

FEED DELIVERY SYSTEMS

The feed delivery system is designed to ensure efficient, reliable, and uniform feed distribution across the entire poultry house. By integrating precision conveying technology with automated control, it minimizes feed wastage while maintaining consistent feed supply, supporting optimal bird growth and farm productivity.



Advantages

- Large-capacity bulk bins are positioned at the perimeter of the farm site. Feed is transferred via augers in a relay system, and each central bin can discharge material independently.
- Distribution bins are located between every two poultry houses.
- Two houses share one set of distribution bins, which are equipped with a batch weighing system to achieve targeted and quantitative dispensing into the equipment's hoppers.
- Feed is delivered in bulk by tanker trucks directly from the feed mill to the farm's perimeter for direct filling of the bins.
- This process eliminates the need for feed vehicles to enter the inner farm area, significantly enhancing biosecurity.



- A high-performance, heavy-duty auger system engineered for superior durability.
- Multiple pipe diameters available to match various required feeding rates.
- Integrated limit switches provide reliable motor overload protection.

PAN FEEDING SYSTEMS

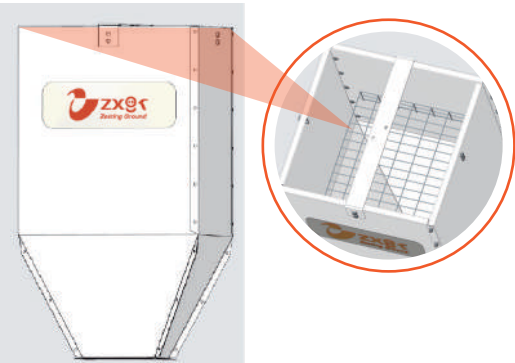
New Zesting Technology delivers comprehensive broiler system solutions, encompassing steel structures, advanced feeding and drinking systems, ventilation, and intelligent control systems—designed to enhance poultry health, optimize operational efficiency, and maximize farm productivity.

Parameter Table

House Size	Feeding Line	Drinking Water Line
120m x 12m x 2.4m	3	4
120m x 15m x 2.4m	4	5
120m x 18m x 2.4m	5	6

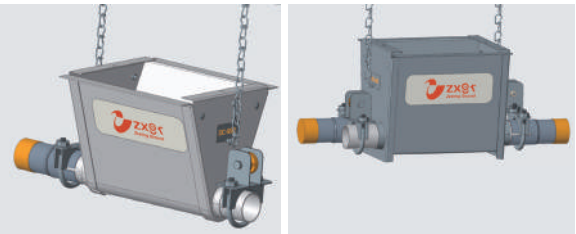
Advantage

- Advanced environmental control systems, precisely adapted to local climate conditions for optimal bird performance.
- User-friendly, highly automated controller ensuring accurate, consistent, and efficient farm management.
- Optimized feeding pan and grill design minimizes feed wastage while preventing blockage and ensuring smooth feed flow.
- Critical components sourced from globally recognized brands, ensuring superior reliability and long service life.
- High-quality imported auger system reduces feed particle breakage, preserving feed integrity and improving feed conversion efficiency



Feeding Hopper

- Capacities available: 50kg / 100kg / 150kg / 200kg.
- Galvanized with 500-hour salt spray resistance — durable for indoor use, rust-free up to 5 years.
- Optional lid for material box.
- Built-in filter screen prevents spiral feed line blockage.



Poultry Boot

- Available in single or double boot.
- Galvanized plate with 500-hour salt spray resistance — rust-free for up to 5 years.
- Easy connection to feeding hopper for quick disassembly.
- Built-in anti-clogging design for smooth operation.
- High-quality bearings and pin-shaft tail fixation ensure stability and reliability.



Feed Line Auger

- Auger conveying length up to 120m.
- Tube diameter: 45mm.
- Wall thickness: 1.2mm.
- Customizable hole pitch to meet different feeding requirements.
- Material: High-quality galvanized steel.
- Salt spray resistance up to 500 hours.
- Built-in expanded tube ends for easy connection.

Advantage

- Enables efficient feed distribution across large-scale poultry houses.
- Excellent corrosion resistance, ensuring up to 5 years of rust-free performance in indoor environments.
- High-strength, precision-engineered tube ensures smooth, consistent, and controlled feed discharge.
- Works seamlessly with the auger system to minimize feed blockage and maintain uniform feeding.
- Reinforced anti-deformation opening design enhances durability and operational stability.
- Easy installation and alignment, reducing setup time and labor cost.



Feeding Tray

- Constructed in a single piece for exceptional strength.
- Large feeding area (565*360mm) to serve more birds.



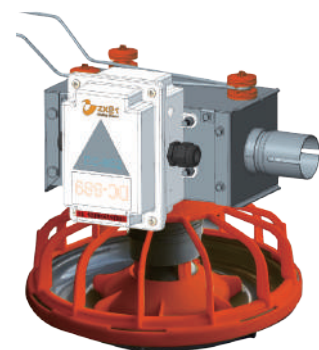
Hardware Accessories

- Galvanized steel plate material, salt spray test can reach 500H, meet the environmental requirements for indoor use, can be 5 years without.



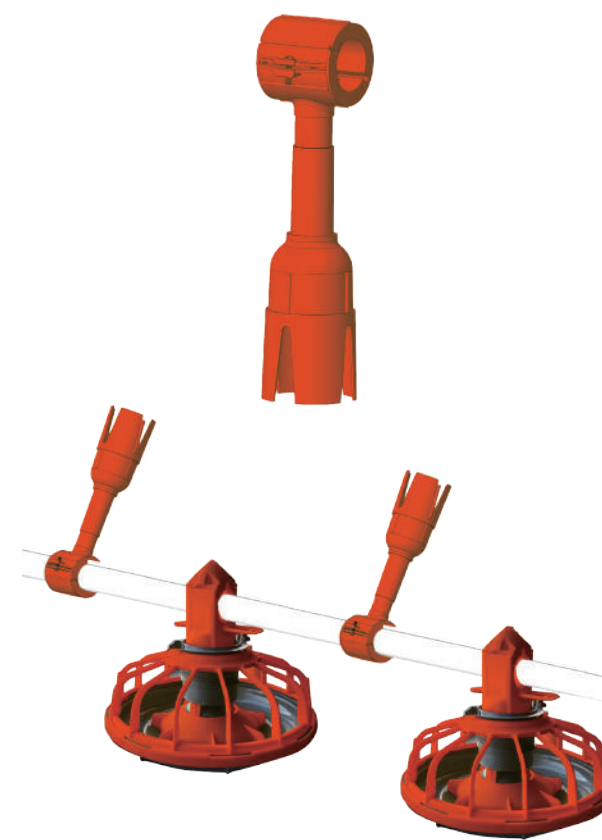
Broiler Pan Feeder

- The product is made using a PP injection molding process, ensuring a smooth surface finish and excellent structural stability.
- The feed quantity is adjustable with six levels, corresponding to the feed amounts shown in the left image.
- The feed pan is suitable for all growth stages, from chicks to adult chickens, offering high adaptability.
- The inward-curved edge design prevents feed spillage and effectively reduces waste.



End Control Pan

- Full-load switch automatically stops operation once the desired feed level is reached.
- End control pan equipped with a current booster to reduce feed blockages at the line's end.
- Feed volume adjustment corresponds to the settings on the feed tray.
- Optional electric shocker line prevents birds from standing on the feed pan.



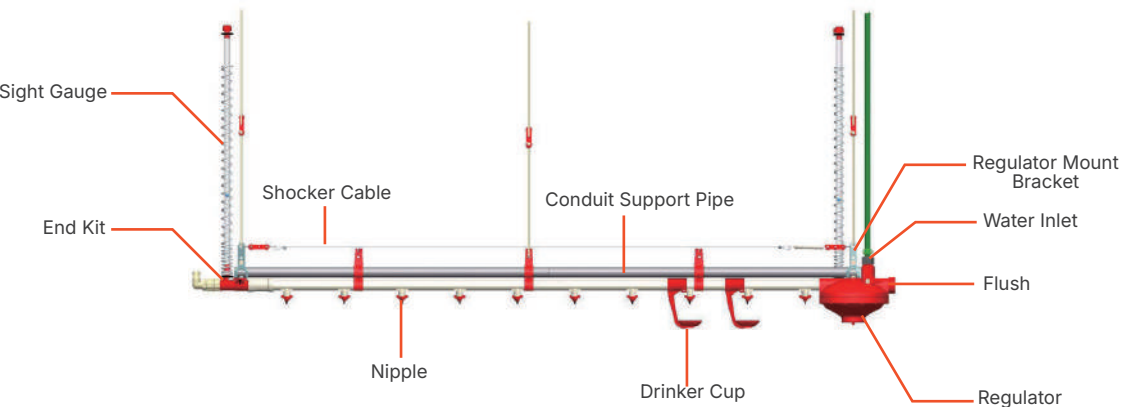
Rotating discharge three-way valve

- Compatible with reinforced feeding tubes.
- Height is adjustable to ensure a consistent feed level.
- Designed to rotate upward when not in use, eliminating the need for disassembly and reducing labor and installation costs.

WATERING SYSTEMS

Watering Line Components

This system incorporates an innovative ball valve mounted on a toggle pin, enabling a full 360° side-to-side activation within the nipple. This design enhances drinking accessibility up to 4 times easier for birds to drink. Precision metering ensures consistent water flow, while the snap-on drip cup minimizes spillage and keeps litter dry.

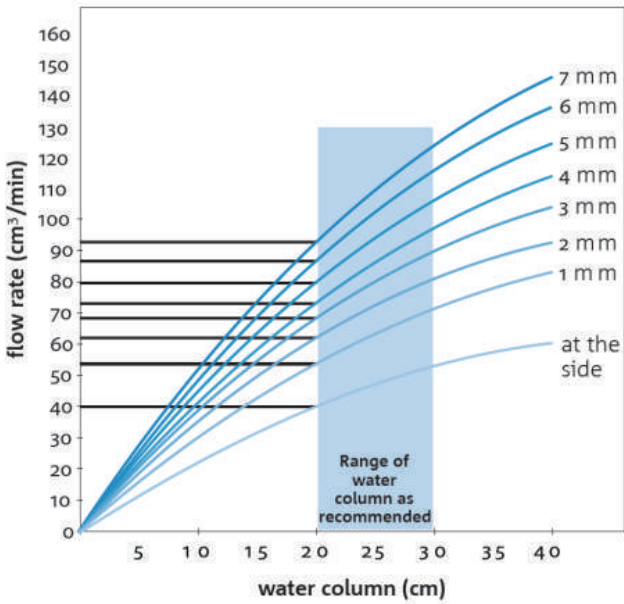


Feather Soft Combi Nipple



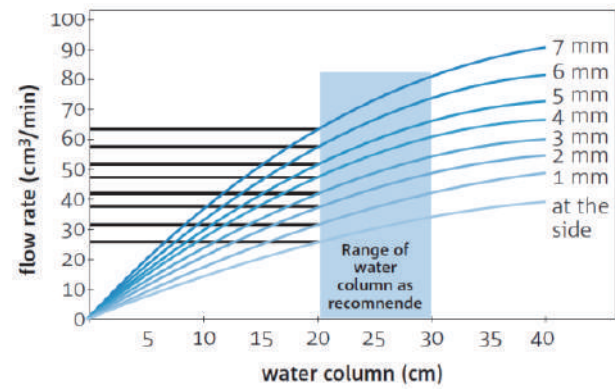
High Flow

- Used with drinker cup
- 360 degree action

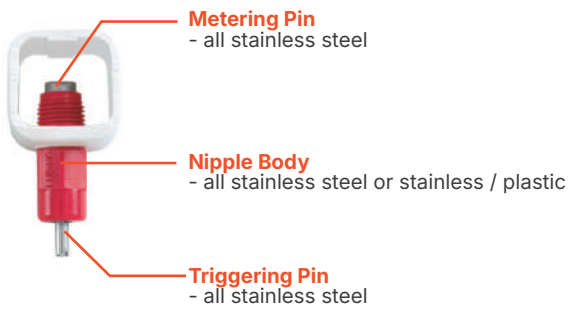


Standard Flow

- Does not require cup
- 360 degree action (cups recommended)



Nipples consist of the following parts:



Simplistic Design

The unique three-part patented design reduces the risks of problem risk. New Zesting Technology drinkers are manufactured with state-of-the-art, high precision technology and DO NOT REQUIRE steel balls, O-Rings or seals.

Square Pipe Advantage

The square water pipe always maintains the nipples in a vertical position. Systems with round water pipes tend to rotate leaving the nipples twisted and affecting water flow. New Zesting Technology water pipe is white with thick walls resulting in a strong design while at the same time helping maintain a cooler water temperature in the system.

Pre-Assembled Sections

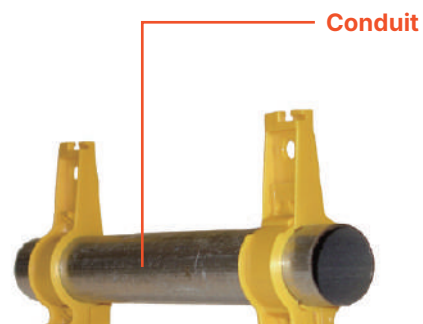
New Zesting watering sections ship our factory pre-assembled making installations quick and free of problems from poorly assembled components.

External Couplers

New Zesting sections are connected with external PVC expansion connectors and stainless-steel crimp rings. Other systems incorporate an internal connector that reduces water volume inside the pipe.

Drinker cups

One-arm and two-arm cups are available for use with all nipples.



Conduit

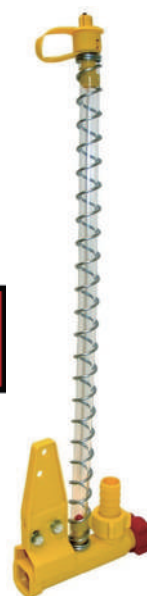
Watering Replacement

New Zesting Technology watering sections can be adapted to any existing system. Plastic adaptors snap onto existing conduit or aluminum rails. The square pipe is adapted to the watering line utilizing existing components such as the suspension, regulators and end line assemblies.



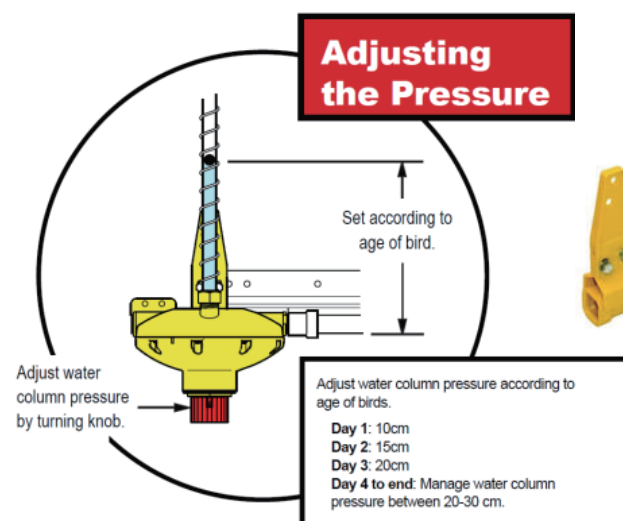
Pressure Regulator

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Pressure Regulator

The New Zesting Technology pressure regulator has built-in flushing capabilities with the simple twist of a knob. Water pressure is easily adjusted with the regulator knob located underneath the unit. The clear flexible standpipe with float ball offers accurate and precise water pressure adjustment.



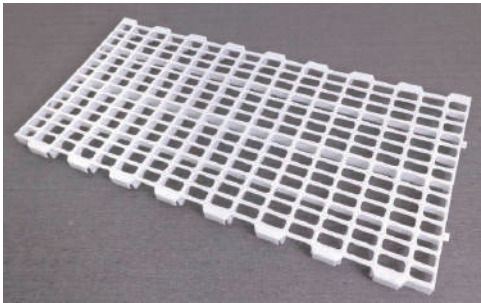
IMPORTANT:

Adjust water pressure according to litter conditions. Increase water pressure if litter is dry and decrease if litter is too wet. Litter should be slightly damp.

FLOORING SYSTEM

Plastic Slat

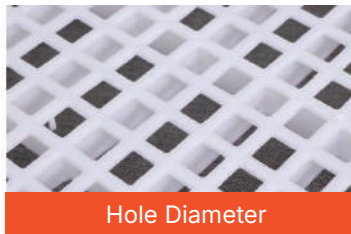
- Made from pure PP, it is odorless, chemically stable, corrosion-resistant, non-absorbent, and easy to clean and disinfect.
- The rounded-edge design allows for easier and more thorough flushing. The product is installed via support beams for simple assembly, and features adjustable support legs that ensure leveling while accommodating the required rearing height for different poultry types.
- The upper leg connectors offer up to 10 cm of height adjustment to compensate for uneven floors during installation. The slatted floor panels are designed to resist burrs, warping, and bending, while providing moderate flexibility. These features collectively enhance breeding management conditions for both breeder and commercial chickens.



Specification	
Size	1000 × 500 × 40mm
Weight	1700g / 1900g
Aperture	20 × 24mm / 25 × 50mm
Application	Broilers



Reserver Side With Rib



Hole Diameter



Snap

ENVIRONMENTAL CONTROL SYSTEMS

Seamless Climate Control | Rapid Response | Broad Adaptability

Environmental Control System for Livestock Farms, integrating ventilation, cooling, heating, misting, and lighting with advanced electrical automation, designed to deliver precise indoor climate control for poultry and livestock housing.

Leveraging multi-sensor input, the system dynamically adjusts localized environments by processing data against predefined and customizable parameters. Its automated control algorithms actuate equipment to modulate airflow, temperature, humidity, mist dispersion, and illumination-ensuring precision in electrical system management.

