FDI CAGE SYSTEMS

A-FRAME LAYER CAGES

Proven Durability and Reliability from FDI Cage Systems

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A-Frame Layer Cage System Features & Benefits

(With Manure Drape)

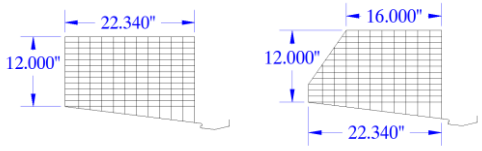
(Many other cage sizes, number of tiers and leg angles available upon request)

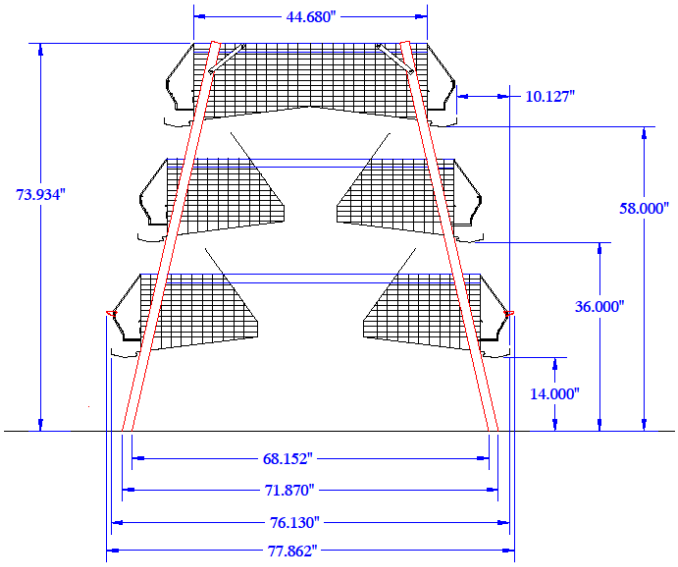
Cages:

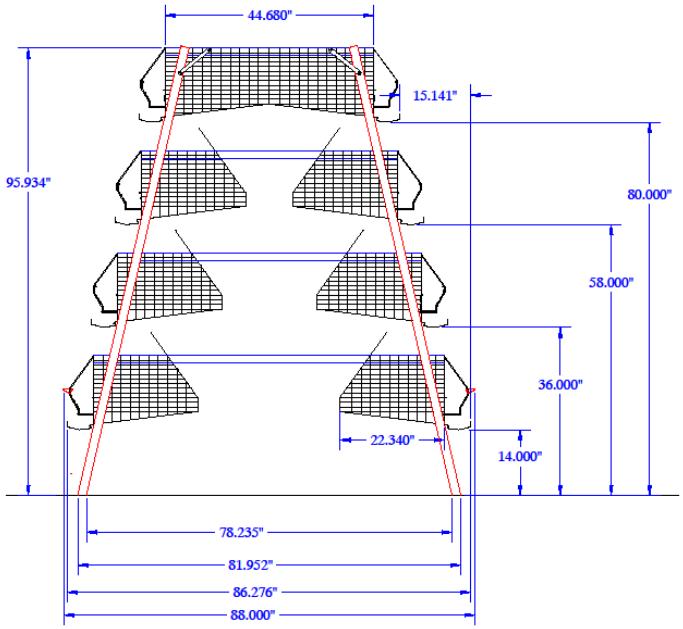
- Cage Width — 24 inches
- Cage Depth — 22.34 inches
- Height (back of cage) — 12 inches
- Height (front of cage) — 14.875 inches
- Floor Slope — 7 Degrees
- Door Height — 6.875 inches
- Door Width — 23.75 inches
- Cage Area — 536.15 sq. in.
- Birds per cage — 8 @ 67 sq. in. per bird

Cage Floors:

- Material Used — 1” x 2” 14 Gauge Galvanized Wire Mesh
  Tensile Strength – 107,000 PSI (737,743 kilopascal)
  Weld Shear – 440 lbs. (199 kg)







Square Back Cage without Manure Drape

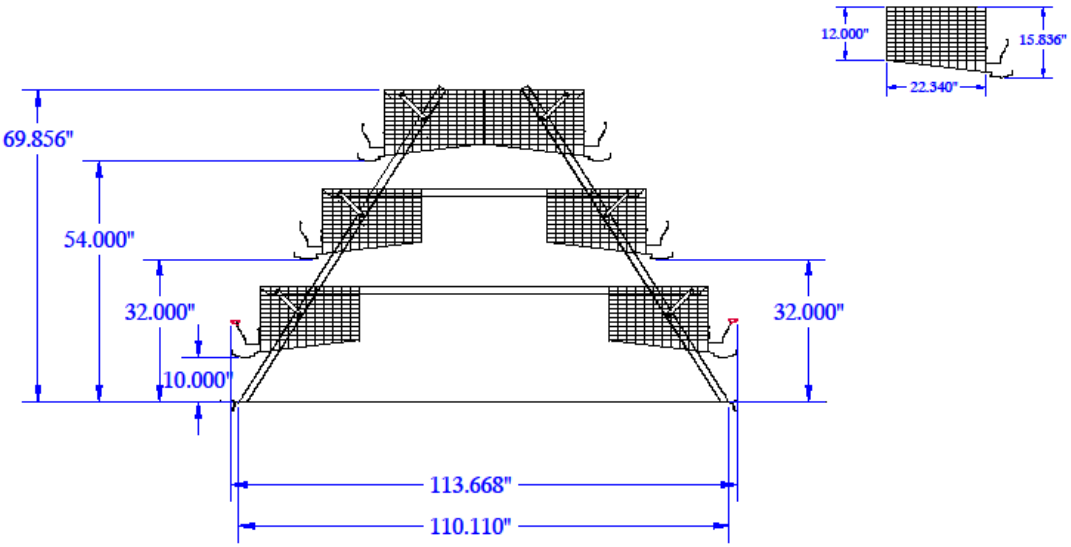
(Many other cage sizes, number of tiers and leg angles available upon request)

Cages:

- Cage Width — 24 inches
- Cage Depth — 22.34 inches
- Height (back of cage) — 12 inches
- Floor Slope — 7 Degrees
- Door Height — 6.875 inches
- Door Width — 23.75 inches
- Cage Area — 536.16 sq. in.
- Birds per cage — 8 @ 67 sq. in. per bird

Cage Floors:

- Material Used — 1” x 2” 14 Gauge Galvanized Wire Mesh
  Tensile Strength – 107,000 PSI (737,743 kilopascal)
  Weld Shear – 440 lbs. (199 kg)
  Zinc Coating Weight – 1.03 oz. per foot (29 grams)



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A-Frame Layer Cages – Standard features and benefits:

- 8’ cage sections with legs every 8’
- cage legs are manufactured using 14 gauge galvanized steel and are formed into a 1.750” “C-Channel” for maximum strength with 8’ leg spacing
- full width sliding doors make for easy access and visibility to the birds – one hand operation
- horizontal door wires help prevent feed loss by preventing hens from tossing feed out of the trough
- cage floors, backs and egg trays are constructed using 1” x 2” **galvanized** 14 gauge wire mesh
- truss wires attached to the a-frame cross bars support the cage back of each tier reducing the potential for cage fatigue
- two floor support wire under each cage floor (cage front to back wires)
- slant back cage design with manure curtains
- woven polyethylene curtain material is held in place by 8’ lengths of a PVC fastener and is supported by the extended cage back wire (curtain not shown in picture)
- the extended cage back design reduces installation time – the curtains can be installed on the cage before the cage section is assembled
- the extended cage back provides extra support which prevents curtains from sag reducing the amount of manure on the curtains – short hooks and clips are not required
- Galvanized steel step rails ***installed on the front edge of the feed trough*** provide a step to view the upper tiers as well as protection from damage by bird carts (optional)

Watering:

- Two 22mm square water lines per tier
- Lubing stainless steel 360 degree nipple drinker watering system
- the water line is located on the cage top on 2” water pipe stands which raise the water pipe to the ideal drinking height
- drinker spacing is 24” – one nipple drinker per cage (optional 12” nipple spacing)
- Lubing pressure regulator and flush end assemblies

Manure Handling

- Choice of floor mounting low speed manure belts, shallow pit scrapers (see a-frame manure handling section) or high rise layer house concept