



Pullet Rearing Cages



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Stacked Pullet Rearing Cage Features & Benefits

(Many other cage sizes and number of tiers available upon request)

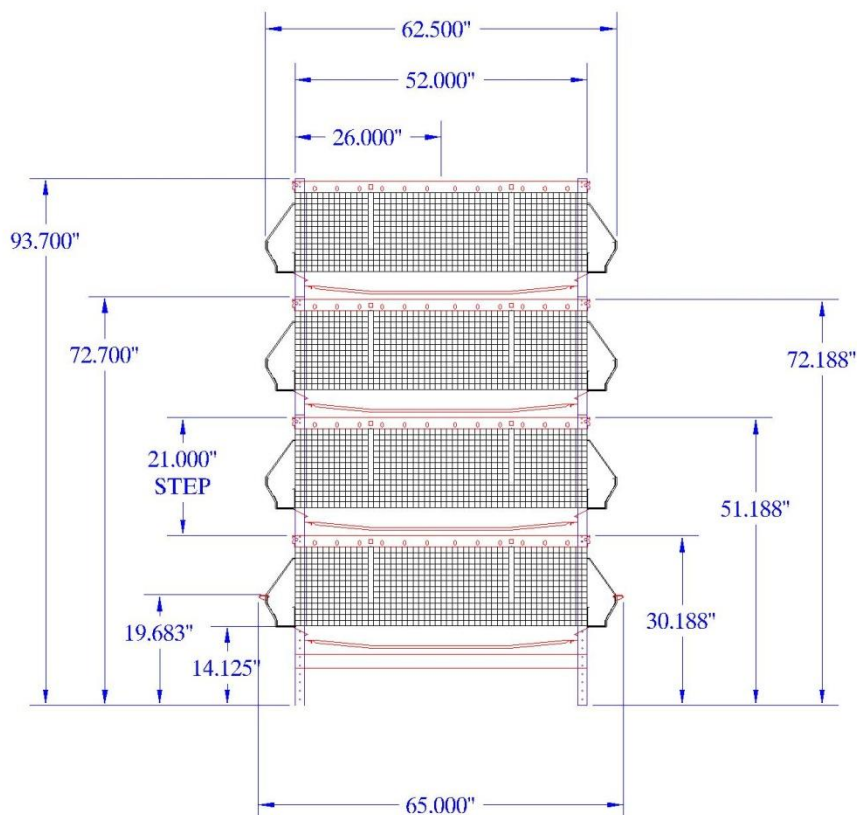
Cage Dimensions:

- Width 30 inches
- Depth 26 inches
- Height 16 inches
- Door Height 8.755 inches
- Door Width 14" door openings (2 per cage)
- Cage Area 780 sq. in.
- Birds per cage 15 @ 52 sq. in. per bird

Cage Floors:

- Material Used 14 Gauge Galvanized After Weld Wire Mesh
.5" x 2" start tiers and 1" x 1" grow tiers
Tensile Strength – 107,000 PSI (737,743 kilopascal)
Weld Shear – 440 lbs. (199 kg)
Zinc Coating Weight – 1.03 oz. per foot (20 grams)

Note: Galvanized After Weld wire mesh is hot dipped galvanized after the welding process.



Pullet Cages – Start and Grow Tier

- 10' cage row sections with stands every 5'
- the cage legs are manufactured using 14 gauge galvanized steel and are formed into a 1-3/4" U-channel
- adjustable feet are used for cage leveling – plus or minus 1.5"
- interlocking sliding doors on cage fronts – doors can be opened independently for easy access and visibility of the birds – one hand operation (*spring loaded push in doors also available*)
- cage fronts designed to meet the requirements of day old chicks
- **.5" x 2"** 14 gauge (2mm) Galvanized After Weld (GAW) floors in the start tiers
- **1" x 1"** 14 gauge (2mm) Galvanized After Weld (GAW) floors in grow tiers
- **1" x 1"** 14 gauge (2mm) Galvanized After Weld (GAW) backs and dividers in the start tiers
- **2" x 1"** 14 gauge (2mm) Galvanized After Weld (GAW) backs and dividers in the grow tiers
- 2 floor support wires under each cage floor provide a walking effect reducing bird leg and foot injuries
- Galvanized steel step rails *installed on the front edge of the feed trough*, provide a step to view upper tiers as well as protection from damage by bird carts (optional)



Feeding – Start and Grow Tier

- FDI Pillar Feed Manifold – one common manifold supplies all levels of feed trough with a feed recycling wheel on each tier
- The recycling wheel mixes uneaten feed with fresh feed during the feeding cycle
- The **start tiers** use the peep hole feed trough design with an adjustable bird restrictor for the start tiers
- this design allows day old chicks to eat directly from the trough
- the feed trough is fastened outside the cage which eliminates entry by birds preventing droppings from contaminating the feed
- a feed plate located on the cage floor behind the feed trough on the 2 start tiers helps day old chicks locate feed in the feed trough
- FDI feed trough and trough hangers will easily support the weight of an average size worker, allowing for all levels of feed trough to be used as a step
- the bird restrictor is simply adjusted by means of a winch at the cage row end to easily match bird growth
- the **grow tiers** use a standard high lip feed trough without peepholes or restrictor and is designed to allow birds to eat over the trough back at approximately 4 to 5 weeks of age
- Direct drive motors and gear boxes will drive the FDI feed chain, delivering feed at 20', 40' or 60' per minute – size and quantities determined by length of row and number of tiers



Manure Removal

- The drive units are constructed from a galvanized steel frame assembly and shipped pre-assembled for ease of installation
- Curtains on the drive units direct the manure to the cross pit below
- A .040” (1mm) thick UHMWPE belt contains and transports the manure from each tier
- The drive unit is designed to power manure belts in excess of 500 foot rows with minimal belt tension – greatly reducing stress on the belt and seam
- A minimal number of motors and gear boxes per row are used to power the manure belts **at 15 feet per minute**
- Extra wide manure rails help prevent manure from entering the cage or feed trough of the tiers below



- The manure belt idler end incorporates an auger cleaner system **powered by the idler roller** which removes dirt and feathers from between manure belts (optional)



- The manure belts are driven by 6” steel drive rollers (vulcanized rubber rollers optional) and **powered rubber pinch rollers** provide positive traction



Watering – Start and Grow Tier

- Lubing stainless steel 360 degree nipple watering
- 2 nipples per cage spaced 15” apart in start tiers with 2-22mm water lines for each start tier (shown with optional cups)
- the adjustable water pipe runs through the cage providing adjustable watering in the start tiers
- the height of the water pipe is simply adjusted by means of a winching system at the end of the cage row to easily match bird growth in the start tiers
- grow tiers have one shared 28mm pipe per tier located over the cage back with 10” nipple spacing and drip trough
- Lubing pressure regulator and stand kits and flush breather kits



Proven Durability and Reliability from FDI Cage Systems