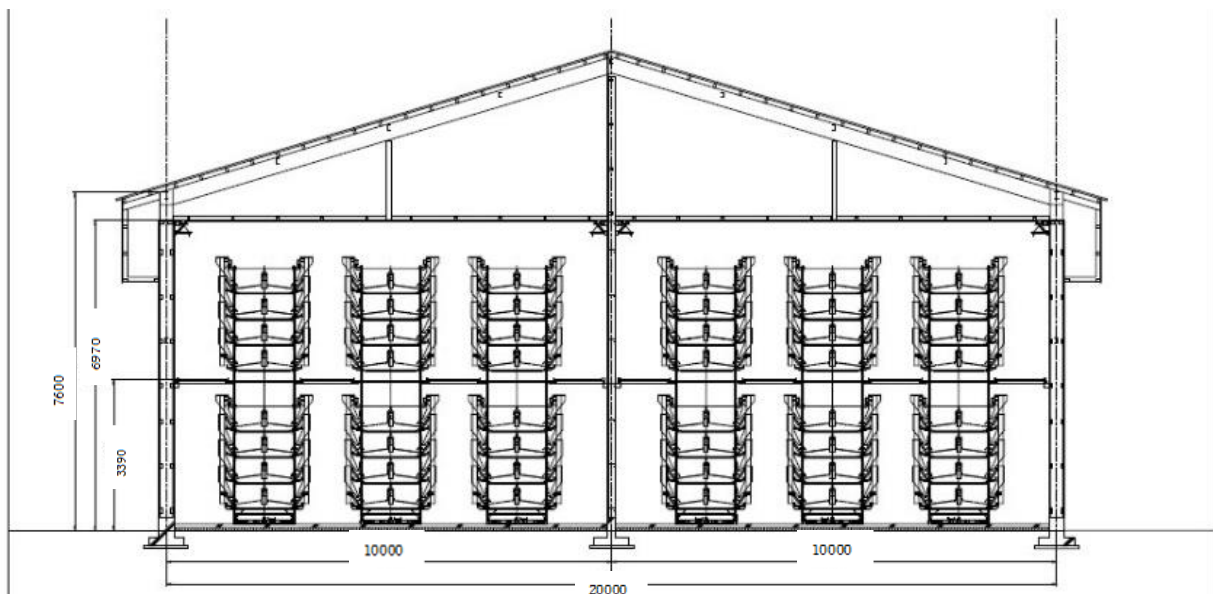


## HYTEM Installation Visit

### Fujiwara Poultry Farm

Fujiwara Poultry Farm, the biggest egg farm in Akita prefecture, is renovating the current 24,000birds/house x 22houses = 528,000birds to 50,400birds/room x 2rooms/house x 10 houses = 1,008,000birds by HYTEM EFA(Egg Farm Automation).

The renovated first house was completed last year, and the second house was completed last March. Every year, one renovated house will be finished, by which one million farm will be completed in 2027.



Each room has 3 rows of 8 tiers 73.5m cage row. Cage type is 70/64E(700width, 637depth with Eco Breeze).



22 houses before renovation.

Fujiwara Poultry Farm



## Interview



Right: Mr. Fujiwara, CEO, Owner Left: Mr. Takahashi, Farm Manager  
Interviewer: Hytem / Koizumi, Sales Engineering Area Manager

**Q :** What is your overall opinion on the renovated houses ?

**A :** We thought that the management of the facilities would become harder by 8 tiers system.  
On the contrary, it has become the easier compared to previous 3 tiers system.  
Major points are as follows.

1. By 3 zones-controlled tunnel ventilation with P plus, house temperature is being kept quite uniform in 23 to 24 Celsius from autumn through spring, whereas around 6 Celsius difference is observed at existing houses.

And TV shutter equipped at the front end of the house is helping the easier switching between the winter side inlet ventilation and the summer front air incoming ventilation.

2. Intermediate aisles and Step feed troughs on which we can step on are helping the easier flock management.

**Q :** How many persons are working at the farm ?

**A :** 8 persons are working, We have established such system that every person can work any jobs including equipment maintenances, without deciding a certain job to a certain person. We are planning to manage this farm by 8 persons even after renovating to 1 million farm.

**Q :** How about the electrical consumption ?

**A :** We are observing much less electrical consumption at renovated HYTEM 4 rooms / 2 houses, 200,000 birds. We are prospecting that the electric bill of the renovated 1 million farm will be the same amount as the existing 500,000birds farm.

**Q :** How is Feeding system ?

**A :** We are changing the feed formulation 3 to 4 times during the whole laying period. When the feed formulation changed, we need to re-adjust the feed level set point of Feed Leveler until the planned level reached. We need experience to finish this adjustment quickly.

**Q :** How is dryness of manure ?

**A :** By Eco Breeze, the dryness of manure is quite stable in around 60% water content, which is the most suitable moisture for composting.

## **New Model HYTEM Elevator GC series**

HYTEM Elevator has 3 features, realizing Ultimate Zero Cracks by automatic egg collection. One of the features is Air-cushion Gentle Bar. New Model, GC series, has following improvements.

1. The open area is provided at the lower part of Elevator for the easier and complete cleaning of Gentle Bar.





2. Semitransparent plastic cover has become available in Optional specification.



When Cooling pads are equipped, there is a tendency that Gentle bars become dirty by humidity. This plastic cover will reduce the dirt in some extent.

### **The sightseeing spot near Fujiwara Poultry Farm, Kakunodate City**



Famous cherry blossom at Samurai residential quarters

