

HYTEM Installation Visit

Marui Poultry Co-op. Group

Marui Poultry Co-op. Group is the largest layer group in Kyushu area.

The group has around 3 million laying hens by 67 egg farms besides a broiler integrated operation, with a hatchery, breeder flocks, a feed mill, an egg packing station, an egg products factory, and a trucking company. A high leveled biosecurity and stable high performed operations started in 1939 is famous in the industry.



Head Office



Mr. Okada, Chairman of Marui group



Feed Mill



Until 1995, any HYTEM equipment were not used in Marui group. After the first HYTEM installation selected, HYTEM installation has increased step by step, and currently the half of their 3 million operations are by HYTEM.

INTERVIEW with the first HYTEM user in Marui group



Mr. Hanaki, E, an owner of Takaono Farm,
700,000birds with 11 houses



Intrviewer, Minematsu,N, Area manager of Kyushu

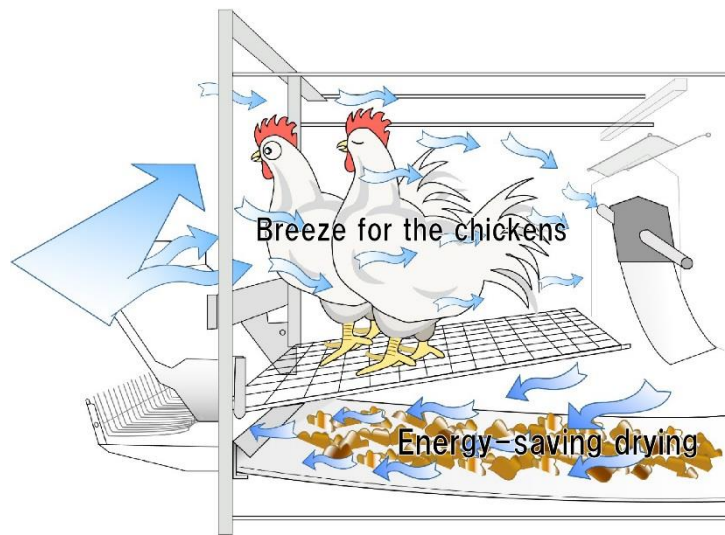


Takaono Farm No.1

Q: How is the overall farm performance status of the farms with HYTEM EFA(Egg Farm Automation) in Marui group?

A: Some farms are performing the top group performances. As for FC(Feed Conversion), all farms are having the better FC, which seems due to Ultraflex feeder.

Q: At all installations, Eco Breeze has been selected. It is said, FLAW(Feed Light, Air, Water) is the keys to reach the best birds' performances. Eco Breeze is constantly supplying fresh air to birds taking it from the aisle where the fresh air is flowing by tunnel ventilation.



Do you think, is this environment created by Eco Breeze one of major reasons contributing to the better birds performances ?

A: Yes, I do think so. It is quite theoretical, and it is supporting the better birds performances.

Q: How is your evaluation to HYTEM EFA and Hytem company attitude to working ?

A: We have the high evaluation to HYTEM EFA with the rugged structure and the easier maintenance accessibility. We are appreciating Hytem attitude listening our users' opinion. We are expecting Hytem's continued attitude and activities targeting users' satisfaction.

Q: In Marui group, some farms are using Chain feeder. How is your evaluation of Ultraflex comparing with Chain feeder.

A: We used to use Chain feeder before we selected HYTEM. We always had to replace some parts such as Corners etc. after every flock had finished. Some our Ultraflex houses are now more than 20 years. Almost all troughs have not been changed yet. Besides this system durability, following points are advantages of Ultraflex.

1. The feeding time is half compared to Chain feeder. We can shift the feeding cycles, by which the electrical peak of feeding can be avoided, that will incidentally reduce the electrical consumption.
2. Birds cannot select bigger particle of feed due to the high speed auger running. They start to eat simultaneously even ration of feed after the auger stopped.
3. It is hard for birds to play with feed due to the auger located at the bottom of the trough, which will bring the better feed conversion.

It is true, the initial investment of Ultra flex is the higher than Chain feeder, but it can be well depreciated by its advantages.



Q: HYTEM Elevator is targeting the ultimate zero crack. The first GC series, cleaning work of which improved was installed at your farm in 2018. How is your evaluation of GC series? And, we are now developing High capacity(50% higher capacity) Elevator.

A: HYTEM elevator has rugged structure, and easy to maintain, in which we are satisfied. For our farm, the current capacity is enough. When the real zero crack is realized, and the ultimate zero dirty eggs realized, such elevator is what we are wanting.

Q: We have been working on Manure drying system by the exhaust air of the windowless house for 20 years, starting from Belt dryer, Seconov, and now Plate dryer, the third generation. Seconov is being used at your farm. What is your evaluation of Seconov?

A: In our processing manure drying, Seconov is now an essential equipment to us. The system is compact, and it is contributing to our total operations. Drying manure is not much being influenced by weather. In our next investment plan, we will study Plate dryer.

Q: Please let me hear any other your opinions.

A: Let's target always one step advanced EFA, discussing each other looking for the future.

HYTEM installations undergoing



ZZ Farm Under HYTEM installation
80,000birds 9 tiers, 4 rows,



Takamatu Farm
80,000birds 8 tiers, 4 rows

Marui HYTEM Meeting

In last August, Marui HYTEM Meeting started by HYTEM users to exchange information targeting the better performances and operations.



Yasuda, Kotaro, SMD is explaining on Animal Welfare

The sightseeing spot in Marui group area

The area Marui group is located is Izumi city, which is famous for cranes' coming from the middle of October through March. It is said around 10,000 cranes in 7 kinds(15 kinds in the world) every winter from Siberia.



From a website of Izumi city



Taken by Minematsu in this week

<http://www.izumi-navi.jp/feature/tsuru.html>

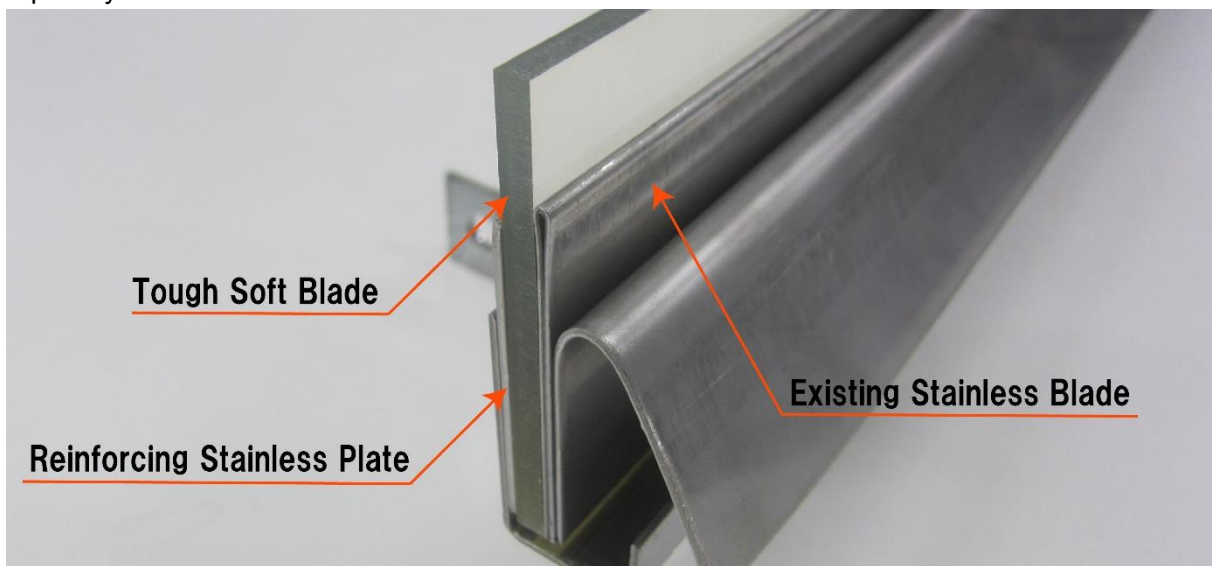
HYTEM New Development

New Manure Collector C series

Tough Soft Scraper (option)

From the field, there are such opinion that small particles of manure which have become hard like stones, or the joint of the manure belts are sometimes damaging the manure belt.

Tough soft Scraper has been developed to decrease the load to the manure belt against the hard manure particles and the manure belt joint, keeping the sufficient manure scraping capability.



Tough Soft Scraper

Characteristic of Tough soft Blade (Urethan specially selected for this application)

1. High durable characteristic against wearing, which can stand to many times manure removing.

Presumed durability of Tough soft Blade basing upon our field test.

6~7 years by weekly 3 times removing at 70m cage row length.

2. The higher elasticity, capability against the load, by which decrease the load to the manure belt.

3. The high resistance against oil and chemical.

As far as the normal cleaning of Tough soft blade kept, it will continue to work.

