



Unimix XL Unit

At its core the mixing unit is a versatile and universal controllable conditioning unit to prepare the irrigation water for your crop. All mixing units are custom built to suit your situation best. The mixing units can be applied in direct irrigation to fields, whether you are using overhead sprinklers or drippers, or in in-direct irrigation where the unit will be used to fill prepared stock tanks. In this case the irrigation to the field is done by means of pumps units. A combination of both is also possible.

Due to the use of a large mixing tank on the mixing unit the acid has a long time to react and lower the pH to the desired level before going out to the field. The result is an accurate pH in the mixing tank and hardly any deviation of the pH at the crop. Both the pH and EC are kept perfectly on set point due to the large mixing tank and continuous dosage.

We produce two standard mixing units XS and the XL. The XL is available in a range from 20m³/hour to 100m³/hour, with accurate fertilizer solenoid valves or motorized dosing valves, double EC and pH-sensors and an auxiliary pump to feed the venturi-injectors. Optional is an added venturi for safely transferring the acid from the jerrycan into the acid-tank. The XL is equipped with a basin pump to take the water from the basin to the mixing tank and an automatic cleaning filter to protect your sprinklers and drippers from blocking.

ADVANTAGES

- Fully adjustable to your wishes and demands
- Easily controlled by a climate computer
- Proven to be effective and reliable; in the past years Hortilife has supplied more than 100 mixing units to dealers and end-users around the world

CHARACTERISTICS

- Capacities from 5m³/hour up to 100m³/hour
- Versatile
- Accurate

OPTIONS

- With or without drain recirculation
- Multiple sets of AB or ABCD fertilizer stocks can be applied
- Solenoid valves for additional dosage of chemicals, medicine or disinfectants
- EC- and pH-sensors for drain premixing
- Temperature sensor irrigation water



ACCURATE AND CONTINUOUS DOSAGE

The XS is available from 5m³/hour up to 30m³/hour. The fertilizer is injected with a combination of venturi's and solenoid valves. The double set of EC and pH-sensors guarantee a reliable measurement of the water inside the mixing tank.

