

PRODUTTORI DI IMPIANTI AVICOLI
 Productores de **POULTRY EQUIPMENT**
 Equipos Avícolas **MANUFACTURERS**
 PRODUCTEURS D'ÉQUIPEMENTS
 Производители **AVICOLES**
 оборудования для птицеводства
 鸡禽饲养设备 **مصنعي معدات**
 PRODUZORES **가금류 장비 제조업체**
 DE INSTALAÇÕES AVICULAS **KÜMES**
 養鶏設備メーカー **HAYVANLARI**
 EKİPMANI ÜRETİCİLERİ
 ผู้ผลิตอุปกรณ์สำหรับการผลิตสัตว์ปีก



MADE IN ITALY

... TO COMPLETE YOUR SYSTEM

Feeding, Egg Collection, Manure Transport, Drying and much more

www.valli-italy.com

info@valli-italy.com

+39.0543.975311



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in



quality you can rely on

VALLI S.r.l.
Via Selva,14 - 47122 Forlì FC - ITALY

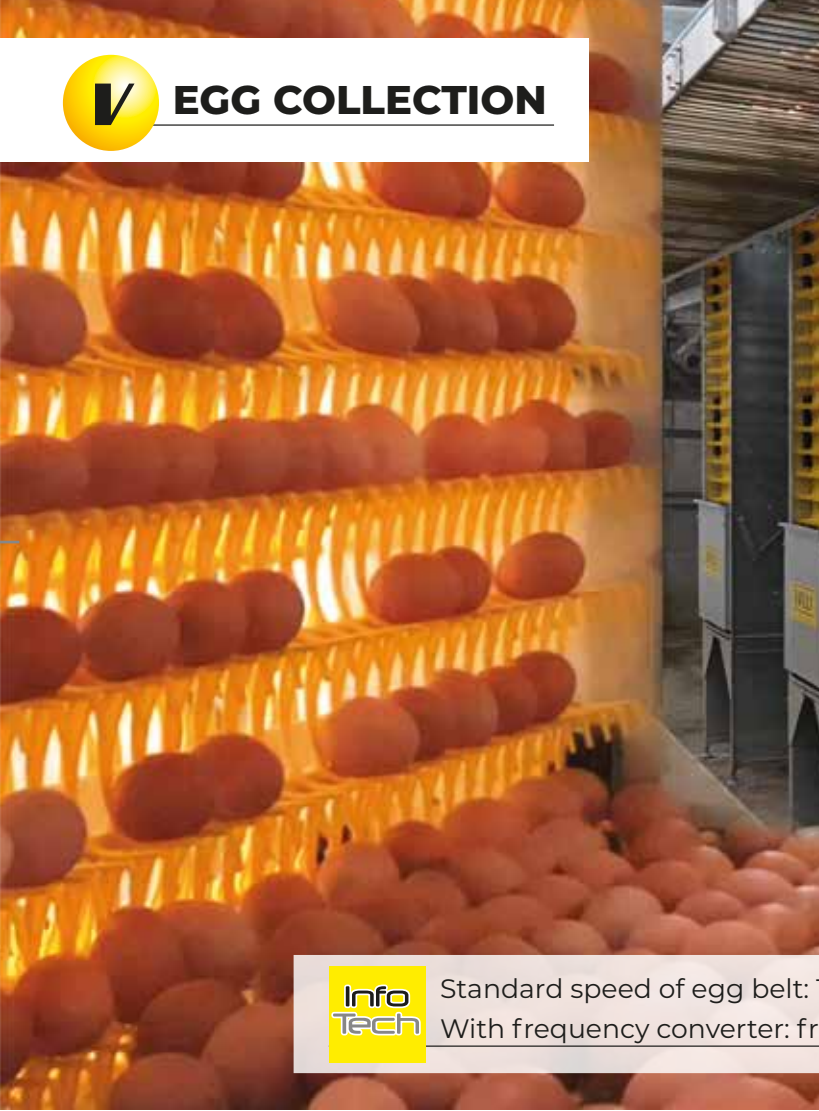
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Valli_ToCompleteYourSystem - DE98105 - 20241006_S4





EGG COLLECTION



ONDA PLUS

The ONDA PLUS Egg Elevator consists of mini conveyors (egg feeders) that receive the eggs from the belts and through deflectors they distribute and convey them into the belt with little yellow hands.

The little yellow hands bring the eggs to the upper level, to then descend on the forehead and unload the eggs on a rod conveyor or table thanks to the exit combs.

- Movement by special plastic chain
- Easy to wash
- Rust free
- Large collection capacity up to 20.000 eggs per hour
- Low and easy maintenance, lubrication free
- Simultaneous collection up to 12 tiers
- Suitable for all types of cage and aviary systems
- Easy installation and setting
- Self synchronized system (Patent pending)



Standard speed of egg belt: 1.2 mts/min (4 ft/min)

With frequency converter: from 0.6 to 2 mts/min (2 to 6.5 ft/min)

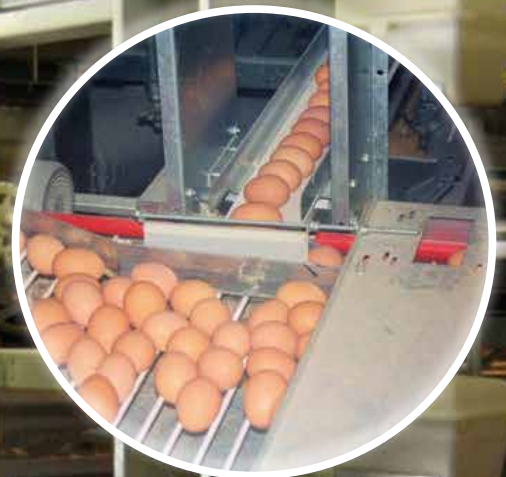
LIFTER

The system is very simple and ensures very clean eggs thanks to only one transfer: from the transport belts directly onto the cross rod conveyor.

The rod conveyor is lifted and accurately positioned, by one lift column on every row of cages plus one or more additional columns.

The accuracy of the conveyor level is ensured by: sturdy lifting roller chain, precise microswitches, perfect synchronization controlled by a brake motor on the master column.

- Collection tier by tier
- Directly transfer from egg belt to rod conveyor
- Smaller footprint
- Easy and Fast installation and setting
- Low and easy maintenance



Standard speed of egg belt: 3.5mts/min (11.5 ft/min)

With frequency converter: from 1.5 to 6mts/min (5 to 19.5 ft/min)





FEEDING SYSTEM



TRAVELLING FEEDERS

- ✔ Independent hoppers running on the self-supporting feed trough
- ✔ Included brushes for feed trough and egg channel cleaning
- ✔ Shuttle feed dispenser for best feed distribution
- ✔ Design to avoid feed bridging or feed separation
- ✔ Available sliding feed trough-end cleaner: no feed waste
- ✔ New feed level adjustment



FEED ADJUSTMENT



Standard speed: 6-7 mts/min (19.5-23 ft/min)



FLAT CHAIN

- ✔ Feed level adjusted by a graded shutter
- ✔ One feed hopper per circuit as standard
- ✔ Two feed hoppers available on long colony rows
- ✔ For the colony system installed in the Valli feed trough
- ✔ For the aviary system installed in the proper feed trough
- ✔ Control panel to:
 - Set starting times
 - Set Running times
 - Set sequence times per each floor to reduce electrical load



The Chain Speed can be 12-18 mts/min (40-60ft/min)

Each circuit is driven by a motor gear box respectively to the chain speed of 0.75-1.1Kw



MANURE COLLECTION

MANURE BELT CONVEYORS

- ✔ Fast cleaning operation
- ✔ Belt 600mm (2ft) wide
- ✔ Speed 75 mts/min (246ft/min)
- ✔ Motorized by water-proof Drum Motor dia. 220 mm (8.5 inches)

- ✔ TP98 MODEL:
 - Woven PVC belt for moderated weather.
 - Special PVC belts suitable up to -30° temperature conditions

- ✔ TP10 MODEL:
 - Running Rollers system
 - Rubber belt, suitable up to -40° temperature conditions

- ✔ TPS MODEL:
 - Running Rollers system
 - Rubber belt, suitable up to -40° temperature conditions
 - Conveyor with integrated elevator by hinge unit

- ✔ BI-DIRECTIONAL MODEL:
 - Reversible run conveyor



TPS HINGE UNIT



CONVEYORS DRUM MOTOR



SHUTTLE SCRAPERS

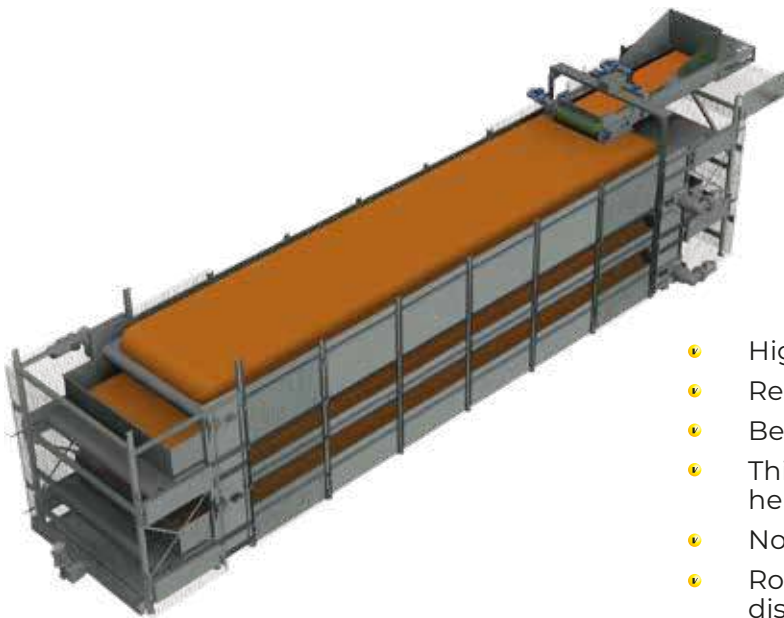
Litter transport under layer aviary system



AIR BLOWING MIXING UNIT

The air blowing mixing unit is designed according to the number of birds, in order to have a right air capacity to blow through the "pvc" air duct above each manure belt inside the system.

- Manure drying directly on the system belts
- Possibility of mixing internal and external air by separate intake shutters
- Air intakes with filters
- Available air intake filter unit with automatic cleaning by rotating brushes system
- Best birds comfort due to uniform air distribution inside the house
- Customized air ducts design



EOLO

The EOLO manure drying tunnel is available in 4-8 tiers configuration and 2.0mts wide.

The manure is transported to the top of the tunnel and then spreaded on the plastic modular belt and dried by the warm air coming from the house blown trough the belt and manure.

- High capacity per square meter of surface
- Reliable belt drive system with no adjustment needed
- Belt guide preventing sideways movement
- Thick plastic modular belt allowing more than 20 cm of height of wet manure layer
- No metal chains
- Rotating filling belt station for evenly manure distribution lubrication free
- Easy installation and setting
- Reduced emission rate
- Rigid Auger or Conveyor for removal of the dried manure



Valli designs and customizes the Ventilation system according to local climate conditions and house design.

- Customized Design Ventilation system: Cross, Tunnel or Combi Ventilation
- Exhaust fans with different features and sizes
- Cooling pads and spray coolers for hot climate conditions
- Chimney fans for winter ventilation in cold climate conditions
- Framed air inlets and continuous air inlets
- Geared motors or linear actuators with built in limit switches for air inlet operation
- Air circulator fans for uniform air distribution inside the house
- Shutters, Tunnel Inlets or Curtains for proportional external air intake
- Light-traps for exhaust fans and air intakes
- Heaters with different features and size



FEED STORAGE & TRANSPORT

Valli designs and customizes the feed storage and transport, according to the customer requests and farm layout.

- Feed Bins with different features and size, available with optional mechanical or pneumatic filling, inspection ladder, feed viewer, inspection man-hole.
- Flex Auger dia.75-90-125mm with plastic tube and plastic elbows
- Flex Auger dia.90-125mm steel tube and hardened steel elbows
- Feed chain-disc conveyor dia.120mm
- Rigid Auger with different features and size
- Mechanical feed batch weighers, complete with receiving bin
- Load cells system for silo weighing
- Feed screener



MANAGEMENT

- SIMPLE
- INTUITIVE
- EFFICIENT
- ACCURATE
- DURABLE
- SCREEN IP65
- INTERACTIVE
- MODULAR



LEONARDO



- Excellent graphic environment with 65K colors, with the possibility of customizing the pages
- Remote control from smartphone or PC via VNC Viewer or Galileo Valli-App or web page
- Configurable alarm management
- Complete management of ventilation (tunnel, transverse or combined), heating and cooling (windows, fans, chimneys, cooling panel, nebulizers, heaters)
- Feed management: travelling feeders, flat chains, spirals
- Feed weighing management in silos, auger start-up, screener for feed, and litter material
- Management of windows even without electricity
- Management of lights inside the equipment and corridors
- Management of notifications on mobile phone and dedicated alarms (only if connected via Galileo)
- Complete management of egg collection to optimize time and waste (programmable work starts, possibility to change the collection speed, egg movement for equipment with nests, etc.)
- Management of temperature, humidity, Co2, and NH3 ammonia probes
- Option to keep the computer on in the event of a power failure
- Operating Manual available on the computer
- Ability to make changes or software updates via USB
- Data recording with the possibility of downloading on USB and then consult them on Excel
- 9.7 inch resistive touch screen system
- Check operation of individual fans by amperometric control
- Optimized management of ventilation to reduce energy costs



SYSTEM INSPECTION & MAINTENANCE

CAT WALKS

GALVANIZED IRON GRID



- Available for multi-tier colony systems in Double/Triple Decker configuration
- Useful for easy inspection and maintenance of the system
- Useful for easy loading and depopulation

Info Tech Standard maximum distributed load 225kg/sqm
 Available on request increased load till 400kg/sqm

PLYWOOD

- Available for the multi-tier aviary system in Double/Triple decker configuration.
- Useful for easy inspection and maintenance of the system
- Useful for easy loading and depopulation
- Suitable for bird usable area
- Washable
- Multilayer panel with fenolic glue



Info Tech Standard maximum distributed load 225kg/sqm
 Available on request increased load till 400kg/sqm

TROLLEYS

SERVICE TROLLEYS

Portable Trolleys run on the self-supporting feed troughs or suitable rails.
 Helpful to carry maintenance tools or instruments for house management



INSPECTION TROLLEYS

Trolleys run on the self-supporting feed troughs or suitable rails.
 Helpful for easy and safe inspection of the higher tiers



METAL COVERS

Modular removable cover for the channel of manure cross conveyor

COVER PROFILE



SERVICE STAIRS

For easy catwalk access

