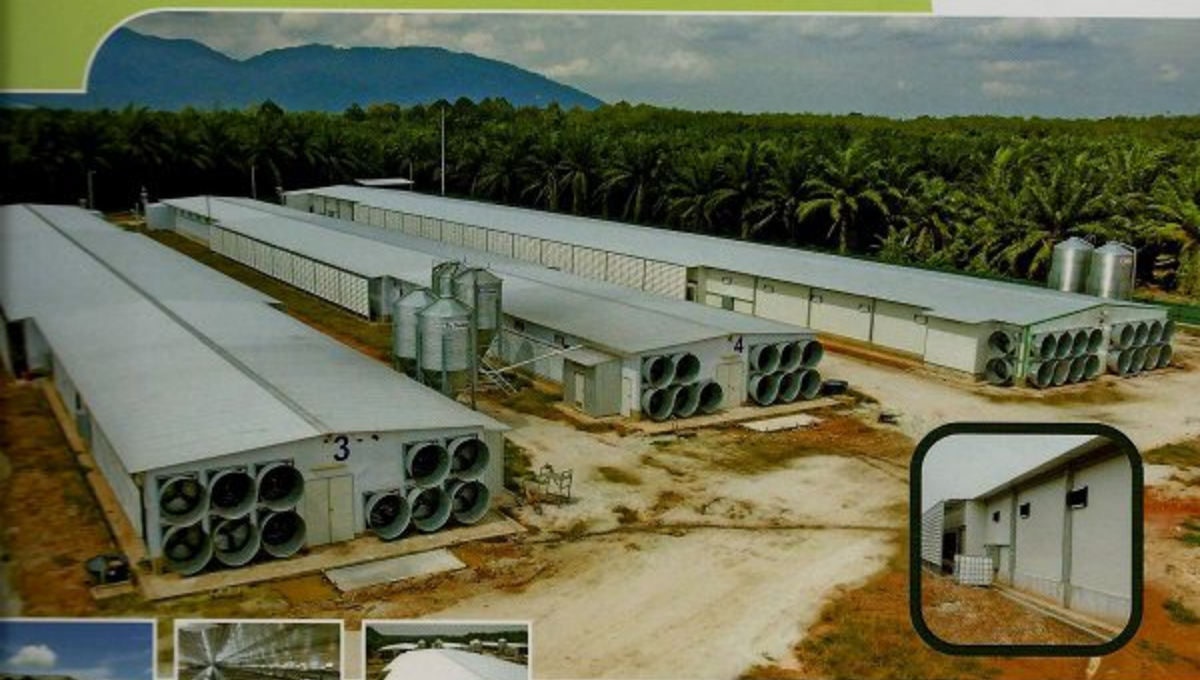




LLK Agro System

The Poultry House Specialist



**Advanced Solutions for
Profitable Operations**

SME100
Award 2013
FAST MOVING COMPANIES™

EUROPEAN
CERTIFICATIONS
EC
GROUP
ISO 9001
REGISTERED FIRM

UKAS
MANAGEMENT
SYSTEMS
4152

INTEGRATED AGRO SYSTEM (IAS)

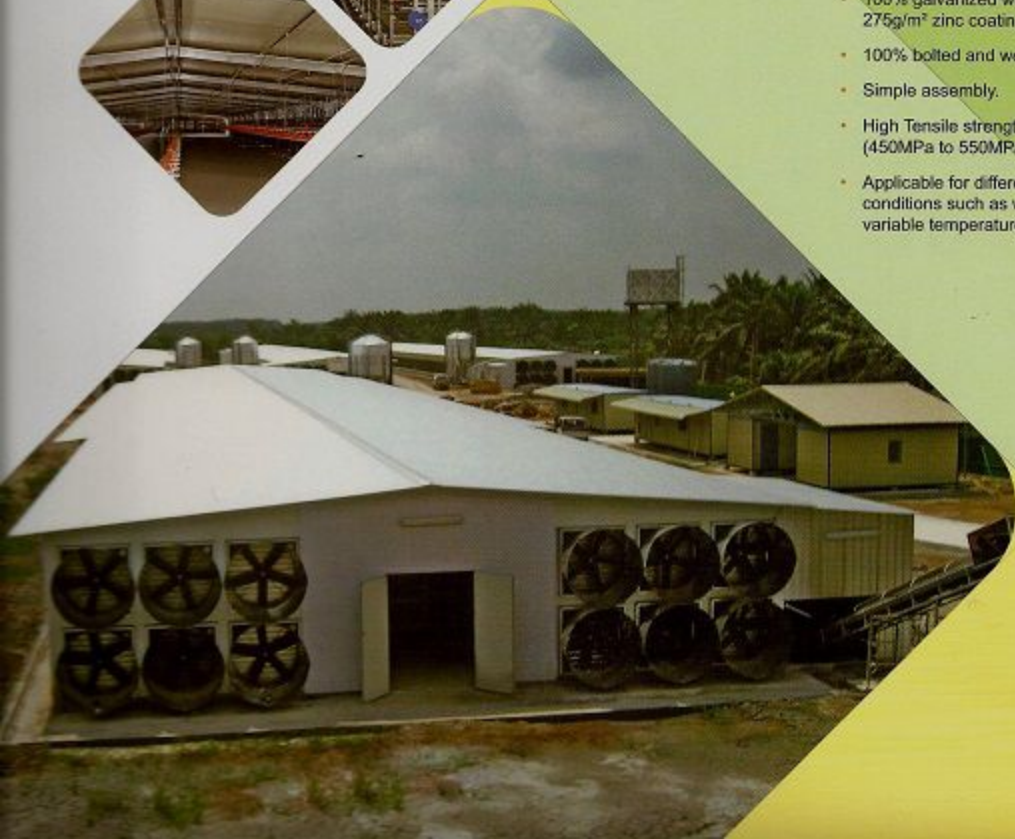
IAS is a comprehensive poultry house system designed and developed by LLK for the agro industry in 2000. Today, IAS has evolved and been improved to suit the specific needs of the poultry growers in the region.

The system provides a wide range of design concepts by integrating quality building materials such as galvanized structures, highly insulated materials and precisely design accessories coupled with ventilation systems and equipment for optimum performance and investment returns.



Frame Work

- Pre-engineered structure suited to any building span and loading.
- 100% galvanized with minimum 275g/m² zinc coating.
- 100% bolted and weld free.
- Simple assembly.
- High Tensile strength (450MPa to 550MPa)
- Applicable for different climate conditions such as wind, snow and variable temperature.



Roofing

Choice of roofing systems available:

- Panel Roof System (PRS)
- Insulated Roof System (IRS)
- Drop-ceiling Roof System (DRS)

Panel Roof System (PRS)

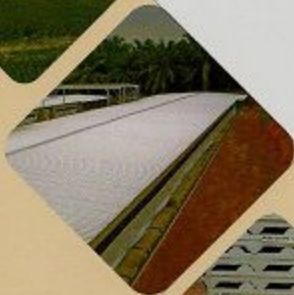
- Polyurethane (PU) foam sandwich panel laminated between two layers of prepainted galvanized sheet (PPGI)
- Density of PU: 40kg/m³ closed cell
- Thickness = 18mm (minimum)
- Excellent heat insulation [R-value = 6(hrt²⁵F)/BTU]
- Good acoustic performance.

Insulated Roof System (IRS)

- Exterior Roofing sheet: High tensile corrugated metal sheet with zinc and aluminum coating.
- Insulation: Fibreglass wool (10kg/m³) at required thickness.
- Interior Ceiling sheet: High tensile corrugated metal sheet with zinc and aluminum coating
- Flexible in conforming to any insulation requirements.
- Clean and frameless interior.

Drop-ceiling Roof System (DRS)

- Exterior Roofing sheet: High tensile corrugated metal sheet with zinc and aluminum coating or UPVC sheet.
- Insulation: Ventilated air gap with fibre glass wool (10kg/m³).
- Interior Ceiling sheet: High tensile corrugated metal sheet with zinc and aluminum coating.
- Flat ceiling with reduced space volume - more energy saving.
- Clean and frameless.





Side Wall and Gable End

- PU sandwich panel laminated between two layers Preprinted galvanized sheet for fully enclosed system (thickness = 50mm - 100mm)

Or

- Hot-dipped galvanized netting for curtain drop system.
- PU sandwich panel door at required sizes.
- Precisely designed accessories such as capping, flashing and fasteners to ensure superb functionality and durability.

Advantages of IAS



Suited for all kinds of poultry houses such as broiler, breeder, layer and pullet houses.



Flexible and adaptable to any required specifications.



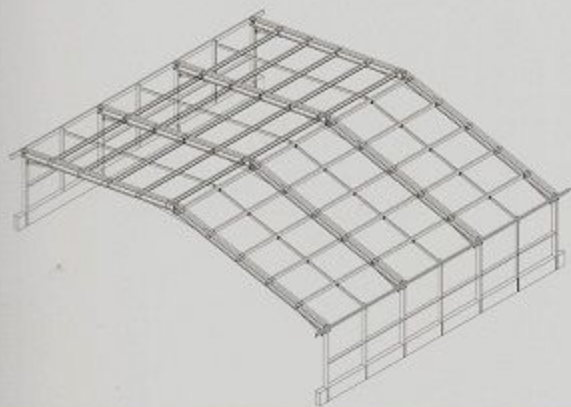
More energy saving thus helping to save the environment.



High mobility – can be shipped to anywhere in the world with minimum transportation costs.

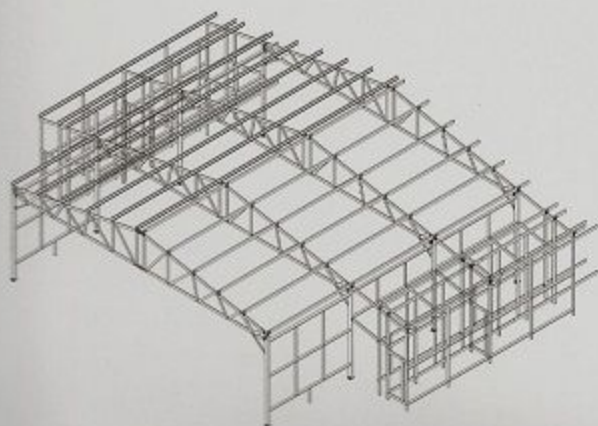
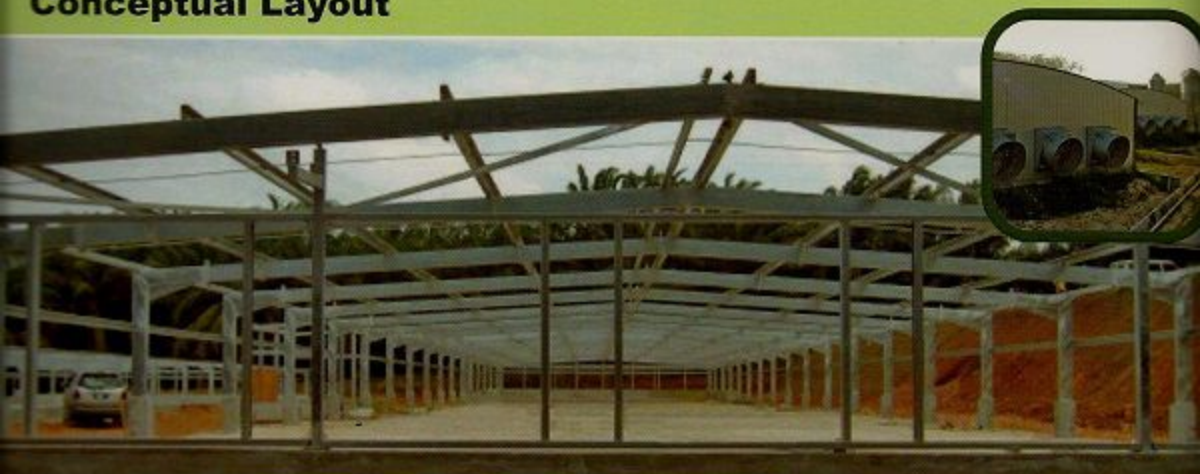


Easy and quick installation with relatively low installation costs.



◆ **IRS** - Insulated Roof System

Conceptual Layout



◆ **DRS** - Drop-ceiling Roof System



LLK AGRO SYSTEM

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We offer various house designs to suit every individual grower's needs. E.g. Breeder, Layer, Broiler and other livestock growers.

Litter/Floor System House



Battery Cage House





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