



# HYDERABAD POULTRY EQUIPMENTS



*RIGHT CHOICE FOR INCUBATORS*





## COMPANY PROFILE

*Hyderabad Poultry Equipments which started its operations in the year 1985, is now the pioneer in manufacturing incubators in southern india*

*Our Incubators and Hatchers are highly sophisticated and are fully advanced as they provide you absolutely perfect functioning which saves time, money and labour. These three key factors adds to your profit in Hatchery operations and there by increase your efficiency in Hatching chicks*

*When considering the importance of incubation in Hatchery Operations, our incubators and Hatchers are most reliable and most profitable assets.*

*We manufacture our incubators with fiber body, alluminium channel and 30 density thermo-cole water proof, heat proof machines*

*Hyderabad Poultry Equipments has Hatchery divisions in Hyderabad, vishakapatnam and Eluru. we have around 150+ double setters and 75+ Hatchery machines and We hatch around 2,00,000 eggs per day end .we have been successfully running our Hatcheries for the past 15year, which shows our Incubarators efficiency*

## BENEFITS OF OUR EQUIPMENTS

- ✓ *Turning, power high and low temperatur alarm*
- ✓ *Digital temperature controllers*
- ✓ *Digital Humidity controllers*
- ✓ *Automatic ventilation system for proper air setting*
- ✓ *P.P.S. & H.I.P.S. orgin material (plastic) optional*
- ✓ *Temperature sensors accurate to +/- 1%(pt 500)*
- ✓ *Easy to operate and maintain*
- ✓ *High hatchable*



*We Hatch Chicks for top class breeders which includes venkateswara & suguna*

## HYDERABAD HATCHERY



## ELURU HATCHERY



## VISAKHAPATNAM HATCHERY





## *Broad selection of Incubator models*



*60000 Eggs Capacity Incubator*



*30960 Eggs Capacity Incubator*



*35000 Eggs Capacity Incubator*



*Trolley Type(V.J.Model)*



*10400 Eggs Capacity Hatcher*



*5000 Eggs Capacity Incubator*



*1200 Eggs Capacity Incubator*



*600 Eggs Capacity Incubator*





*90 Eggs Setting Tray*



*102 Eggs Setting Tray*



*200 Eggs Hatchery Basket*



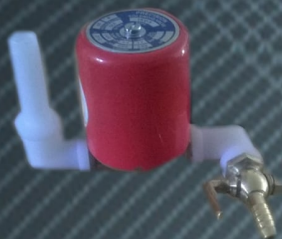
*90 Eggs Hatchery Basket*



*Control Panel*



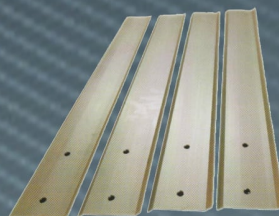
*Dry & Wet Thermometer*



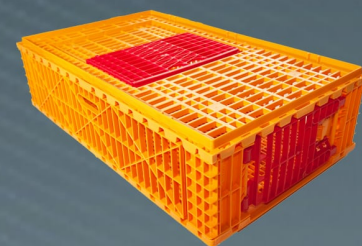
*Humidity Valve*



*U Heaters*



*Fan Blades*



*Bird Trans. Tray*



*Chick Feeder*



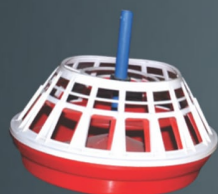
*Chick Brooder*



*Cooling pad*



*Exhaust Fan*



*Jumbo Feeder*



*Chick Trans. Basket*



*Spindle*



*Gunnyring*



*Digital Controllers*



## Certificates



## Awards





# CHICK EMBRYO DEVELOPMENT



**INFERTILE**  
• No development.



**DAY 1**  
• Appearance of tissue development



**DAY 2**  
• Tissue development very visible.  
• Appearance of blood vessels.



**DAY 3**  
• Heart beats.  
• Blood vessels very visible.



**DAY 4**  
• Eye pigmented.



**DAY 5**  
• Appearance of elbows and knees.



**DAY 6**  
• Appearance of beak.  
• Voluntary movements begin.



**DAY 7**  
• Comb growth begins.  
• Egg tooth begins to appear.



**DAY 8**  
• Feather tracts seen.  
• Upper and lower beak equal in length.



**DAY 9**  
• Embryo starts to look bird-like.  
• Mouth opening appears.



**DAY 10**  
• Egg tooth prominent.  
• Toe nails.



**DAY 11**  
• Comb serrated.  
• Tails feathers apparent.



**DAY 12**  
• Toes fully formed.  
• First few visible feathers.



**DAY 13**  
• Appearance of scales.  
• Body covered lightly with feathers.



**DAY 14**  
• Embryo turns head towards large end of egg.



**DAY 15**  
• Gut is drawn into abdominal cavity.



**DAY 16**  
• Feathers cover complete body.  
• Albumen nearly gone.



**DAY 17**  
• Amniotic fluid decreases  
• Head is between legs.



**DAY 18**  
• Growth of embryo nearly complete.  
• Yolk sac is still on outside of embryo.  
• Head is under the right wing.



**DAY 19**  
• Yolk sac draws into body cavity.  
• Amniotic fluid gone.  
• Embryo occupies most of space within egg (not in the air cell).



**DAY 20**  
• Yolk sac drawn completely into body.  
• Embryo becomes a chick (breathing in air cell).  
• Internal and external pip.







# Perfect Solutions for Poultry Incubation



## TECHNICAL DATA, DIMENSIONS AND POWER SPECIFICATIONS

### SETTER

Length  
Breadth  
Height  
Heaters  
Fan Motor  
Turining Motor  
Total Connecting Power  
Voltage

- **60,000 EGG CAPACITY**
- 216 inch(18ft)
- 96 inch(8ft)
- 7.4 ft
- 500\*8 = 4000 watts
- 3/4 HP (252\*2=504 wats)
- 1/2HP(0.37 KW)
- 8HP(5.2 KW)
- 220V AC Single Phase 50HZ

### HATCHER

Length  
Breadth  
Height  
Heaters  
Fan Motor  
Total Connecting Power  
Voltage

- **10,400 EGG CAPACITY**
- 2.08M
- 2.08M
- 2.08M
- 400\*4 = 1600 watts
- 1/3 HP (0.25 wats)
- 3HP(2.25KW)
- 220V AC Single Phase 50HZ

*The following list incubation requirements for various species of fowl*



Species	Incub Period (Days)	Temp(F.)	Humidity(F.)	Transfer day	Humidity Last 3 days
Chicken	21	99.9	85-87	18 <sup>th</sup> day	90
Turkey	28	99.9	84-86	25 <sup>th</sup> day	90
Goose	34	99	86-88	25 <sup>th</sup> day	90
Guinea Fowl	28	100	85-87	25 <sup>th</sup> day	90
Pheasant	28	100	86-88	21 <sup>th</sup> day	92
Peafowl	30	99	84-86	25 <sup>th</sup> day	90
Bodwhite Quail	24	100	84-87	20 <sup>th</sup> day	90
Japan Quail	17	100	85-86	15 <sup>th</sup> day	90
Chukar	24	100	81-83	20 <sup>th</sup> day	90
Grouse	25	100	83-87	22 <sup>th</sup> day	90
Golden Pigeon	17	100	85-87	15 <sup>th</sup> day	90
Duck	28	99.9	85-86	25 <sup>th</sup> day	90



# Hyderabad Poultry Equipments

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