Spring 2021
HYTEM NEWS

HYTEM Installation Visit
Yukihira Poultry Farm　Greater Tokyo Area

History

1961 3,000 birds rearing and layer operations started at home by own made battery cages

1967 Increased to 25,000 layers getting a new land

1981 Started a second farm by 20,000 layers getting land near a feed mill

1991 Invested 230,000 layers H type system by windowless houses

2000 Invested 500,000 layers H type system by windowless houses at third farm
Original farm was close at this stage

2018 Invested 314,928 layers by HYTEM EFA(Egg Farm Automation), 6 rooms by 9 tiers, 2 rows, 98.83m, renovating Curtain sided houses

2020 Invested 235,000 layers by HYTEM EFA, 6 rooms by 8 tiers, 2 rows, 90.28 & 68.32m renovating H type system invested in 1991

Points of Current Operations

- 1.03 million layers
- Flock performances　Henday production: At 500 days more than 90%
  At 630 days more than 85%
- Feed conversion　Lower than 1.8
- Daily egg mass　55~56 grams
- Off grades egg ratio (Crack, Dirty, Abnormal shell etc.)　Less than 8 %

Second Farm renovated

HYTEM EFA 6 rooms by 9 tiers, 2 rows, 98.83m invested in 2018

3 ties at Top level

Middle level

Floor level

Manure ends

Control panels

Management cart

Working deck for Manure Collector

Interview

Mr. Y. Yukihira, CEO
Yukihira Poultry Farm

Interviewer H.Koizumi
Area Manager, Managing Director

Q: What was your concept to renovate the second farm ?

A: I had following two concepts.

1. Sustainable farm to clear the environment problem.
   At the second farm, besides H type windowless houses, there used to be curtain sided houses which were causing flies and smell problem.
   We planned layer houses and manure handling facilities to solve those problems.
2. To build up farm strength to be able to continue the operations even under low egg price period, improving frock performances, and reducing labors.

For the first concept, 2 countermeasures have been input.

1. Cage system to be able to control manure water content for efficient manure handling.
2. Enclosed manure composter with odor control.

For the second concept, 3 countermeasures have been input.

1. Introduce ventilation system to maintain winter house temperature at 26 to 27 Celsius, keeping good house air quality.
2. Feed is supplied by 3 feed companies. To get the best suitable feed, having the study meeting with the feed companies, giving them flock performances' data.
   At the same time, we are asking as even feed particle sizes as possible, even though feed mill equipment are not the same among 3 feed companies.
3. To select equipment to be able to operate as less labor as possible.

Q: What is your concept in dealing eggs ?

A: Our motto is stable quantity, stable shipping, and stable egg size, which is ideal both for sales side and our farm side.
To attain the stable quantity, we are not force molting.
To attain the stable egg size, increasing middle size eggs, we are paying intensive attention to the house temperature and feed intake.

Q: What was the background of your selecting HYTEM?

A: I have selected HYTEM evaluating Hytem company attitude to continue upgrading the equipment.

Q: How is your evaluation of HYTEM after your selection?

A: I am quite satisfied in 0.55 million smooth equipment operation, level of which is along my expectation. Eco Breeze is far less electrical bill, and less labor without cleaning air filter, realizing 2 to 3 less operators. Besides the good flock performances, HYTEM equipment is contributing to the efficient farm operations.

I am feeling that our decision of HYTEM selection was correct.
We are now planning to renovate our rearing facilities.
It is our intension to ask Hytem cooperation for the rearing renovation.

Thank you very much for your answer in open basis.

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Introducing HYTEM Information Sheet issued recently

HYTEM

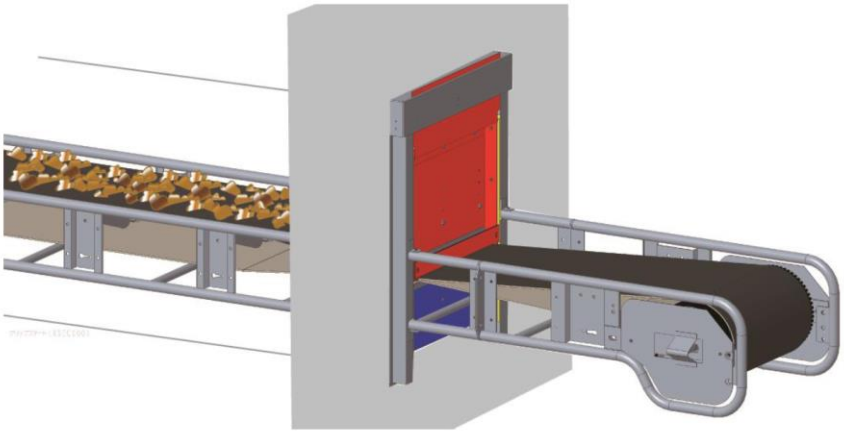
Epoch-making New Invention

HS-10431S

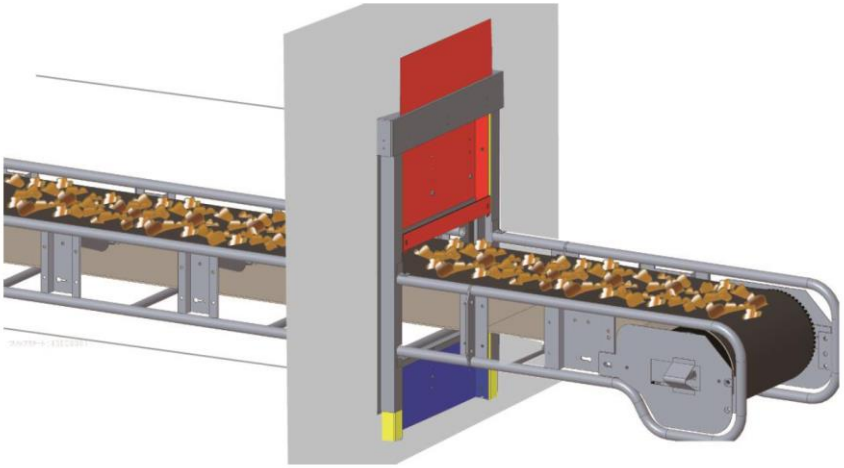
The final answer targeting Rats and AI free Layer house developed through the field-based R&D!!

HYTEM Manure Conveyor Shutter Patented

The critical point where rats and vermin are coming in, is an opening for Manure Conveyor Rats are the biggest enemy of the good flock management
By a recent field research, such vermin as weasels stuck with wild birds' droppings is reported as a critical cause of AI



By automatic closing of Shutter when Conveyor stops, rats and vermin are completely kept off



Shutter opens when Conveyor starts to run