

ANKA KÜMES

# BROILERS CAGE SYSTEMS





### **\* CAGE SYSTEM TECHNICAL SPECIFICATIONS**

- Broilers are easily transported and cleaned thanks to the base plates designed in drawer system.
- 275 gr/m<sup>2</sup> zinc-coated galvanized sheet of Tezcan and/or Assan brand is used for the frame of the cage.
- Beams on the frame of the cage are made of 2 mm galvanized sheet. Side traverses and mirrors are made of 0,90 mm galvanized sheet. All sheet accessories are processed on punch, laser and cnc machines.
- A comfortable ground is provided even for newly-born chickens thanks to high-density polyethylene material used on the bases of the cage.
- This material used on the bases of cage divisions provides important advantages in terms of ventilation, manure transfer and protection of ammoniac burns.



### **\*CAGE FEEDING SYSTEM**

- Feeding consists of spiral poultry feeder system and there are 2 plate poultry feeders for each division.
- Feeding system can be lifted and lowered by a crane depending on the age of the chicken.
- Even one-day chicks are able to reach the feed stuff easily thanks to specially designed poultry feeders.
- A system automatically stopping feed distribution thanks to the switch at the far end of the coop once the poultry feeders are full is available.







### **\*CAGE DRINKING SYSTEM**

- 2 line drinking bowl for each division and 14 ball nipples are used in one division; primarily, 7 nipples for each division in each drinking bowl.

\*2 pressure regulators are available on each watering line.

-Water coming from mains water system is sent to the drinking bowl pipes in appropriate pressure by the reservoirs.



### **\*CAGE MANURE REMOVAL SYSTEM**

-Manure is carried by Polypropylene plastic manure band which is located below each floor and takes the manure lying along the cage.

-Movement in carriage is ensured by reducer motors located separately for each floor.

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-Manure is perfectly transferred by the scrapers located on each floor over the discharge band at the end of the poultry house.

-A protective cover is installed so as to prevent contamination arisen from splash of the manure at the back of the cage systems.



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## \*broiler evacuation system

-When it is time to remove the broilers, specially designed base plates with drawer are opened manually and the chickens are allowed to drop to the cleaned manure band.

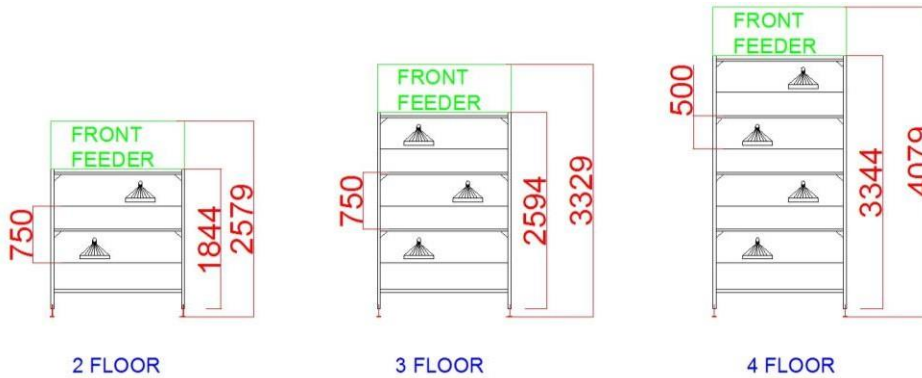
-Broilers coming from the manure band are transferred to another broiler transport conveyor and then, to the truck.



BROILER CAGE MODELS	ANKA BRO -2	ANKA BRO -2	ANKA BRO -2
Division Dimensions	1800 x 2960	1800 x 2960	1800 x 2960
Division Area	53280	53280	53280
Overall Height	2579	3329	4079

body Weight	1 Division Capacity
1,500 kg	175 broilers
1,775 kg	150 broilers
2,130 kg	125 broilers
2,420 kg	110 broilers
2,660 kg	100 broilers
2,960 kg	90 broilers

**Note: It is aimed to produce 50 gk body weight broiler in 1 m2 in the cage division**



ANKA KÜMES SAN. ve TİC.LTD.ŞTİ.

Azıziye Mah. Azıziye Sok. No:60/A Susurluk / BALIKESİR/TÜRKİYE-

Tel :+90 (266) 865 15 90 – Fax :+90(266) 865 15 91 - info@ankakumes.com.tr