Heron Dosing Rigs

Heron Feed Dosing Systems

Inline Feedback Feed Dosing System	
Application	Wrap around system pump
Injectors	2 x EC (std.) + 1 x Acid (optional)
Control	Stand alone or via Heron irrigation controller
Dosing control	Measurement of EC or Proportional Injection (optional)

Inline Booster Feed Dosing System	
Application	After system pump
Injectors	2 x EC (std.) + 1 x Acid (optional)
Control	Stand alone or via Heron irrigation controller
Dosing control	Measurement of EC or Proportional Injection (optional)

Mix Tank Feed Dosing System	
Application	Buffer tank "premix" between storage tank and booster pump
Injectors	2 x EC (std.) + 1 x Acid
Flow Rate	Three basic models: 12,000L/hr, 24,000L/hr & 32,000L/hr
Control	Stand alone or via Heron irrigation controller
Dosing control	Measurement of EC or Proportional Injection (optional)

Heron Acid Dosing Systems

Direct Acid Dosing System	
Application	Acidification of water as it enters a water storage tank
Flow Rate	Up to 12,000L/hr
Probes	2 x pH Probes
Concentration	Up to 60% Nitric Acid

Circulating Acid Dosing System	
Application	Acidification of water via circulation of water storage tank
Flow Rate	Up to 12,000L/hr
Probes	2 x pH Probes
Concentration	Up to 60% Nitric Acid

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Direct & Circulating Acid Dosing System

Application	Direct acidification during filling, and circulation of water storage tank
Flow Rate	Two basic models: up to 20,000L/hr & up to 40,000L/hr
Probes	2 x pH Probes
Concentration	Up to 60% Nitric Acid

Mix Tank Acid Dosing System

Application	Direct acidification into system without a water storage tank
Flow Rate	Two basic models: up to 12,000L/hr & up to 24,000L/hr
Probes	2 x pH Probes
Concentration	Up to 60% Nitric Acid

System Integration:

All units can be applied as stand-alone systems, or be integrated into and controlled by a separate Heron irrigation controller. This allows the user full functionality of the dosing system, such as the allocation of recipes to valves or valve groups, etc.

Sensors:

Heron offer a range of sensors that can be applied to an integrated system, such as light sensors, temperature sensors, humidity sensors, etc.

Communication:

Direct PC or Mobile Phone operation, or access to the unit via "the cloud" from any PC can be considered. These features offer a range of user friendly controls to get the best out of your system.

Spares:

A full range of spares are available, inc. consumables such as pH sensors.