



BROILER

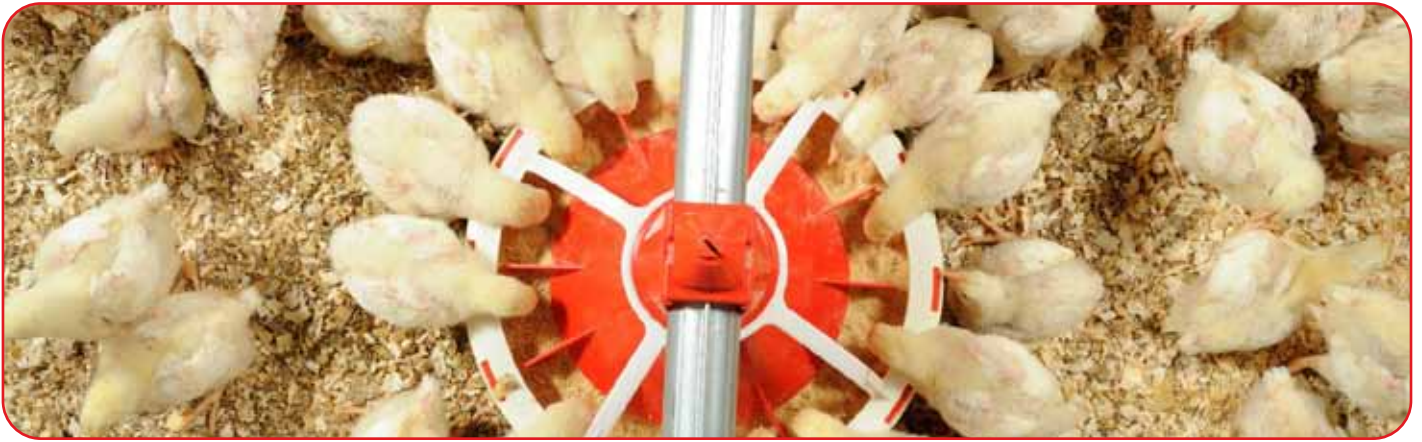


TAVSAN

www.tavsan.com.tr



PAN FEEDING SYSTEM



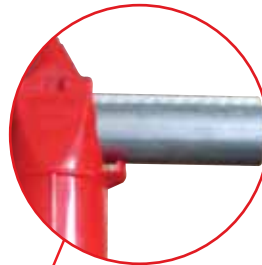
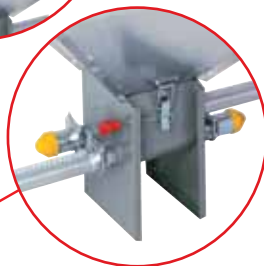
With TAVSAN pan feeding systems you achieve the best feed conversion rates starting from the first day until the end. Tavsan pan feeders offer minimum feed loss, easy cleaning and easy feed height level adjustment.

Pan feeding hoppers are offered with two different capacities; 90kg and 170kg. to supply the needed feed to the pan feeding lines.

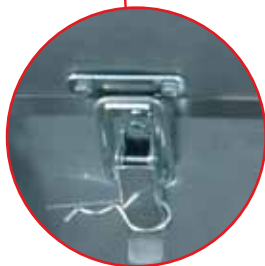


The pan feeding system can also be supplied with "Double Outlet Hoppers" for mid-line installations. The body sheet thickness of the hopper is 1 mm and the bottom part is 1,5 mm where both has 275 gr/m² galvanization ratio.

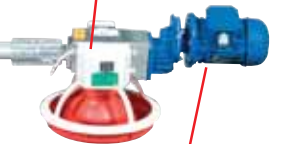
The mechanical switch in the end-pan stops the motor automatically when all the pans are filled with feed and restarts the motor when the feed pans are empty.



Pan feeding pipe is produced from 1,2mm galvanized sheet with 275 gr/m² galvanization ratio. The rim on the feeding pipe does not allow the feed pan to swing on the pipe and cause feed loss.



Tavsan pan feeding system works without any problem up to 180mt as a single line.



The special designed motor assures the highest performance.

With the help of the lock system placed on the bottom part of the feed hopper, the user is able to separate the upper part of the hopper from the bottom part easily and let the feeding line to be lifted up in maximum level on the ceiling. This allows the user to have an easy litter cleaning.

Specially for the chick period the user may not need to use the whole feeding line. The mid-line stopper can be replaced with any feeder in the line and allows the user to use only a part of the feeding line. The mechanical switch in the mid-line stopper, stops the motor when the feed reaches to the mid line stopper.

PAN FEEDING SYSTEM

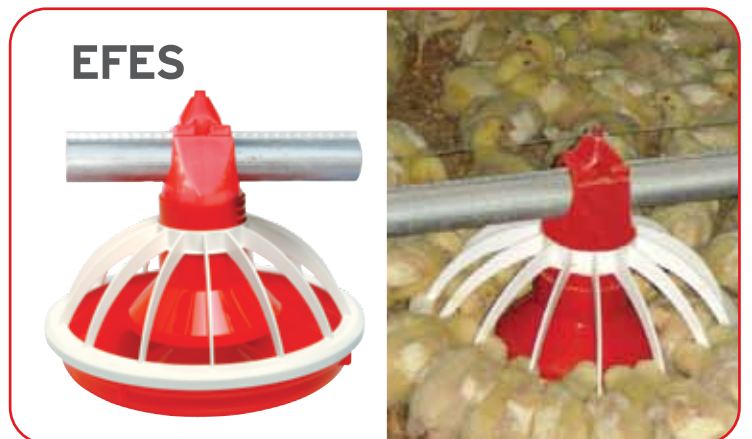
KEMER



Thanks to its hinge system, Kemer feeder can be cleaned easily without the need to separate tray from the pan, and it provides time and labor saving. The middle part design does not let the chicks to go inside the feeder in order to keep the feed clean from manure. The conic shaped pan tray distributes the feed equally all around the pan.

- ✓ The sliding feeder top offers an easy installation of the pan to the feed pipe.
- ✓ The special shape of the pan prevents the feed loss.
- ✓ The feed pan is composed of 4 main parts which allows an easy assembly and disassembly to the user.
- ✓ 5-stage feed height adjustment assures the required amount of feed to be filled into the feeders according to the age of the bird.

EFES



EFES pan feeders allow the chicks to reach the feed starting from the first day with minimum feed loss. The height of the pan and the distance between the grills allows the chicks to get in and out of the feeder easily.

BODRUM



The ideal tray height and space between the grill arms in Bodrum feeder let the chicks enter inside the feed pan during the chick period.

PAN FEEDING SYSTEM

BELEK / KAS

- ✓ The swinging tray of the feed pan allows an easy, fast cleaning with less labor
- ✓ The integrated in feed stopper allows the user to stop the feed to go the pan whenever not needed. This feed stopper also prevents the water to go inside the pan feeding pipe during cleaning.
- ✓ Feed flow can be provided equally from the 'chick feeding window' from the feed pan's cone when the system is on the ground.
- ✓ The feed height level adjustment on the pan allows easy feed level adjustment in 6 different stages for each pan.
- ✓ Feed flow can be provided equally from the 'chick feeding window' from the feed pan's cone when the system is on the ground.



BELEK

KAS

Belek feeder with 14 arm grill offers easy feeding to the birds. The KAS feeder with 10 arm grill having wider feeding space is proving the same advantages of Belek feeder to layers, rearing breeders, ducks and heavy broilers.

999

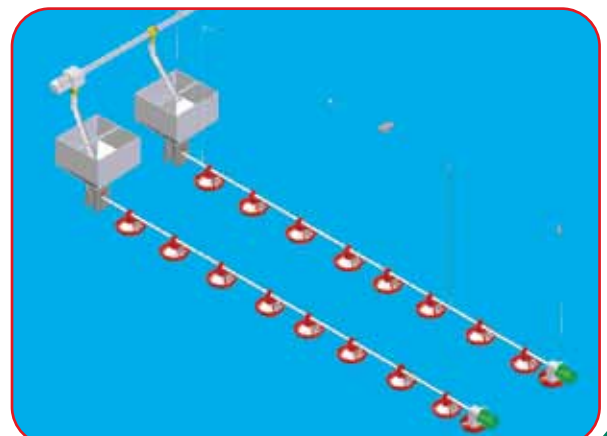


The 999 type feeder, which has proven its efficiency in broiler houses for many years, offers easy access from the first day and a very simple installation and cleaning process.



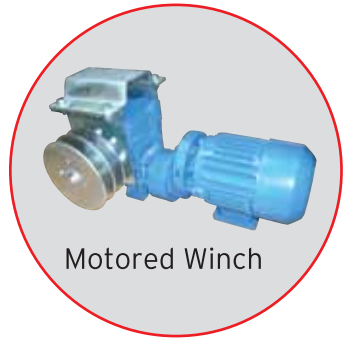
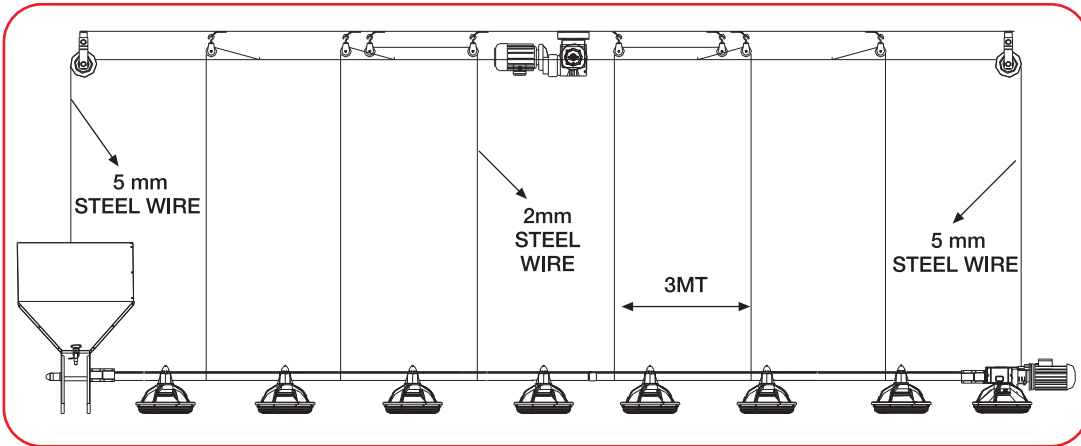
TECHNICAL SPECIFICATIONS

Maximum length of the system	180m	
Feed pipe can be supplied with 2, 3 or 4 holes	External diameter: 45mm Internal diameter: 42.6mm	
Standard drive unit:	50Hz, 3 phase, 350rpm Special voltages and powers are available on request	
Conveying capacity:	approx. 450kg / hour	
Suspension:	recommended to be at every 3 meters	
Hopper Alternatives	90 KG	170 KG
Single outlet	✓	✓
Double outlet	✓	✓

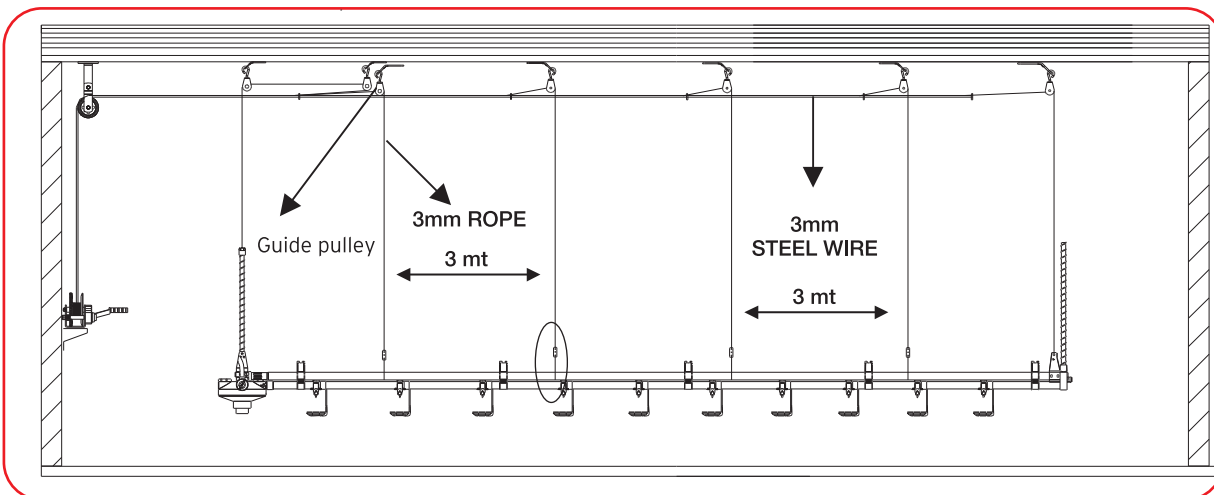


LIFTING

LIFTING WITH MOTORED WINCH



LIFTING WITH MANUAL WINCH



PULLEYS



80mm
STEEL
PULLEY



40mm
PLASTIC
PULLEY



22mm
PLASTIC
PULLEY

WALL & CEILING WINCHES



Wall winch 540 Kg
For nipple watering
up to 60m

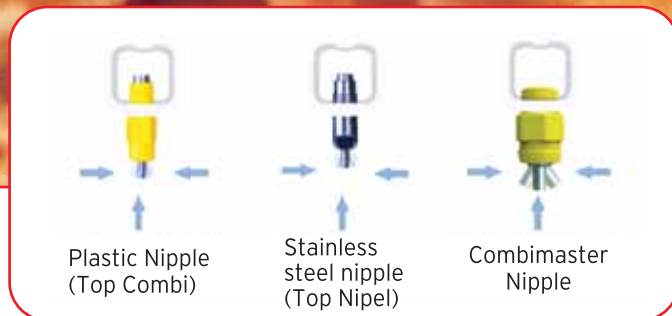
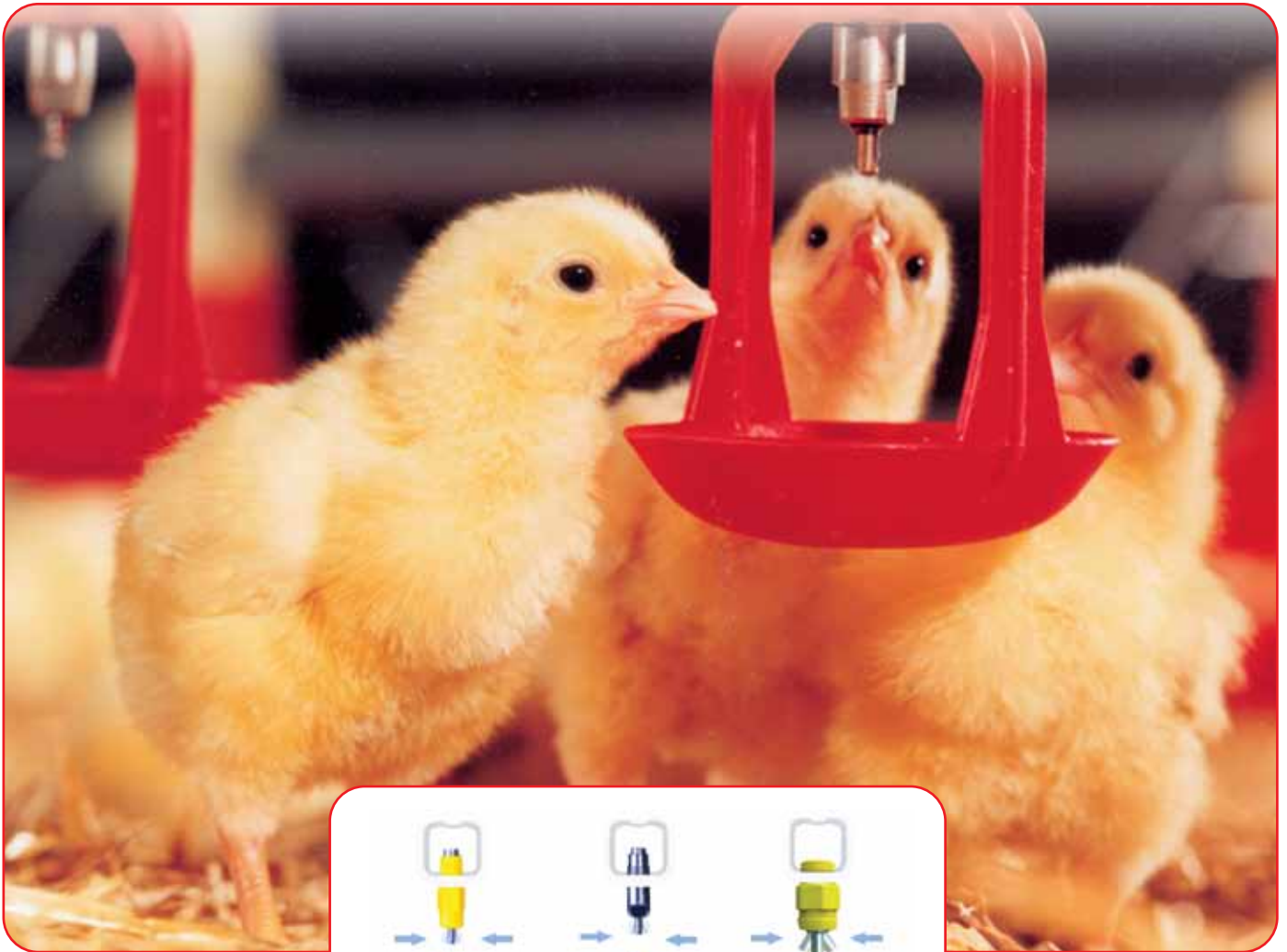


Ceiling winch with brake 900kg
For pan feeding lines up to
60meters and nipple watering
lines up to 120meters



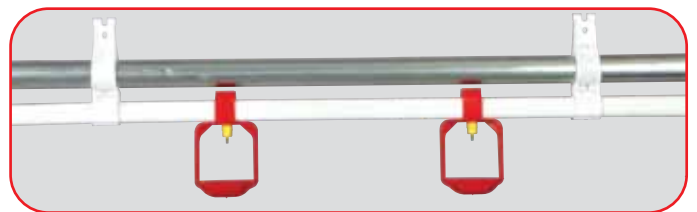
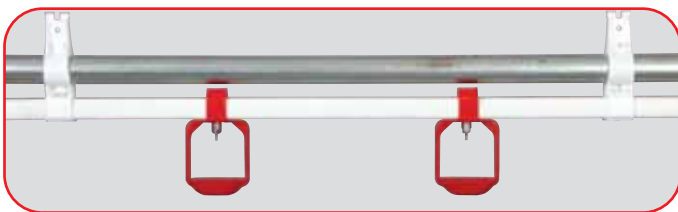
Ceiling winch 1350Kg
For pan feeding
over 60m

NIPPLE WATERING



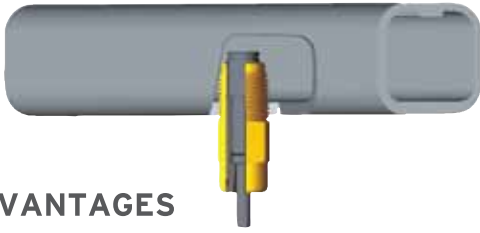
The high-quality stainless steel 'top-nipple' has a flow rate of 30-40cm³/min with sideways and 70-80cm³/min with upwards (at 3mm vertical lift) action. All flow rates are valid for 20cm water column. The nipple pipes can either be supplied by an aluminium profile or with a galvanized pipe support.

Alternatively the system can be supplied with "top-combi nipple" having the same flow rates. The only difference is that the outer housing of the stainless steel nipple is covered with a high-quality plastic. Top Nipple and Top-Combi Nipple watering units are available with single-arm and double arm drip cup.



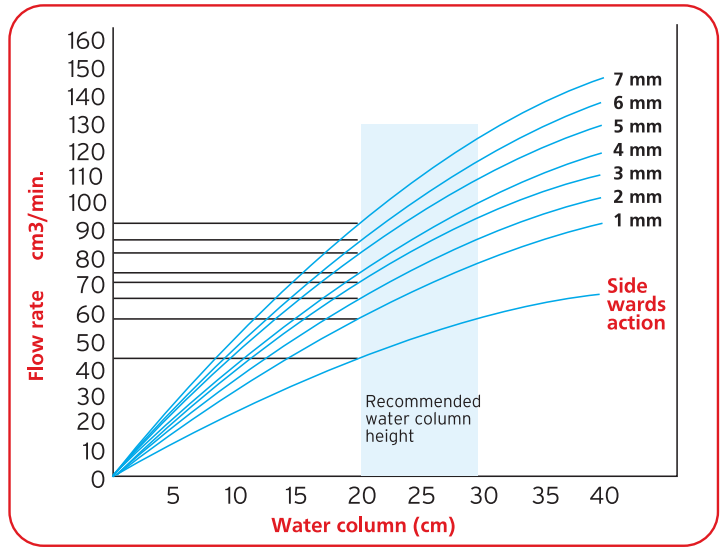
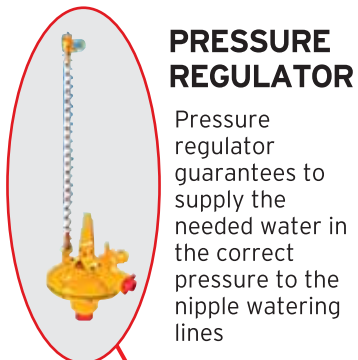
The nipples used in TAVSAN nipple watering system are made of top quality stainless steel. The plastic components offer a very long life time with their quality.

NIPPLE WATERING

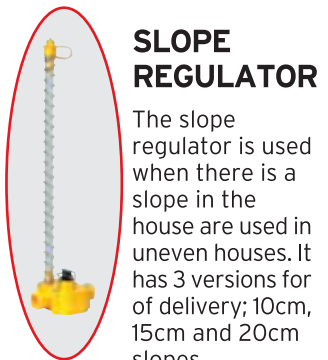


ADVANTAGES

- ✓ Offers water to the birds from day 0 until the slaughtering age.
- ✓ Offers continuous fresh and clean water
- ✓ Easy cleaning and maintenance
- ✓ High efficiency, problem free
- ✓ Offers dry litter

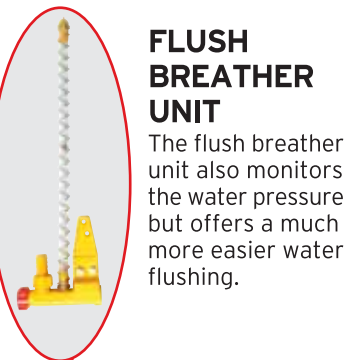
PRESSURE REGULATOR
Pressure regulator guarantees to supply the needed water in the correct pressure to the nipple watering lines



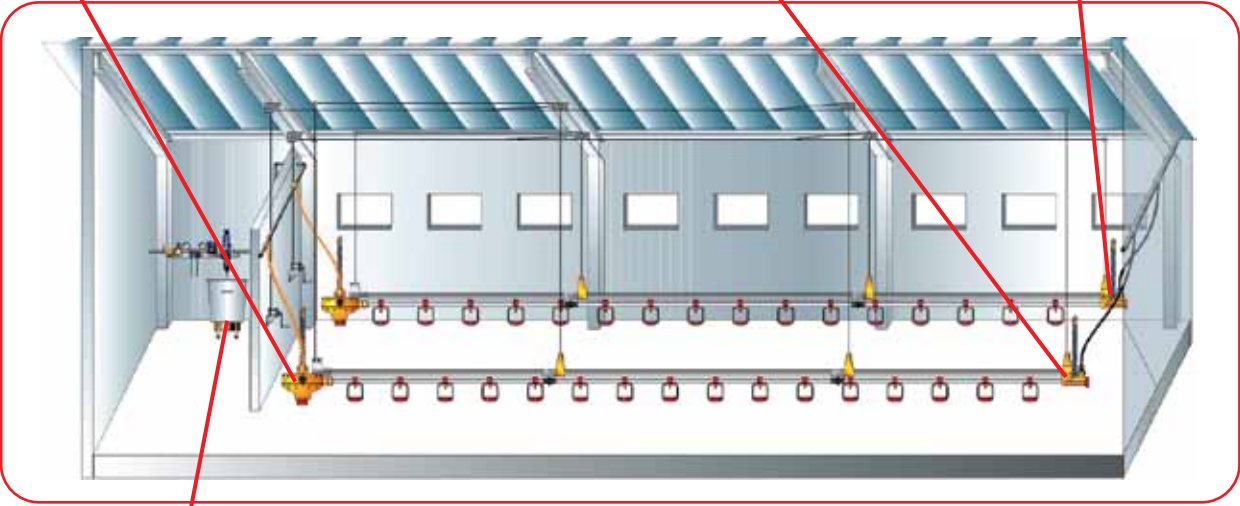
SLOPE REGULATOR
The slope regulator is used when there is a slope in the house are used in uneven houses. It has 3 versions for of delivery; 10cm, 15cm and 20cm slopes.



BREATHER UNIT WITH VALVE
Breather revolving unit is installed at the end of the drinking line.



FLUSH BREATHER UNIT
The flush breather unit also monitors the water pressure but offers a much more easier water flushing.




MIXER
The mixer offers the user to mix the vitamins and medicines with water continuously during medication process.



STARTER CUP
Starter cup offers fresh water to the chicks in the first days.

NIPPLE WATERING

COMBIMASTER NIPPLE

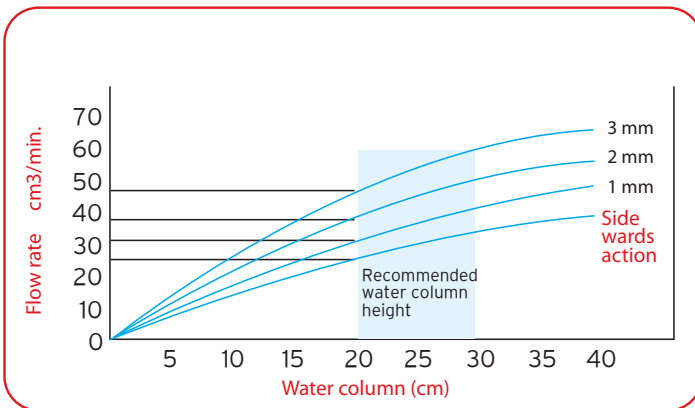


New

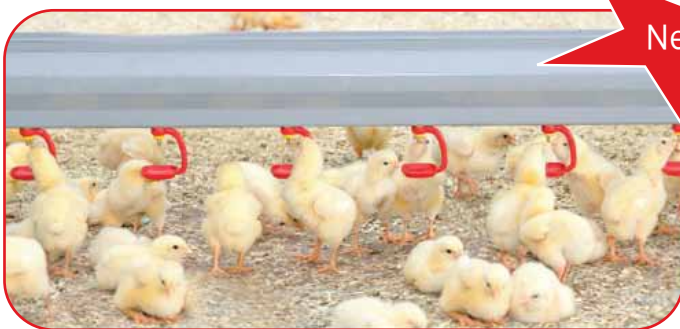


ADVANTAGES

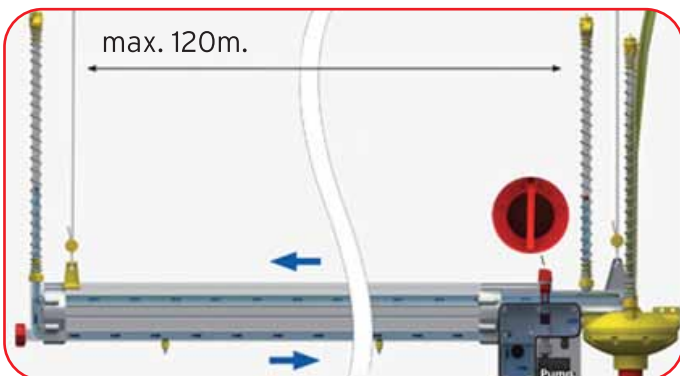
- ✓ High quality materials provide highest stability and highest functional safety.
- ✓ The nipple body rises only 4mm inside the nipple pipe to offer much more easy cleaning.
- ✓ The extremely smooth inner surface and the outstanding hygienical characteristics of the plastic material avoid deposits.
- ✓ The larger body facilitate the birds to identify the nipple easily.
- ✓ Easy cleaning
- ✓ Offers water to 12-14 broilers



TWINCLEAN LINE



New



ADVANTAGES

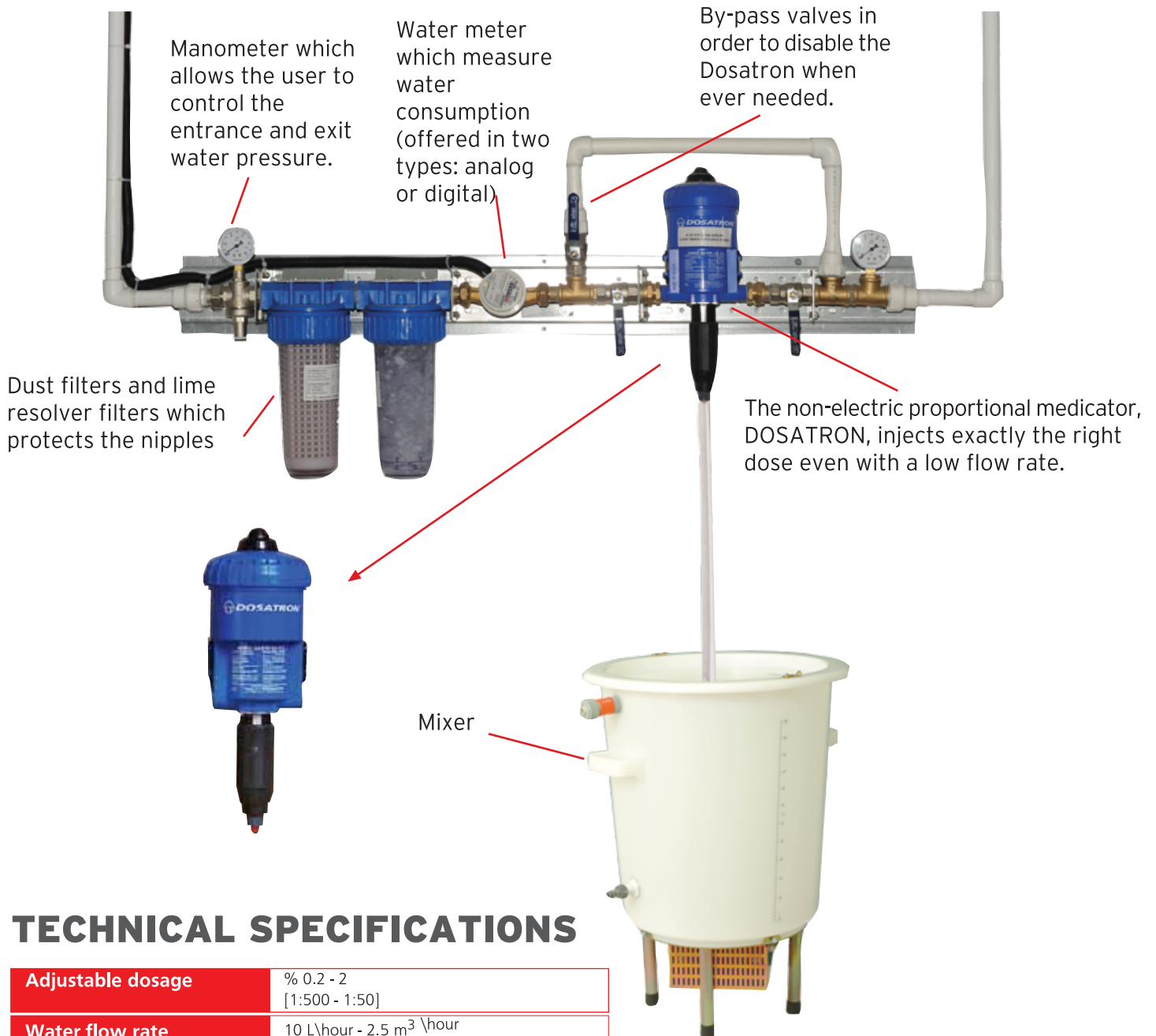
- ✓ Uniform water temperature in the entire drinking line.
- ✓ Uniform distribution of vitamins and medications.
- ✓ Drinking line with hygienic contour that allows easy and thorough external cleaning.

NIPPLE WATERING

MEDICATOR GROUP

This compact product is placed in poultry houses before nipple watering lines which offers all the needed controls for efficient watering.

Parts for medicator



TECHNICAL SPECIFICATIONS

Adjustable dosage	% 0.2 - 2 [1:500 - 1:50]
Water flow rate	10 L\hour - 2.5 m ³ \hour [0.16 L\min. - 41.66 L\min.] [1\3 US Pint\min. - 11 US GPM]
Operating pressure	0.3 - 6 Bar [4.3 PSI - 85 PSI]
Concentrate additive injection	0.02 L\Sa [0.011 US Fl oz\min.-0.22 US GPM]
Maximum water suction height	4 meters

ADVANTAGES

- ✓ The dosage remains precise, regular and constantly proportional.
- ✓ The Medicator is completely hydraulic and so requires no electrical connections.
- ✓ Precise dosing avoids waste.
- ✓ The liquid dispenser is easily installed in the water line.

FEED STORAGE & TRANSPORT



Tavsan silo and flex auger systems offers the user to store and transfer the feed fresh and clean.



1 The high-quality galvanization (350 gr/m²) and the corrugation lead to an excellent light reflection and prevent any greenhouse effect inside the silo.



2 Mechanical filling kit is a standard in all of our silos. Pneumatic filling is an option. Should you require, 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.



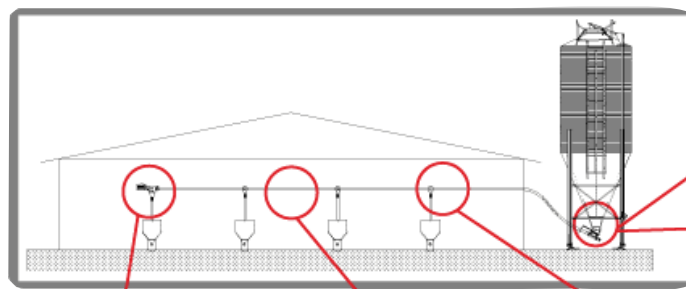
4 The standard ladder, safety cage and handrail are designed for maximum safety.



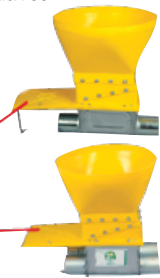
5 Extended ladder to the ground level is also available, as an option.



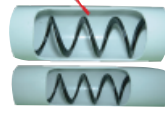
6 The thickness of funnel and roof sheet is 1,2mm



Feed in take boot alternatives



90 mm or 75 mm DRIVE UNIT



90 mm or 75 mm PVC PIPE

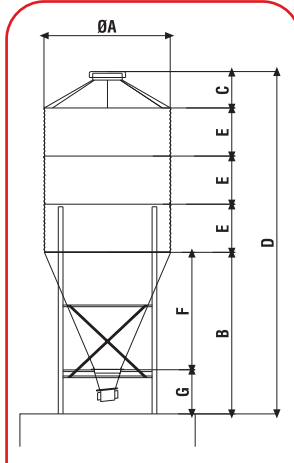
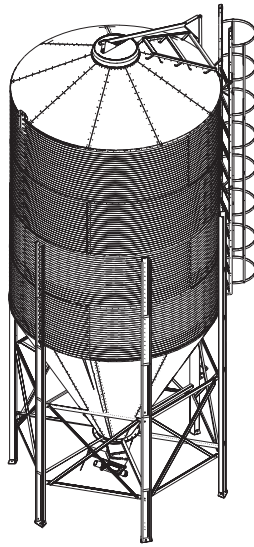
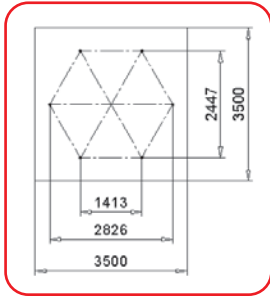


90 mm or 75 mm DROP OUTLETS

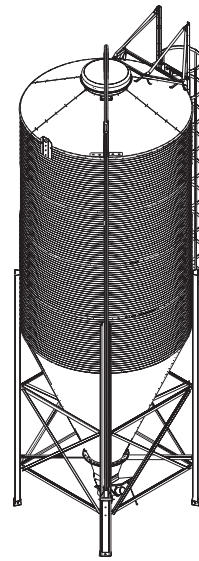
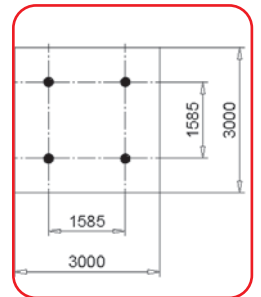
- ✓ TAVSAN silos are produced suitable to be filled with two types; Mechanical filling and Pneumatic filling.
- ✓ Mechanical filling silos, the feed is filled through the top cover which can be easily opened with an arm.
- ✓ Pneumatic filling silos the feed is delivered to the silo with air pressure. This way the feed trucks does not enter to the farm which offers high biosecurity.
- ✓ It is also possible to fix a syclon on the top of the silo. This way the feed which is delivered from the truck by high air pressure comes first to the syclon and slows down and then enter to the silo. This offers less damage on the pallet and also stops the dust which appears during filling process.
- ✓ Pneumatic silos, the feed filling pipes can be offered with two options; with flange and with coupler.

FEED STORAGE & TRANSPORT

Base concrete drawing for 6-leg silos



Base concrete drawing for 4-leg silos



6 LEG SILOS										4 LEG SILOS																			
CAPACITY (TON)	CAPACITY (m3)	DIMENSIONS(mm)						NUMBER OF RINGS	CAPACITY (TON)	CAPACITY (m3)	DIMENSIONS(mm)						NUMBER OF RINGS												
		A	B	C	D	E	F				G	A	B	C	D	E		F	G										
10,5	15,6	2742	2730	515	4855	805	2145	585	6 TON	9,4	2150	2730	500	4850	810	2145	585	2	8 TON	12,1	2150	2730	500	5660	810	2145	585	3	
13,5	20,5	2742	2785	515	5715	805	2185	600	10 TON	14,8	2150	2730	500	6470	810	2145	585	4	12 TON	17,5	2150	2785	500	7335	810	2185	600	5	
16,5	25,25	2742	2785	515	6520	805	2185	600	14 TON	20,2	2150	2785	500	8145	810	2185	600	6											
19,5	30,25	2742	2785	515	7325	805	2185	600																					

EXTENSION BOOTS

When the capacity of the standard flex auger system is not enough, feed extension boots can be used to deliver the feed to longer distances.

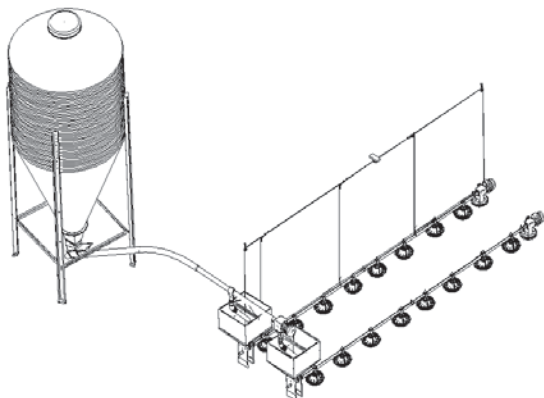


WEIGHING SYSTEM WITH LOADCELLS



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

TECHNICAL SPECIFICATIONS



Feed transport system	75mm	90mm
Feed transport capacity	1300 Kg/hour	2700 Kg/hour
Max. length of the system with inclination maximum	60m	42m
Max. length of the system straight line maximum	72m	51m
Max. length of the system with 1 extension boot maximum	117m	81m
Standard drive-unit* specifications	0,55Kw	0,55Kw
	0,75Hp	0,75Hp
	350 rpm	350 rpm
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

BELL DRINKERS

TAV 1C

TAV 2C

PULLET DRINKER

GÖKSU

DICLE BELL DRINKER

The ideal bell drinker that can be used for broilers, layers and breeder rearing. The weight ball mechanism allows the drinkers to work automatically on the floor as well as suspended.

- 1 CORD ADJUSTER
- 2 HANGER CORD
- 3 HOSE HOLDER
- 4 HOSE INLET
- 5 NUT FOR HOSE INLET
- 6 MECHANISM CAP
- 7 FILTER
- 8 O-RING FOR MECHANISM CAP
- 9 MECHANISM PIPE
- 10 WATER LEVEL ADJUSTER
- 11 NUT FOR LEVEL ADJUSTER
- 12 MECHANISM SPRING
- 13 SPRING FOR VALVE
- 14 PIN FOR VALVE
- 15 WASHER FOR VALVE PIN
- 16 WASHER FOR VALVE
- 17 VALVE BODY

MANUAL FEEDERS & DRINKERS

TECHNICAL SPECIFICATIONS	SUSPENDED FEEDER-20KG	SUSPENDED FEEDER-10KG	BUCKET FEEDER-8KG	BUCKET FEEDER-4KG	TRAY FEEDER
DIAMETER(mm)	411	352	304	278	353
RIM HEIGHT(mm)	72	67	38	38	33
RIM WIDTH(mm)	49	33	40	40	

TRAY FEEDER

The corrugated pan surface attracts the chicks to feed and also prevents them to sleep on the pan.

2.5 lt. CHICK DRINKER

5 lt. CHICK DRINKER

BUCKET FEEDER 8KG

BUCKET FEEDER 4KG

These two manual feeders are suitable to be used in chick period of broilers and also for the first phase of pullet rearing.

LIGHTING



The blue and green lights has a great effect on broilers. The green light makes the birds to be more active and stimulates them to look for feed and water. The blue light calms down the birds and lowers the stress on the birds. The blue and green lamps can be fixed on the lighting cable with the help of festoon fittings as per the requested spacing. Lamp cover protects the lamps from water during cleaning.

ADVANTAGES

- ✓ Increased uniformity
- ✓ Low electric consumption
- ✓ Long life
- ✓ Low maintenance needs

With the help of the dimmers the light intensity can be easily adjusted wherever needed.



Dimmer



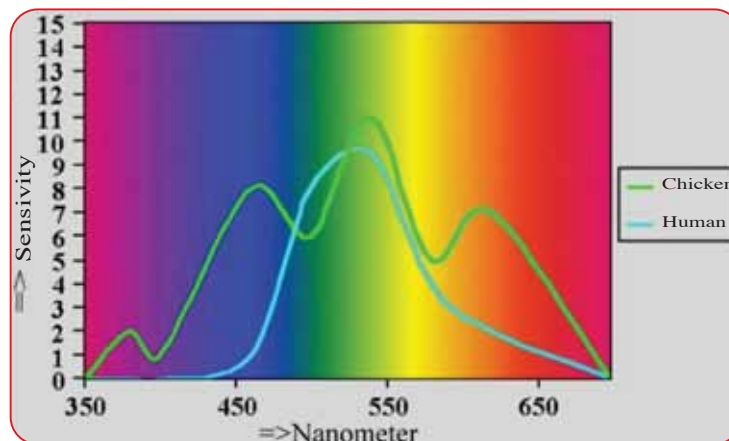
Adaptor



Electrical cable&festoon fitting



Lamp cover



Reception differences of the light wave length of human and chicken eye.





TAVSAN POULTRY EQUIPMENT is the oldest and the biggest poultry equipment manufacturer in Turkey. Since the establishment date, 1975, TAVSAN manufactures feeding, drinking, lighting, heating, ventilation, feed storage and transport systems and climate control systems. Beside manufacturing a complete range of equipment for livestock farming, TAVSAN also performs sales, marketing and after sales service to its customers.



TAVSAN INTERNATIONAL TRADE CO.
Dudullu OSB. Nato Yolu Cad. No: 267
Umraniye 34775 Istanbul/Turkey
P:+90 216 364 11 05 pbx • F: +90 216 364 66 30
www.tavsan.com.tr • tavsan@tavsan.com.tr