Dynamic AUTOMATION

THE FLOOR-WATERING SYSTEM CONSISTS OF THE FOLLOWING ELEMENTS:

WATER SUPPLY: The water should be of drinking quality. It is absolutely necessary to filter the water. Water is supplied via the header tank or via a pressure regulator with integrated flush facility. Both versions are available for the end connection or the middle connection.

DRINKING ELEMENTS: The drinking lines are supplied in assembled elements of 3m length. These elements are then coupled together through the length of the house.

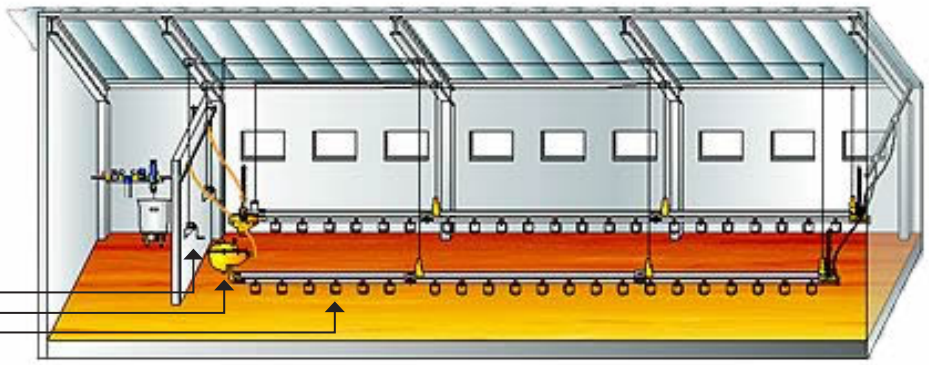
BREATHER UNIT: A breather revolving unit is installed at the end of the drinking line for the ventilation and the flush.

SUSPENSION: The suspension of the drinking lines is supplied via hangers which are clipped on the galv pipe every 3m. These hangers are connected with the plastic rope via ceiling pulleys with the central hoisting cable. The drinking line can be adjusted to the required height by the winches, or it can also be winched up easily to the ceiling for emptying and cleaning.

WINCH

PRESSURE REGULATOR

DRIP CUP



EXAMPLE OF A WATER LINE LESS THAN 60M USING A PRESSURE REGULATOR ON ONE END AND A FLUSH BREATHER ON THE OTHER END.

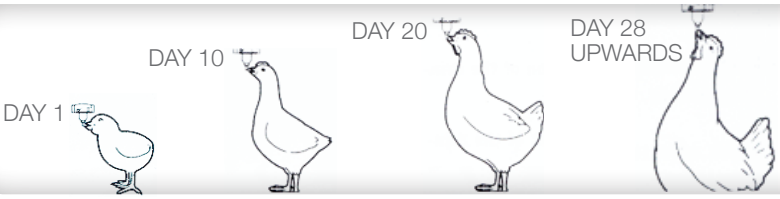
TOP NIPPLE

Standard broiler drinker systems start with a lever tap for isolating individual lines. From here the water flows through a hose into the **PRESSURE REGULATOR** where the pressure can be set accurately to ensure perfect flow rates. At the other end of the line the **FLUSH BREATHER** indicates that the line has sufficient water at the correct pressure setting.

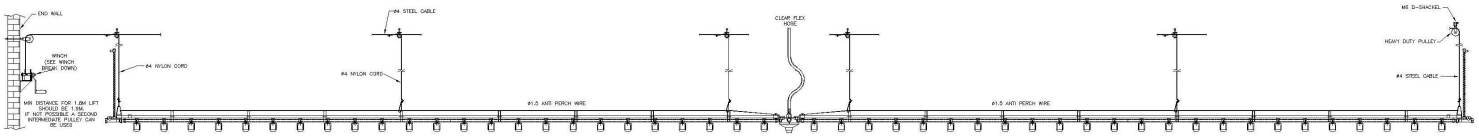
TOP COMBI NIPPLE

The 3m lengths of square PVC pipe is fitted with nipples at space settings (10 nipples per 3m) (12 nipples per 3m) and (15 nipples per 3m).
The system has evolved over many years but remains true to the original idea. The latest nipple, the **TOP NIPPLE,** has become the industry standard whether it be in entirely stainless steel form or the plastic bodied version.

The **TOP NIPPLE** is made from just 3 elements: the body, the top pin and the bottom pin. Even in the plastic bodied **TOP COMBI NIPPLE**, the contact points are all stainless steel to stainless steel. *You will not find neoprene washers that perish or ball bearings prone to blockages in nipples. All nipples are also available with reduced flow.* Each nipple is fitted with a plastic red cup called a snap on **DRIP CUP** which hangs just under the nipple to catch any water spillage preventing wet litter.



As the birds grow they drink by pushing or just touching the pin vertically or horizontally with their beak, thereby increasing the flow rate. By managing the height by using your **WINCH** to lower and raise the water line the broiler grower can achieve a perfect flow for his birds.



EXAMPLE OF A WATER LINE LONGER THAN 60M USING A PRESSURE REGULATOR IN THE CENTER OF THE LINE TO REGULATE WATER PRESSURE AND A FLUSH BREATHER AT EACH OF THE LINES.