



REARING STOCK MANAGEMENT JUNIOR

CAGE EQUIPMENT

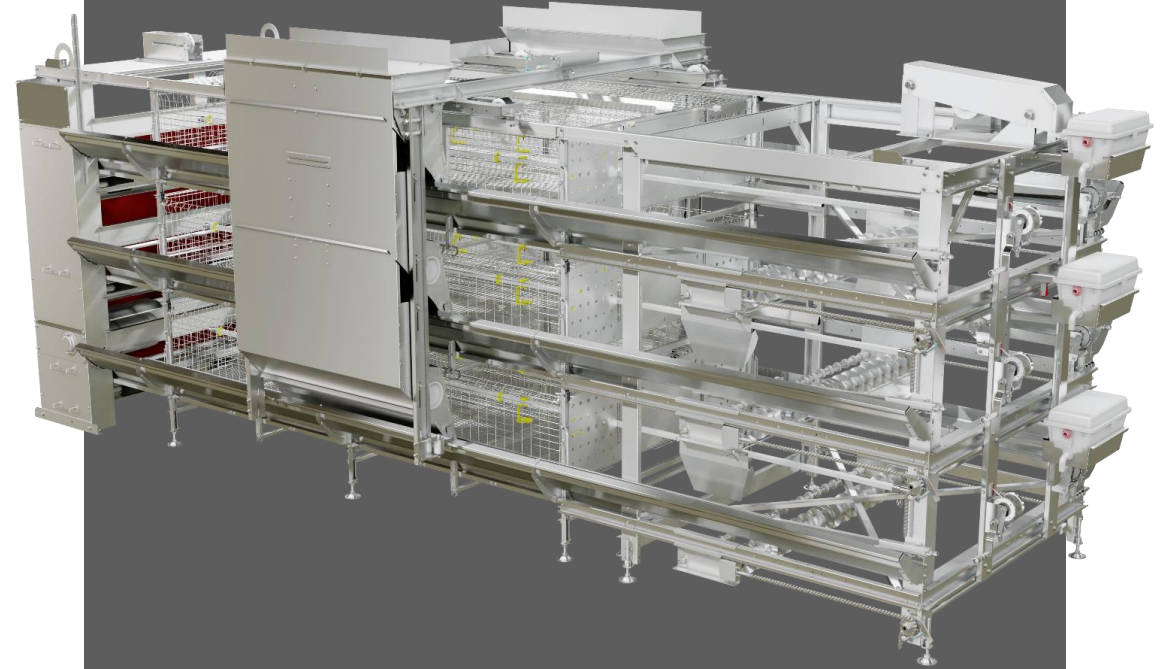
TEXHA.COM



CAGE EQUIPMENT JUNIOR

- Raring stock management:
 - Laying hens
 - Laying hen parent flock (both joint and separate housing)
 - Broiler parent flock (separate housing)
- Broiler chick management

Equipment installations from 3 to 6 levels high.

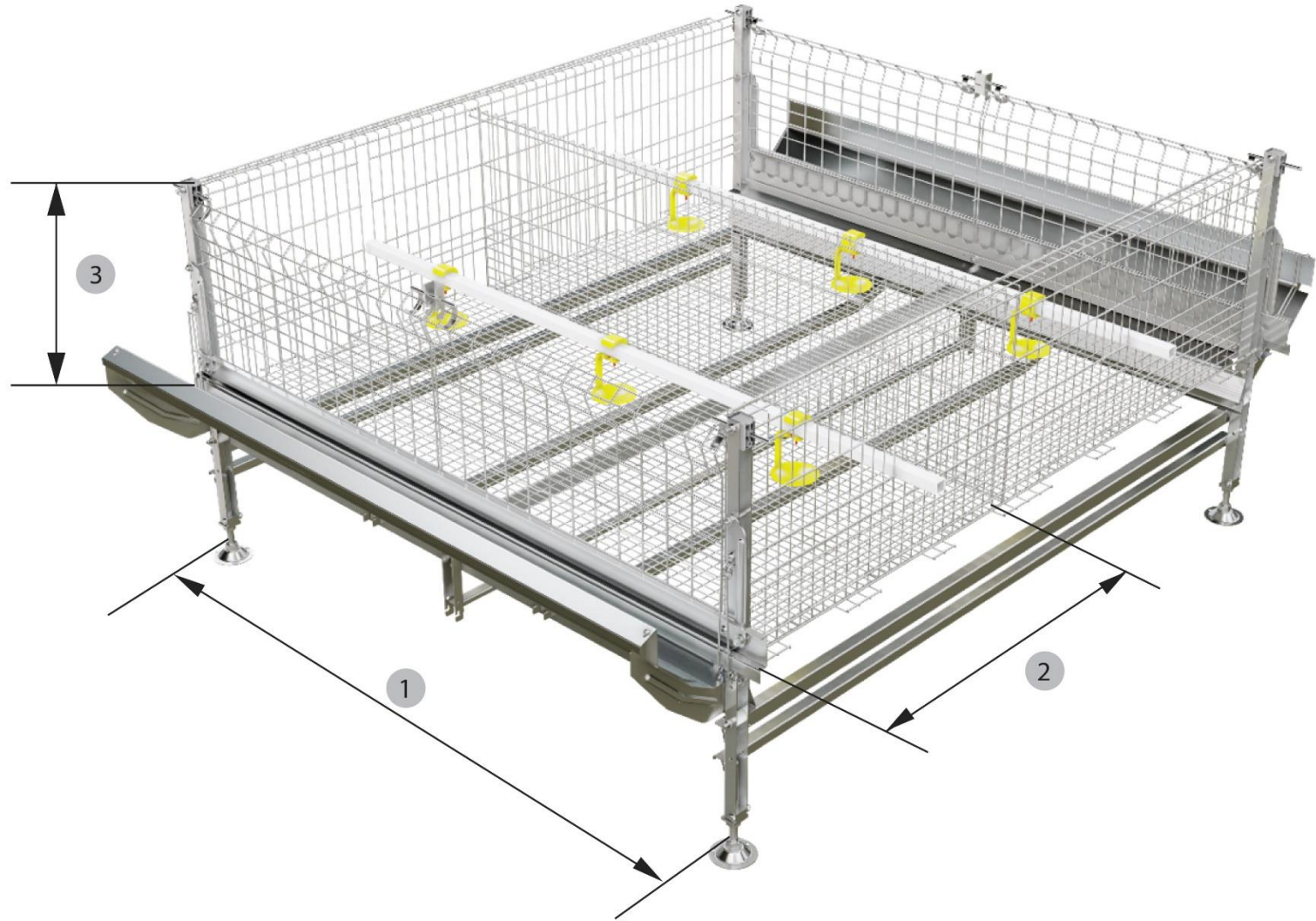


TECHNICAL SPECIFICATIONS

	Broiler Chicken	Laying Hen Rearing Stock	Laying Hen Parent Stock - Hens	Laying Hen Parent Stock - Roosters	Broiler Parent Stock - Hens	Broiler Parent Stock - Roosters
1 Cage width, mm	1 200	1 200	1 200	1 200	1 200	1 200
2 Cage depth, mm	675	675	675	675	675	675
Interlevel distance, mm	518	518	518	768	518	768
3 Facade height, mm	370	370	370	620	370	620
Cage area, sq. m	0,81	0,81	0,81	0,81	0,81	0,81
Number of birds per cage	25	28	27	20	15	13
Floor area per bird, sq. cm	320	288,8	300	400	545	620
Feeding front per bird, cm	4,8	4,28	4,44	6	8	9,2

TECHNICAL SPECIFICATIONS

- 1 Cage width
- 2 Cage depth
- 3 Fasade height



LITTER REMOVAL SYSTEM

Full process automation

The solution use the belt-based litter removal technology, which ensures quick and reliable litter removal from all levels.

- Metal materials with high corrosion resistance
- Hot dip galvanization of conveyor surface
- Polypropylene belt
 - Manufactured by TEXHA
 - Top-tier raw materials
 - High quality
 - Tested at internal laboratory



FEEDING SYSTEM

- Highly precise and efficient feed distribution
- Feed loss prevention
- Reduced labor efforts
- Reduced energy consumption

The equipment features special adjustment plate to ensure free access to feed for any birds regardless of their age. This plate also serves as a barrier of sorts in order to prevent a chick from leaving the cage by itself.

TEXHA offers two different types of feed distribution systems:

- Bin-based
- Chain-based



BIN-BASED FEED DISTRIBUTION SYSTEM

- External storage feed bin
- Transverse feed loading conveyor
- Mobile feed distribution unit for each battery
- Feed tray

System Specifications:

- Low energy consumption of feed distribution system
- Precise feed dispensing
- Even feed distribution for all levels or separate levels of the battery
- Ensuring uniformity of feed composition
- Elimination of feed 'stagnant' zones thanks to the feed tray design
- Ability to select feed distribution for individual level

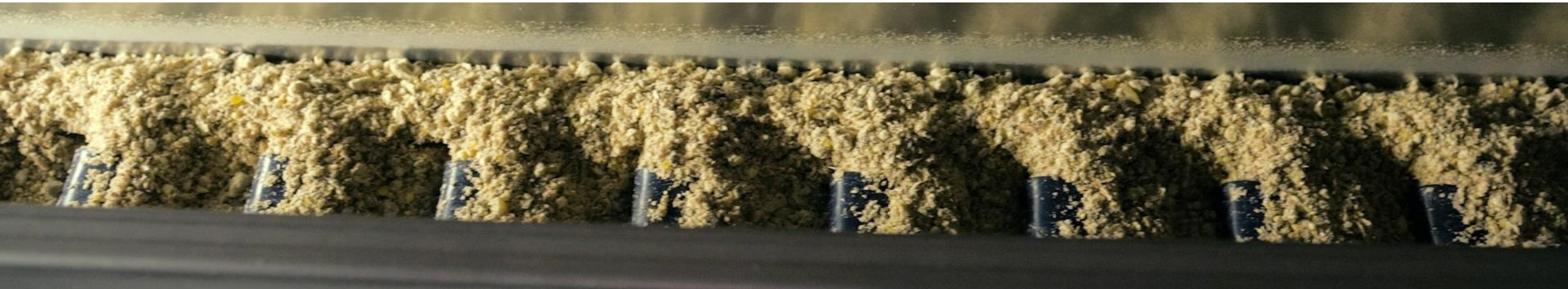


CHAIN- BASED FEED DISTRIBUTION SYSTEM

- External storage feed bin
- Transverse feed loading conveyer
- Following equipment installed at every level:
 - Agitator hoppers
 - Closed feed distribution chains
 - Feed chain drive mechanisms
 - Swivel blocks
 - Feed tray

Advantages:

- Efficiency and reliability
- Easy operation and maintenance
- Reduced feed loss
- High feed distribution unit performance



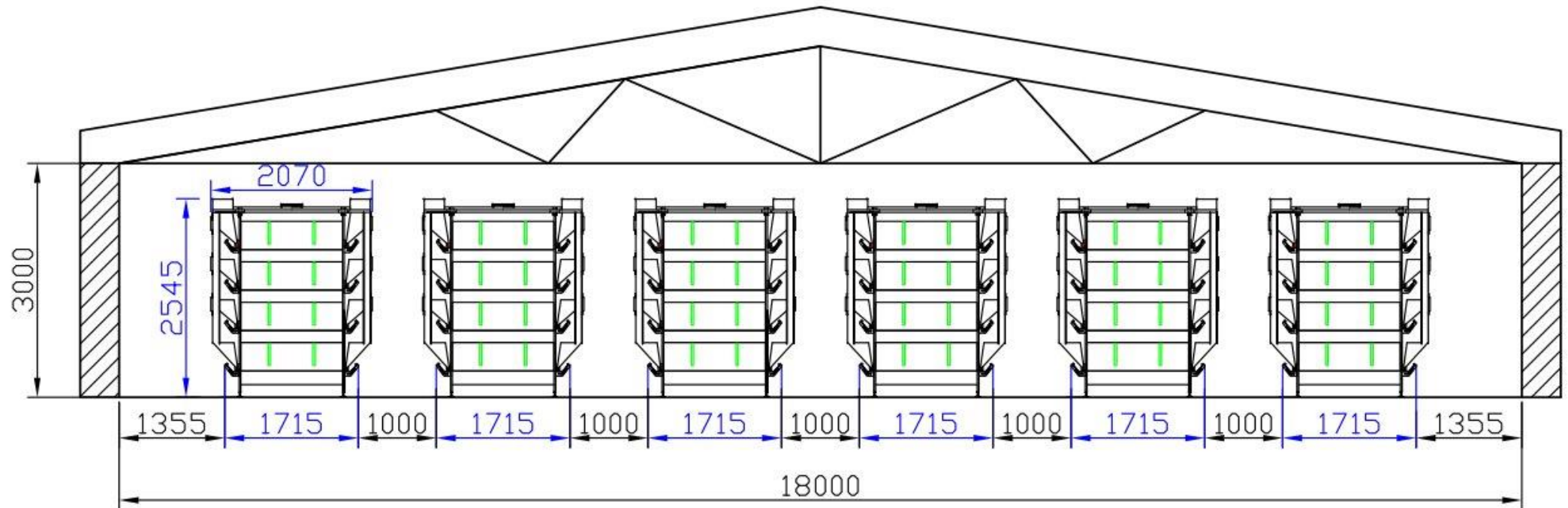
DRINKING SYSTEM

This reliable, efficient and easy-to-use drinking system consists of a water treatment unit, a water distribution system and drinking lines at every level.

- Water treatment unit: filter, flow meter, medicator, pressure gauges, valves and fittings
- Nipples moveable up and down and rotatable by 360°
- High-quality assembly and line connection sealing
- Easy adjustment of drinking line height
- Free access to water even for day-old chick



TYPICAL PROJECT



LIGHTING SYSTEM:

ADVANTAGES



- Use of LED lamps with energy consumption:
 - o 10 times lower as compared to the filament lamps
 - o 2,5 times lower as compared to the luminescent lamps
- Lighting intensity adjustment in 0-100% range for sunrise / sunset functions
- Compliance with the international environmental requirements
- High level of protection against external impacts
- Warranty and post-warranty service



MICROCLIMATE

The microclimate system may consist of the one to four following sub-systems in various combinations:

- Ventilation
- Heating
- Humidification / cooling
- Automation

Ventilation system by TEXHA:

- High performance
- Energy efficiency
- Low noise level
- Durability of equipment
- Reliability and cost effectiveness

