Auto Stop Sensor
- Non-proprietary Components

OPTIONAL FEATURES

- Right or Left Hand Configuration
- Seismic Anchors
- Extended Roller Conveyor Lengths
- Dust Containment System w/ Blower & Bag

- Torit Dust Containment System
- 5" Swivel Casters w/ Brakes
- Three (3) Phase Power

RELATED EQUIPMENT

- Tunnel Cage Washers
- Hammermill Disposal Stations

- Clean Side Diverter Stations
- Sure-Flo Bedding Handling Systems

DIVISION OF NORTHWESTERN SYSTEMS CORP

7601 MacDonald Road • Delta, British Columbia • Canada V4G 1N3

888-553-0855 • Tel: 604-952-0925 • Fax: 604-952-0941
www.nsc-betterbuilt.com • info@nsc-betterbuilt.com