

Automatic Bedding Dispensing Station

MODEL: ABD01

Bedding Dispensing Stations are designed to fill animal bedding material quickly and accurately into the animal cages. These freestanding dispensers have free-flowing bedding material with dust control.



Designed To Fill Animal Bedding Material Quickly And Accurately Into The Animal Cages



Bedding material to be dispensed is added to the tank at the bottom side and is taken up through the vacuum force and the required set quantity is dispensed in the cages placed below the dispenser outlet ports with an accuracy of $\pm 5\%$. Bedding material is dispensed only when the cages are placed below the dispenser outlet ports as the unit is fitted with sensors to detect the cage position. The waste material will be collected back in the bottom tank and reused to avoid any wastage. The machine is fitted with a dust suction fan which operates automatically as per the set cycle to remove the excess dust. Further, the unit is fitted with a lower limit sensor which gives an alarm when the bedding material in the tank reaches to lower limit.

FEATURES:

- Touch screen PLC-HMI control.
- Negative pressure H13 filter for dust removal during the dispensing of bedding material in the cages, fixed on the backside of cage trays.
- Two-stage HEPA high-efficiency air filtration system for removal of dust during lifting of bedding material and dispensing down.
- 4 programs to set the cage model and filling volume for bedding materials.

SPECIFICATIONS & MODELS:

Model	Tank Capacity	Bedding Material
ABD-01	190 ltr.	Corn cobb bedding materials of size 2-4mm, 4-6mm

ORDERING INFORMATION:

Model	Filter Details	Power Requirements	External Dimensions & height of working table L x W x H (mm)	Optional Accessories
ABD-01	Three HEPA Filters	380V AC 50Hz Three phase supply	120 x 780 x 1975 mm ± 10 mm	Stabilizer required for converting 440 V to 380 V

*Needs to be specified in order information

Note: Orchid's continuing product development makes specifications subject to change without prior notification.



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