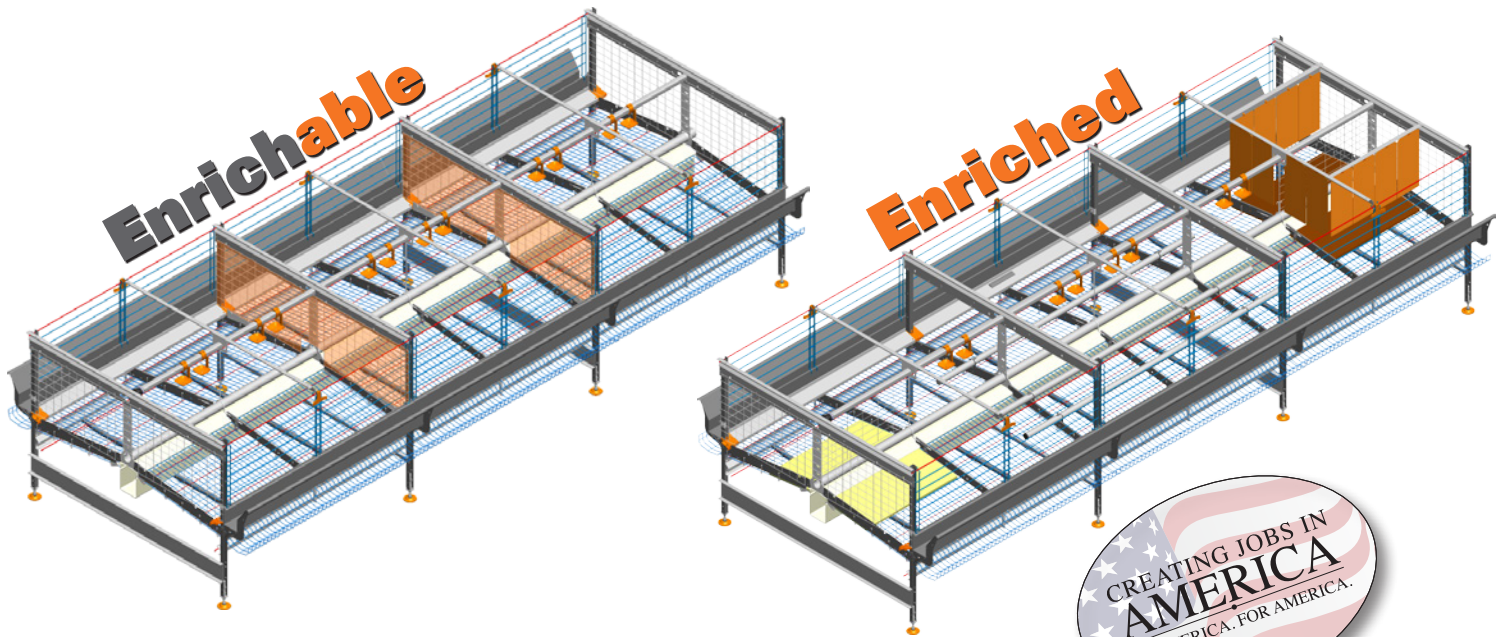




# Big Dutchman®

## Real Space. Real Results!



**Space transforms the way we move  
about in our AVECH system.**

# AVECH®

**Adaptable Versatile Enriched Colony Housing**

A Versatile Enhanced Layer House or Enriched Colony Housing System

## AVECH II - Adaptable, versatile, reliable, animal friendly and hygienic egg production system.

AVECH II is a layer house system which gives you the ability to start off with an **Enrichable** system, and then move into a completely Enriched system when you're ready. The **AVECH II** is designed to **meet and adapt to the complexities of the different markets you serve, and the continued regulatory changes your business faces.** Versatility and adaptability is designed into this unique colony housing system. **AVECH II** allows for a wide range of operating flexibility from a normal layer type housing system to a fully functioning **enriched colony housing system**. The **AVECH II** system **meets today's market conditions while providing the necessary optional features to meet future needs or requirements.**

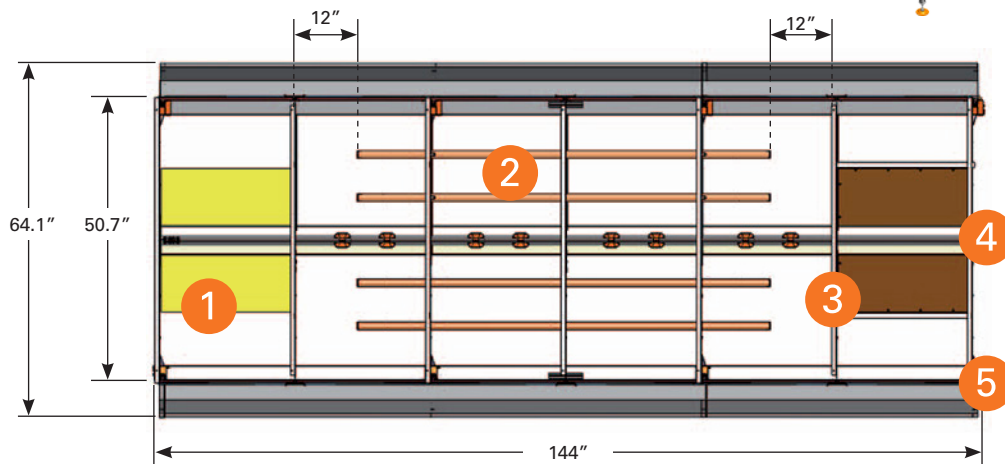
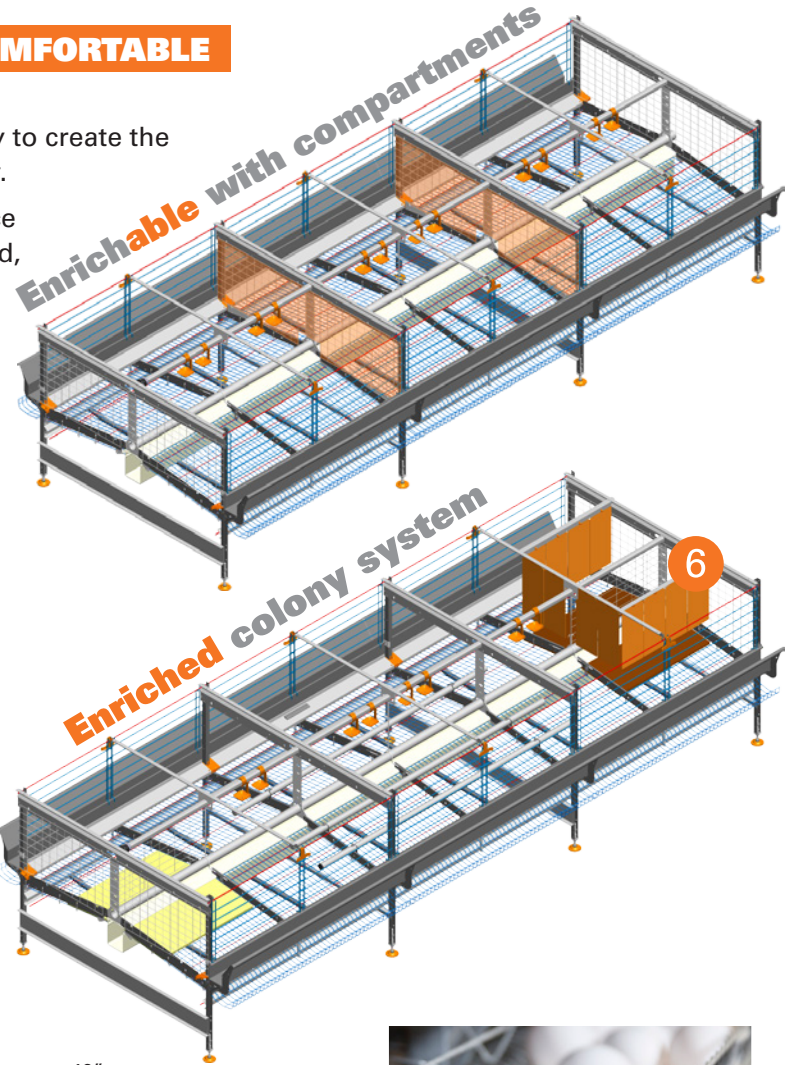
### THE FLOCK USES SPACE TO CREATE A COMFORTABLE ENVIRONMENT

The AVECH system is all about how the birds move freely to create the space they want, or to group closely together as a colony.

The AVECH offers plenty of space for your flock to practice their natural behaviors, such as perching, roaming around, spreading their wings, and preening their feathers. The ENRICHED system also provides a nesting area, additional perches, and a scratch area.

#### Items To Make An Enriched System

- 1 Litter Mat
- 2 Perches
- 3 Nest Mat
- 4 Flexible Auger
- 5 Egg Saver & Scale
- 6 Nest Curtain



Part of the Enriched system is the patented **WIN4** egg scale system. This revolutionary system advances the egg belt according to pre-determined weight targets, thereby minimizing damaged eggs while providing balanced egg flow.

## ADVANTAGES AT A GLANCE:

- The well researched and proven AVECH II system is the perfect basis for profitable, high quality egg production. **Advantages include:**
  - Sophisticated technology
  - High laying performance and clean eggs
  - Very low percentage of cracked and hairline cracked eggs
  - Healthy hens resulting in low mortality
  - Superior feed conversion
- High function and reliability of all supply and removal systems (feed, water, egg belts, manure belt ventilation and manure removal)
- Layer height is 17.7" center - 21.10" outside
- Entire AVECH II front consists of sliding doors, which can be easily opened to move the hens in and out in an animal friendly manner
- Galfan coated wire ensures high corrosion resistance and a longer lasting system
- Bottom grate has a mesh size of 1" x 1.5", with an incline of only 12% or 7°, and is placed on tension wires for excellent egg quality
- Manure belt ventilation ensures optimal drying of manure, low ammonia emissions inside the barn, and dry, spreadable & storage stabilized manure

## FEEDING OPTIONS:



The chain safely conveys feed to the birds

The **Champion™ Chain Feeding System** is the most reliable and cost effective feeding system in the marketplace.

The Champion™ Chain presents feed at pre-set levels and allows birds easy access to feed.

- The large-capacity trough with inner rim minimizes feed loss
- The narrow feed column without legs saves space and allows for easy cleaning



Cascade feed column prevents feed bridging

**Feedcart** cable driven system available.

## WATER SUPPLY IS HYGIENIC AND OFFERS A SUFFICIENT SUPPLY OF DRINKING WATER:

Fresh drinking water is supplied through nipple drinkers, with each compartment equipped with stainless steel nipples, providing every hen with easy access to water at any time. Drip water cups prevent corrosion and help to keep the manure dry.



## NEST WITH INSERT AND CURTAIN FOR UNDISTURBED EGG LAYING:



The nest is obscured by a flexible curtain to ensure that the hens are not disturbed when laying their eggs. The nest is situated in the back half of the colony, providing birds full access to the feed trough. Colony compartments are equipped with additional grating above the Augermatic tube, preventing hens from perching on the tube, keeping the nest inserts clean. Perforations in the surface of the nest insert enhance its self-cleaning abilities. To facilitate the cleaning process after each batch, the nest mat can easily be removed and inserted again as it is simply hooked into the bottom grate. The litter mat is attached in the same manner.

- No perch in the nest area
- Birds are unable to stand in the nest area and feed at the same time

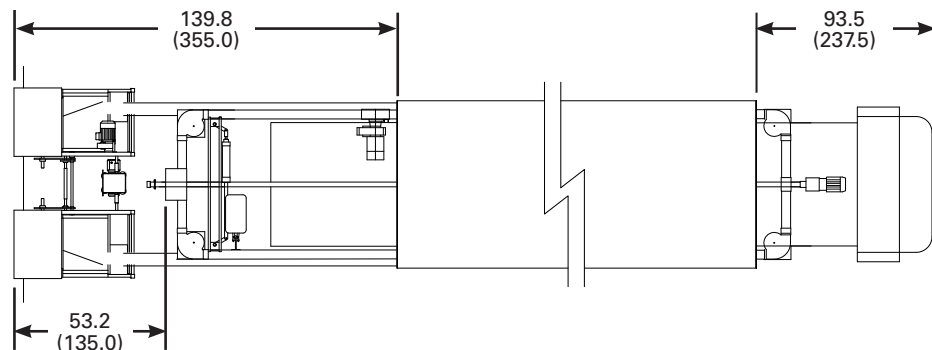
## HOUSING SPACE DIMENSIONS

### AVECH II/a System

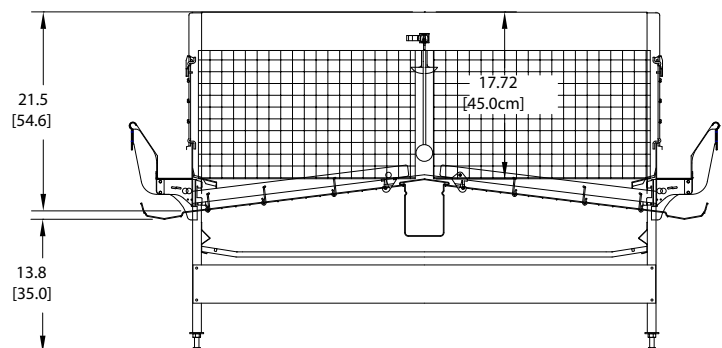
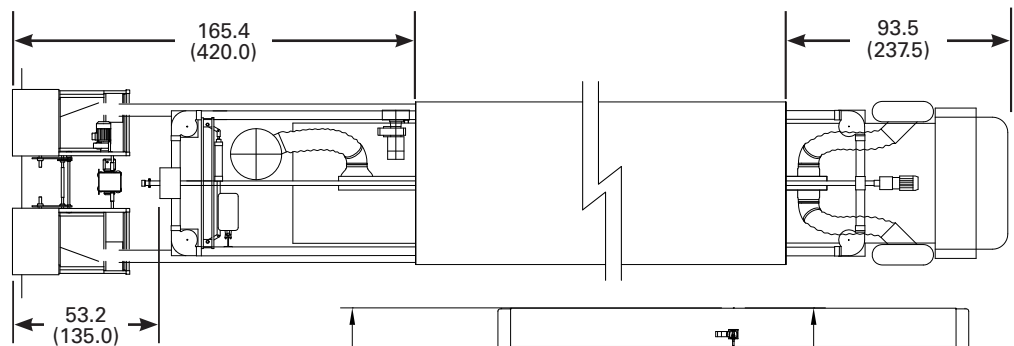
	Enriched	Enrichable
Block Dimensions: in (cm)	61 Birds/Comp.	36 Birds/Comp.
Length: in (cm)	144.0 (365.8)	48.0 (121.9)
Width: in (cm)	50.7 (128.6)	
System Width (trough to trough) with or without small air duct: in (cm)	64.1 (162.7)	
Minimum Height Inside System: in (cm)	17.7 (45.0) center - 21.5 (54.6) outside	
System Surface: in <sup>2</sup> (cm <sup>2</sup> )	7,293.6 (47,055.3)	2,431.2 (15,685.1)
Floor Space / Bird: in <sup>2</sup> (cm <sup>2</sup> )	119.5 (771.4)	67.5 (433.5)
Trough Access / Bird: in (cm)	4.7 (12.0)	2.7 (6.8)
Birds / Nipple	7.6	9
Perch Space / Bird: in (cm)	6.3 (16.0)	-

No. of Tiers	System Row Profile Height: in (cm)	Clearance Under Catwalk Support: in (cm)
3 Tiers	89.6 (227.5)	-
4 Tiers	116.0 (294.5)	-
6 w/(1) catwalk	184.5 (468.5)	90.4 (229.7)
9 w/(2) catwalks	279.3 (709.5)	90.4 (229.7)

EGGCELLENT collector,  
front and Rear  
Endset **Without Air**



EGGCELLENT collector,  
front and Rear  
Endset **With Air**



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Technical details are subject to change. 5/2017

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