



# Live bird handling



**meyn**

Poultry Processing Solutions

Meyn is the reliable and committed partner of renowned poultry processing companies in over 90 countries worldwide. With people that have the right professional skills to offer you both the flexibility and innovation. With local presence in many places around the globe. With relentless drive to help you to improve your performance by offering intelligent and situation-specific solutions. And with all the knowledge, equipment, systems and services that are critical for your success.

**Dedicated** to poultry processing  
for more than **50 years**

At Meyn, we focus on our customers' ambition to optimise their financial results while realising the right number of products of specific quality. For this purpose, Meyn presents an extensive range of processing equipment and related systems. When desired, equipment and systems can be combined to form solutions that are more integrated in nature. Meyn has been at the forefront of equipment design and innovation for more than 50 years.

# Live bird handling



As soon as broilers are ready to be slaughtered, they will be gathered, put in crates or containers and transported from the broiler houses to the processing plant.

Live birds are generally transported by truck and carried in either crates or stainless steel containers. The transport of live birds in both crates as well as containers, is subject to strict governmental regulations. The number of birds transported varies according to these regulations, but also depends on climate and size of crate or container. Meyn offers efficient systems for both crate and container transportation.

With traditional crate transportation, the crates with the birds are simply stacked on trucks for transportation. With the more modern stainless steel containers, the birds are separated by horizontal divisions only, allowing more air to circulate and reducing stress related damage to the birds.

The demands of production facilities and circumstances vary from plant to plant. That is why every Meyn live bird handling system is developed and produced customer-specific. Meyn's systems offer complete handling solutions designed for efficiency, economy and productivity.

Whatever the plant or process demands, Meyn can deliver the best solution.

# Crate system



Modern poultry crates are made of durable, hygienic synthetic materials and can be re-used many times. The Meyn crate supply system can provide high capacity handling in a variety of flexible layouts and is easily integrated into existing production lines.

Meyn's range of crate washing machines covers all crate types and required capacities. Each crate washer is provided with a multi phase washing cycle, a final rinse with fresh water and automatic disinfection. Recycling of water in the first phase, combined with separation of pollution, effectively

reduces the water and energy consumption without compromising the washing result.

Meyn's crate systems can be offered as complete solutions as well as stand alone equipment:

- Automatic destackers
- Semi automatic destacking lift
- Crate weighing systems
- Crate presoak and washing systems
- Automatic crate stackers
- Various types of crate conveyors

# Drawer system



The Meyn drawer system combines robust design and reliable operation with careful handling of the live birds. The highly accessible open top drawers are placed in reinforced mild steel module frames that are optimised for fork lift handling.

Once placed in the drawer, the birds remain there until they arrive at the hanging platform in the processing line. All throughout the transport cycle the handling of module and drawers is gentle and smooth, avoiding stress and injuries.

After hanging the live birds, drawers and module frames are washed in separate cleaning lines. Process water is recycled where possible, ensuring a limited water and energy consumption as well as an excellent cleaning result.

The controls of the equipment are integrated in a single centrally placed cabinet. Operators are provided with a touch screen panel with a convenient and multi lingual menu structure.

# Container system



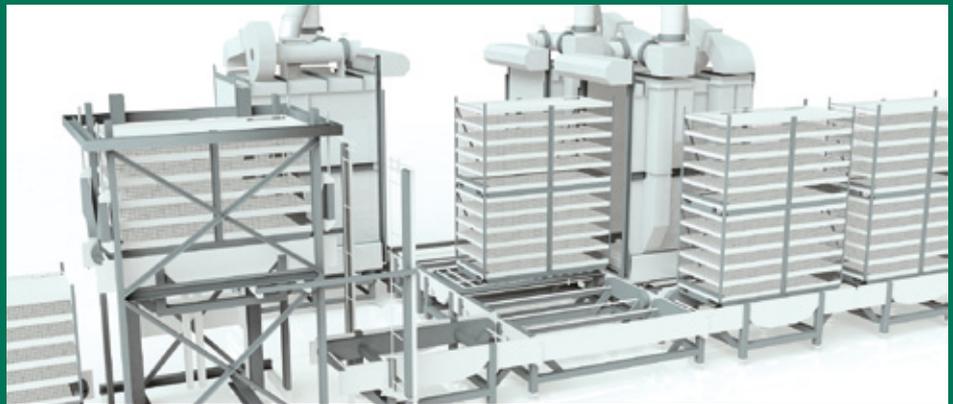
The Meyn container system provides the largest net floor space for transport of live poultry. In the growing house, the widely opening compartments ensure a fast and safe loading of the live birds. The open sides of the container provide plenty of fresh air during transport. The design of the container is optimised for effective cleaning after each cycle.

The equipment in the processing plant is robust and fit for the wet and dirty conditions.

Moreover the handling of the containers is well controlled and smooth, thus reducing bird stress and the risk of damage to the containers. Extensive container washing facilities ensure a perfect clean container.

The controls of the equipment are integrated in a single centrally placed cabinet. A user friendly touch screen panel provides the operators with a convenient and multi lingual menu structure.

# Multi stage gas stunning



Next to traditional stunning in a water bath, Meyn now introduces the Meyn multi stage gas stunning system. This new stunning method can be combined with the Meyn drawer system as well as Meyn's container system. The required floor space is limited and all logistics are incorporated.

The new Meyn multi stage gas stunning system offers several important benefits. As the birds remain in the drawer or container during stunning, the processing and transport of active birds is completely eliminated. This largely reduces handling stress and damage to the birds. The closed cabinet construction

allows for the CO<sub>2</sub> concentration to be managed perfectly in every stage of the process. This ensures a humane stun and greatly improves product quality.

Using the Meyn multi stage gas stunning system, you are assured of a higher yield through less trimming loss and less B grade birds, as a result of the improved quality of the breast fillet and wings (less blood spots). Furthermore, the system considerably enhances the working conditions and safety of your personnel and improves animal welfare conditions, meeting the ever increasing public and customer demands.

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