

# BREEDER



FEEDING



WATERING



FEED STORAGE & TRANSPORT



LIGHTING & NEST



DIŞ TİCARET A.Ş.

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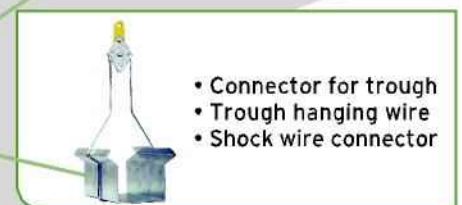
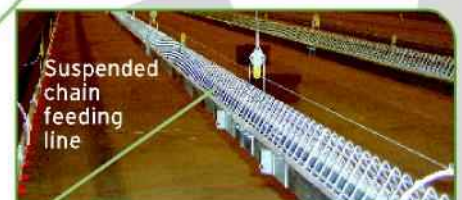
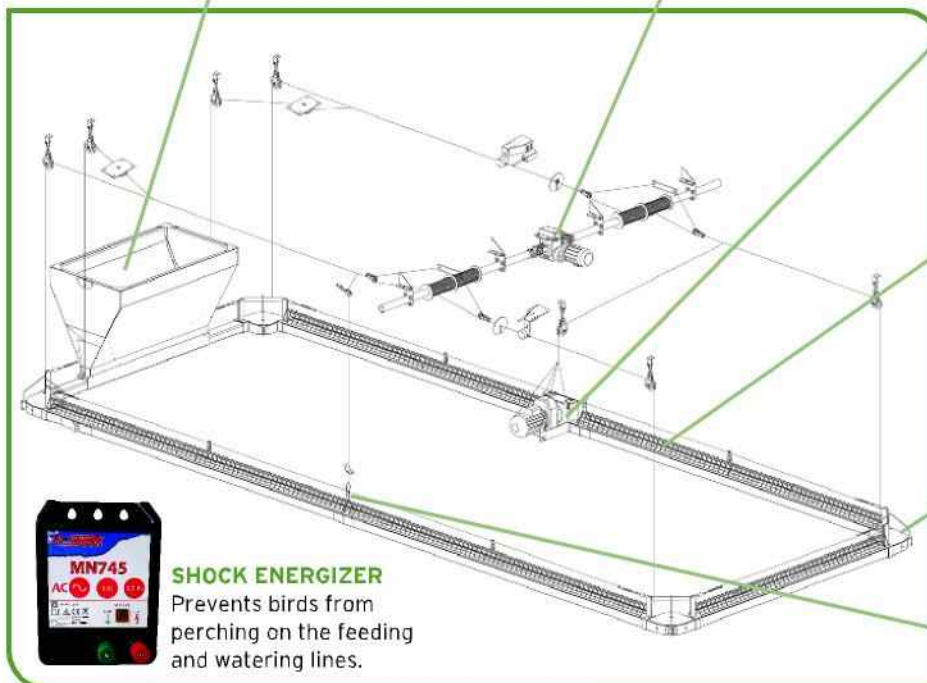
# CHAIN FEEDING

- ✓ Lasts for many years with its solid and strong design.
- ✓ Distributes the feed equally and rapidly throughout the entire house.
- ✓ Helps the chicken to reach the feed easier.
- ✓ Various alternatives of installation
- ✓ Ease of installation, maintenance, and cleaning.
- ✓ The simple working principle requires low maintenance.



## SUSPENDED CHAIN FEEDING SYSTEM

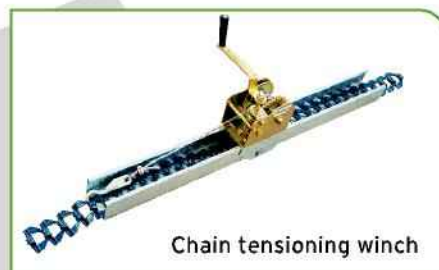
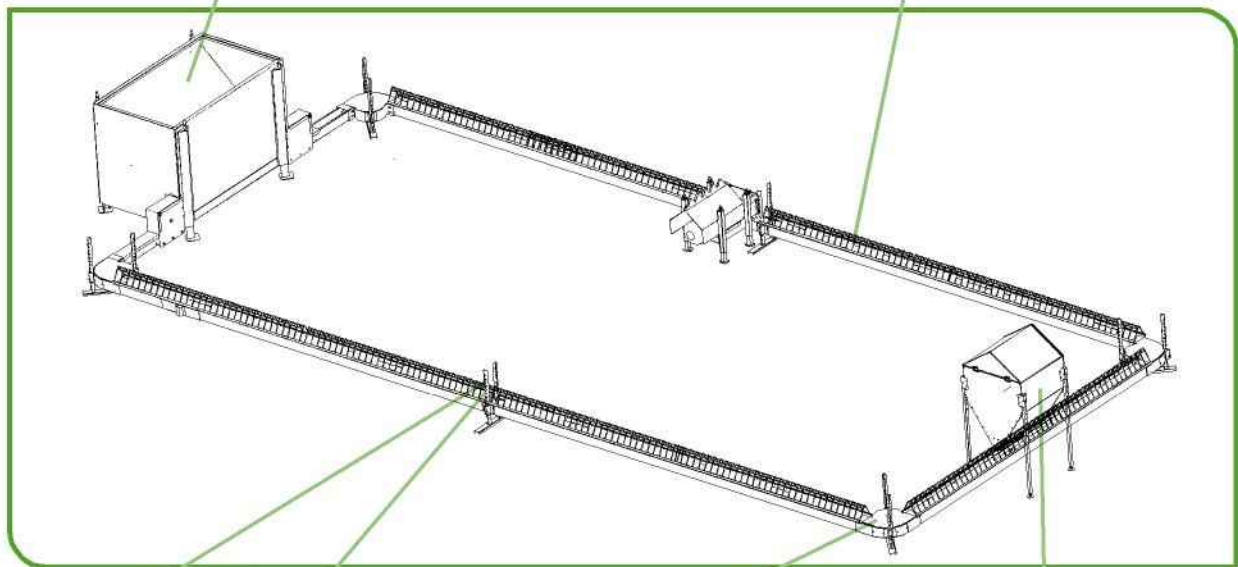
- ✓ The feed is distributed when the system is suspended. Therefore there is a uniform feed distribution throughout the feeding line when the system is lowered down.
- ✓ After the feeding process the system is lifted up to obtain more space for animals.
- ✓ Keeps the feed clean at all times. Easy to maintain, assemble, and clean.
- ✓ The feed hopper can be detached from the system which makes it possible to lift the feeding line up to the ceiling.





## CHAIN FEEDING SYSTEM ON STANDS

- ✓ The system is very easy to assemble and unassemble.
- ✓ Eases the installation, maintenance, and cleaning.
- ✓ Offers many different layout alternatives.
- ✓ Can also be supplied with faster drive unit for quick distribution of feed.





## MALE FEEDING

The pan height suitable for limited feeding and the feed adjustment levels makes this feeder ideal for male feeding in breeder houses. The feed flow can be stopped thanks to the slide in the feeder's cone.



The feeding of the males are done manually or with motor. The assembly and usage are easy. It has the advantage of distributing the feed equally throughout the line. After the distribution of the feed into the system, the lines are lowered to the ground level by manual or motored winches for the males to reach the feed at the same time.

## SPIN FEEDER

The spin feeder system distributes the feed equally and quickly to a wide and circular area in rearing houses. It reduces the stress of reaching the feed in the house during feeding times.

### ADVANTAGES

- ✓ Able to increase the density of birds
- ✓ Distribution of equal amount of feed in a wide area helps the birds to reach the feed easily
- ✓ Reaches maximum number of birds with each feeder
- ✓ Operates and fills the feed automatically
- ✓ Ease of feed distribution with the central control unit
- ✓ Minimum maintenance and breakdown thanks to its stainless steel and solid plastic materials





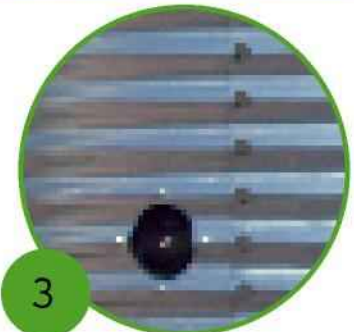
## FEED STORAGE & TRANSPORT



1 The high-quality galvanization (350 gr/m<sup>2</sup>) and the corrugation lead to an excellent light reflection and prevent any greenhouse effect inside the silo.



2 Mechanical filling kit is standard in all of our silos. Pneumatic filling is optional. If required, both of the filling alternatives are available in a single silo.



3 The standard feed view window on the silo body allows you to check the feed level inside the silo.



4 The standard ladder, safety cage and handrail are designed for maximum safety.

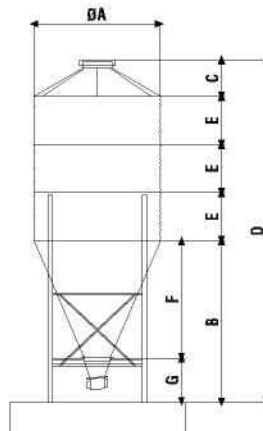
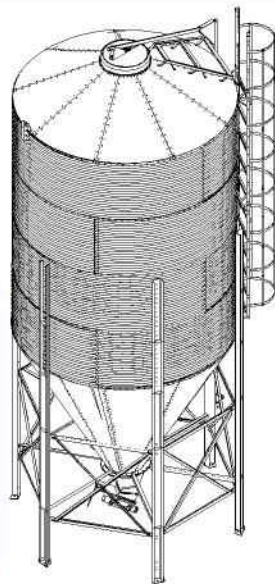
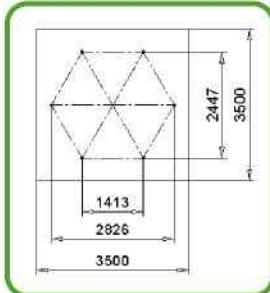


5 Extended ladder to the ground level is also available as an option for all our silos.

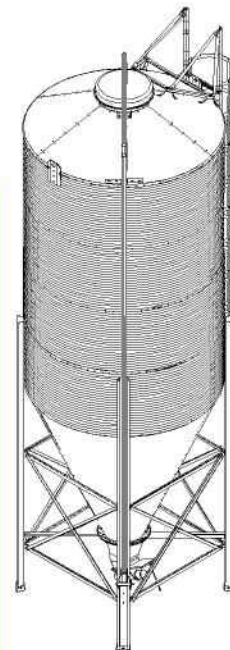
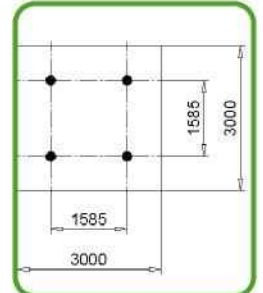


# FEED STORAGE & TRANSPORT

Base concrete drawing for 6-leg silos

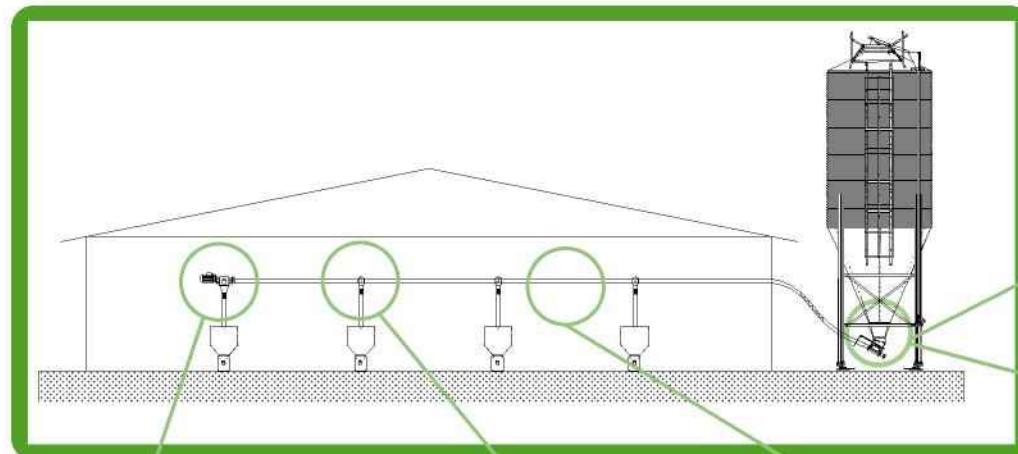


Base concrete drawing for 4-leg silos



6 LEG SILOS									
TOTAL CAPACITY (Ton)	TOTAL VOLUME (m3)	DIMENSIONS (mm)							NUMBER OF RINGS
		A	B	C	D	E	F	G	
10,5	15,6	2742	2730	515	4855	805	2145	585	2
13,5	20,5	2742	2785	515	5715	805	2185	600	3
16,5	25,25	2742	2785	515	6520	805	2185	600	4
19,5	30,25	2742	2785	515	7325	805	2185	600	5

4 LEG SILOS									
TOTAL CAPACITY (Ton)	TOTAL VOLUME (m3)	DIMENSIONS (mm)							NUMBER OF RINGS
		A	B	C	D	E	F	G	
6 TON	9,4	2150	2730	500	4850	810	2145	585	2
8 TON	12,1	2150	2730	500	5660	810	2145	585	3
10 TON	14,8	2150	2730	500	6470	810	2145	585	4
12 TON	17,5	2150	2785	500	7335	810	2185	600	5
14 TON	20,2	2150	2785	500	8145	810	2185	600	6



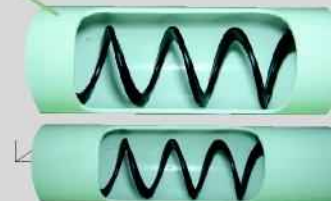
Feed transport boot alternatives



90 mm or 75 mm DRIVE UNIT



90 mm or 75 mm DROP KIT



90 mm or 75 mm PVC PIPE



## EXTENSION BOOTS

In case the standard feed transport system capacity is not enough, the feed can be distributed to longer distances with the extension boots.

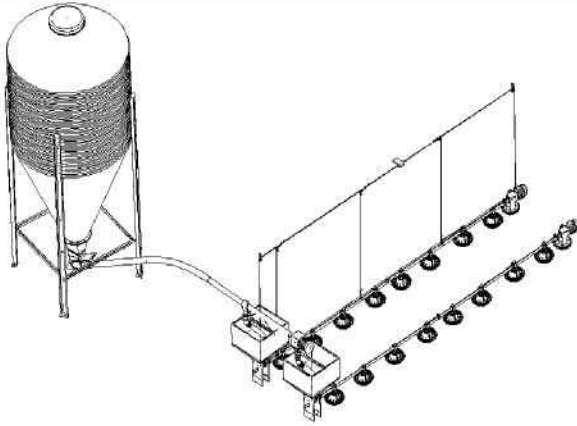


90° Extension Boot



180° Extension Boot

## TECHNICAL SPECIFICATIONS

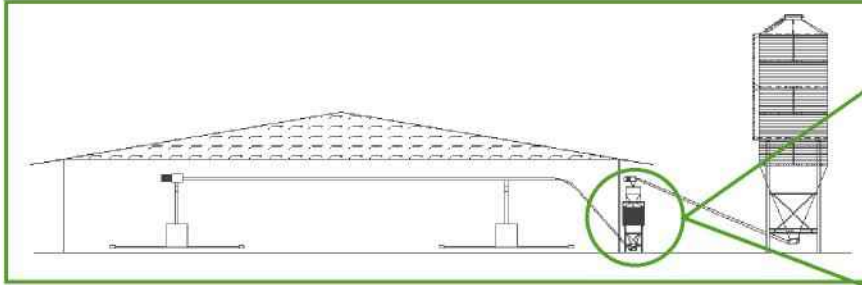


### FEED TRANSPORT SYSTEM

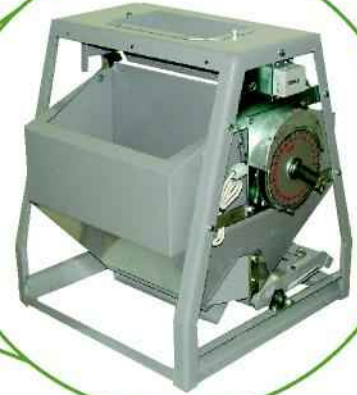
	75mm	90mm
Feed transport capacity	1300 Kg/saat	2700 Kg/saat
Max. length of the system with inclination	60m	42m
Max. length of the system straight line	72m	51m
Max. length of the system with 1 extension boot	117m	81m
Standard drive-unit* specifications	0,55Kw 0,75Hp 350 devir/dak.	0,55Kw 0,75Hp 350 devir/dak.
PVP pipe outer diameter	75mm	90mm
PVP pipe wall thickness	3,6mm	4,0mm
Maximum inclination of the system	75°	75°

\*0,75Kw / 1Hp drive-unit available as an option

## MECHANICAL BATCH WEIGHER

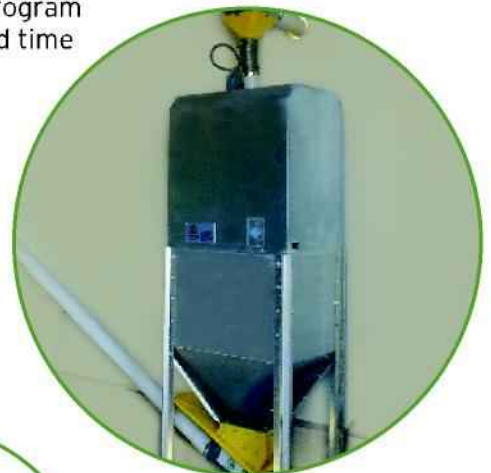
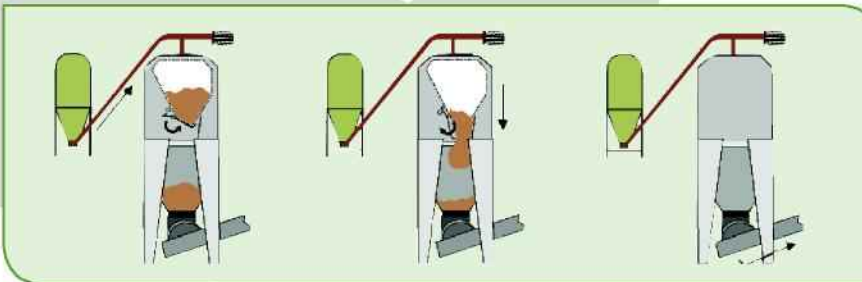


Tavsan mechanical batch weigher has a simple and solid structure. It operates for many years without causing any problems. The weigher is suitable to be used for broiler, layer, and breeder houses.



## ELECTRONIC BATCH WEIGHER

It is used to transport the required amount of feed to the hoppers inside the house through the manual or automatic drop kits. The feed distribution program that ables the distribution of the feed to the right hopper at the required time with the required amount is done through the suitable processor.



## LOADCELL WEIGHING SYSTEM



Feed quantity in the silo can be monitored and restored when used with appropriate controller. Restricted feed delivery is possible.



# NIPPLE WATERING



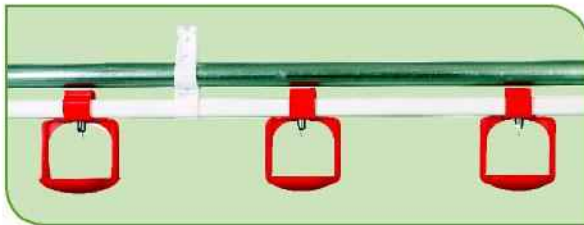
The nipples that proved their productivity on layer and breeder birds are made of stainless steel. The "top-nipple" has a flow rate of 30-40cm<sup>3</sup>/min. with sideward's and 70-80cm<sup>3</sup>/min. with upwards actions. The "4001 Nipple" has a flow rate of 90-100cm<sup>3</sup>/min. with upwards actions. All flow rates are valid for 20cm water column.



TOP NIPPLE



4001 NIPPLE



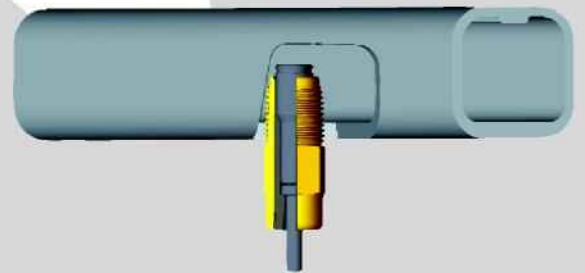
## RECOMMENDED NIPPLE COMBINATIONS

	TOP NIPPLE	4001 NIPPLE
BREEDER		✓
REARING	✓	
LAYER		✓

The nipples that are used in Tavsan nipple watering system are made of top quality stainless steel. The quality of the materials used for its plastic components is the guarantee of its long life span. The arrangement of the valve with a large cross section provides optimum water supply.

### ADVANTAGES

- ✓ Possibility to drink from day one until the end of the cycle
- ✓ Constant fresh and clean drinking water
- ✓ Easy maintenance and cleaning
- ✓ Productive and trouble-free operation
- ✓ Dry manure
- ✓ Helps all birds to rear equally in balance

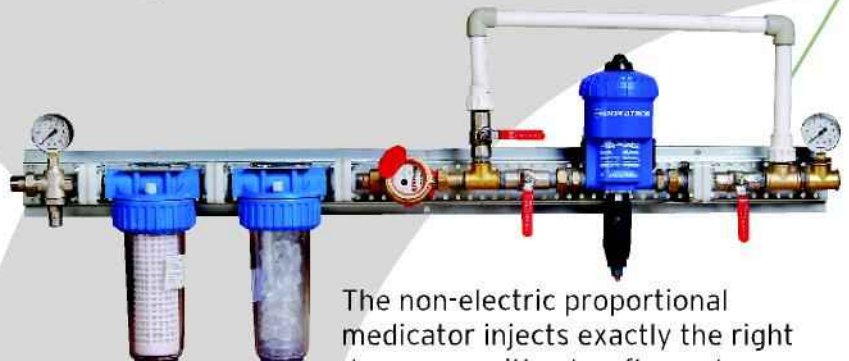


## MEDICATOR GROUP



### ADVANTAGES

- ✓ Balanced dosage
- ✓ Able to work with low pressure and flow
- ✓ Externally set dosage
- ✓ A wide dosage options
- ✓ Injection of medication up to 4 meter high



The non-electric proportional medicator injects exactly the right dose even with a low flow rate.



## PRESSURE REGULATOR

Water is supplied over a pressure regulator with integrated flush facility. Both versions are available for the end connection or the middle connection.

## SLOPE REGULATOR

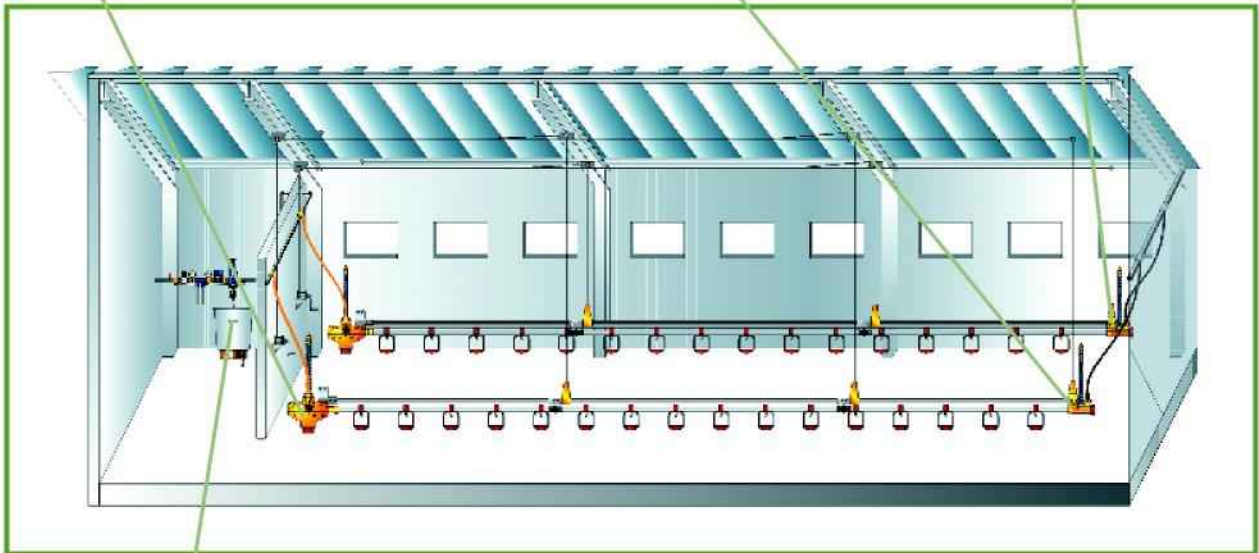
The slope regulator are used in uneven houses. It has 3 versions of delivery; 10cm, 15cm, and 20cm slopes.

## BREATHING UNIT WITH VALVE

The water pressure can be monitored with the breather unit with valve. It is also used to flush the water out of the line.

## FLUSH BREATHING UNIT

The flush breather unit at the end of each drinking line works full automatically and does not need to be operated by hand at flushing process.



## MIXER

The vitamins and medications are constantly stirred while drinking water is added in the mixer.



## STARTER CUP

A starter-cup can be supplied for the beginning phase of the rearing period.



## BELL DRINKERS

They are ideal drinkers for layer and breeder houses. The weight ball mechanism allows the drinkers to work automatically on the floor as well as suspended.



FIRAT JUMBO DRINKER

BREEDER DRINKER

TAV 3A



# LIGHTING



- ✓ Stimulates egg-production
- ✓ Reduces cannibalism and stress
- ✓ Reduces mortality
- ✓ Very low maintenance cost
- ✓ Provides a calming effect
- ✓ Reduction in shell quality problems
- ✓ Lower electricity consumption
- ✓ Longer service life



Dimmer



Adaptor



Electrical cable & festoon fitting

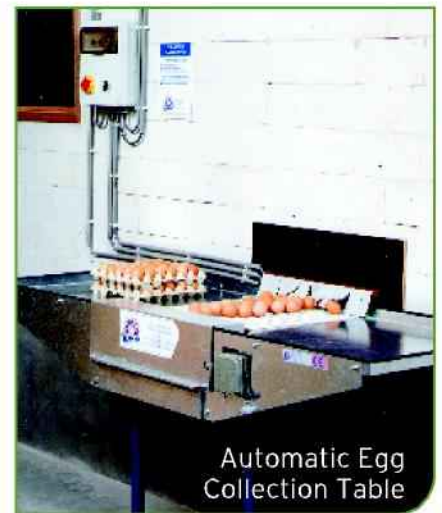
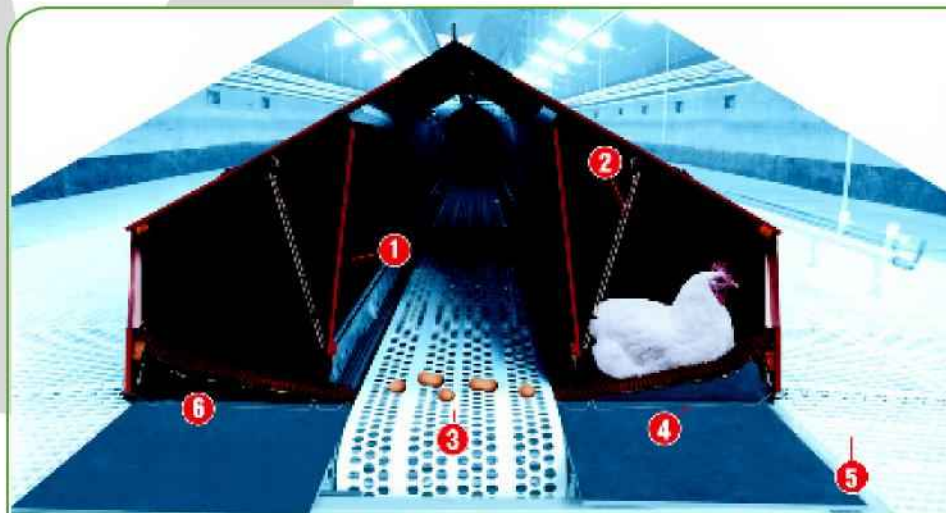


Lamp protection cover



## ADVANTAGES

- ✓ Labor savings up to 50%
- ✓ Hygienic environment
- ✓ Collects the eggs clean and with a minimum of cracks
- ✓ Shape, color, and floor material of the nests are chosen according to the latest research in bird behavior, resulting in a minimum of floor eggs
- ✓ Removable soft matting prevents cracks, is easy to clean and saves on nesting material
- ✓ Eggs can be collected at any time of the day
- ✓ Less broodiness, with bird expulsion system, results in cleaner eggs and labor savings
- ✓ Top of the nest is a hingeable lid, providing easy access for checking or cleaning



- 1- Plastic partition wall
- 2- Automatic expel system
- 3- Egg conveyor
- 4- Removable dust tray
- 5- Plastic slat
- 6- Nest floor







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