

Large Space Automatic Poultry Manure Removal System For Breeder Chicken Battery Cage

Basic Information

Place of Origin: China
Brand Name: Farmrob
Certification: ISO9001
Model Number: H Type
Minimum Order Quantity: 200 sets

Packaging Details: Normal export packing 20ft / 40HQ container

Delivery Time: 50 days

Supply Ability: 50000 sets per month



Product Specification

Product Name: Poultry Manure Removal System

Brand Name: Farmrob

• Cage Size: 4800mm*1200mm*700mm

• Capacity Per Cell: 100 Birds/Cell

• Tiers: 3 To 6, Which Can Be Designed

• Feature: Anti-corrosion

Material: High Aluminum Content Series

Service Lifespan: 15-25 Years

• Manure Removal System: Automatic Manure Removal System

Feeding System: Automatic Feeding SystemDrinking System: Automatic Drinking System

• Highlight: Large Space Poultry Manure Removal System,

Automatic Poultry Manure Removal System,

Breeder Chicken Battery Cage

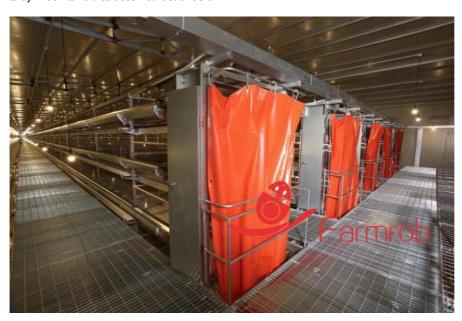


Large Space Mixed Gender Poultry Manure Removal System For Breeder Chicken Battery Cage

Manure Cleaning System

The head frame device for manure cleaning adopts a plastic nylon spiral driven wheel at the frontend to prevent the manure cleaning belt fromwandering and effectively remove accumulated manure.

The support of driven device in the middle of manure cleaning device is made of inc-aluminum-magnesium alloy material, which has good strength, high anti-corrosion performance, and no burrs on the surface, eliminating the scratch of the manure support frame on the manure cleaning belt. The power device at the tail frame is designed with a multi-layer integrated control for the tail-end manure cleaning scraper pressing mechanism, which is labor-saving and easy to operate. Both the large and small rollersat the tail end adopt injection-molded tire rubber driving wheels, which have good plasticity, increase friction, eliminate stress, and protect the manure cleaning belt. The tail end uses injection-molded double scrapers for manure cleaning to protect the manure cleaning belt and cleans themanure more cleanly. The tail end manure cleaning belt of horizontal manure removal device has a thickness of 7mm, and an alloy fixed frame that does not rust or deform.



Importance of manure removal system

In poultry farms, manure is often regarded as a limiting factor rather than a byproduct. The foul odoremitted by manure creates an ideal environment for the growth of flies and bacteria Farmrob firmly believes in the importance of a reliable transmission system, which transports manure from the chicken house's manurepit to the final destination and then to the storage area via conveyor belts. In our technical solutions, the quality and efficiency of components are key features. The manure elevator is adequately sized to loadmanure onto specialized trucks or transport it to free-range areas. The conveyor drive is specially designed to be weatherproof. The horizontal manure conveyor belt extracts the product from the PPP conveyor belt located beneath the cages and transports it to another conveyor elevator. The quality of the conveyor belts has received special attention. We focus on design details, select the highest quality raw materials, and analyze specific installation requirements,

enabling Farmrob to provide efficient solutions. Additionally, Farmrob provides all the necessary drawings for the civil engineering related to the installation.

1.	front driven device	hot dip galvanized framework
2,	bracket of manure belt	magnesium alumimun zine alloy bracket and side plate, high corrosion resistance, smooth surface, avoid scrathing manure belt
3.	tail driving device	275g/m° alloy frame and side plate, hot dip galvanized base, injection- molded wheels, large friction coefficient, protecting manure belt
4、	manure cleaning belt	δ =1.0mm,pp manure cleaning belt,not easy to elongate,good plasticity,long service life
5.	horizontal manure removal	W=600, horizontal 24m, oblique 16m, alloy frame, good anti-corrosion performance, manure belt with 7mm thick, manure ditch cover

Automatic breeder cage parameter

Length	4800mm
Width	1200mm
Height	700mm
Tier Heigh	850mm
Width/Door	1200mm
Area/Bird	576 /bird
Birds/Cage	100 bidrs/cage





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