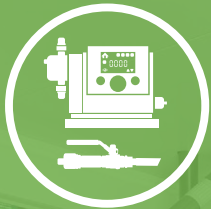


# Dosing standard skid



Dosing standard skids (DSS) are designed to feed liquid chemicals from a supply source to an injection point



The DSS range consists of pre-engineered, reliable chemical dosing systems. The systems are piped on a common skid, complete with components and controls, and are fully tested to ensure easy installation on-site.



# Dosing standard skids (DSS) are designed in a fully enclosed cabinet providing a chemical barrier to protect operators

The DSS range consists of pre-engineered standard two pump systems, all piped on a common skid complete with components and controls. These pre-designed skids are cost-effective as the engineering and design costs are eliminated.

The standard plug-and-play design reduces lead times, to enable fast delivery. The skids are tested and pre-commissioned in our workshop to ensure quick and easy installation on-site.

## Key components

- 160+ standard designs
- Fully enclosed cabinet
- Duty/standby dosing pumps
- Rigid PVC suction manifold with in-line strainers to protect the pumps from foreign particulate matter
- Pressure relief valves on each pump to protect the system from high pressure failure
- PVC pressure loading valve ensures accuracy of the dose rate and prevents chemical siphoning through the system
- Drain/flush system
- Calibration cylinder to test pump settings
- Pressure gauge with protector
- Pre-wired termination panel c/w pump input and output signal cables
- Pre-mounted 56 Series SPOs on skids and plugs on dosing pumps
- Options: dampeners, check valves, flow meter and dilution line



## Benefits

- Barrier protection for operator safety
- Cost-effective
- Reduced lead times - quick delivery
- Plug and play installation
- CAD drawings, operation manuals and P&IDs immediately available
- Versions for most chemicals
- Accurate, reliable dosing
- Tested and pre-commissioned
- Skids can be manifolded together
- Footprint dimensions available for use in civil design of the plant

## Processes

- Disinfection
- Anti-corrosion/scalant
- Precipitation/flocculation
- Coagulation
- Reverse osmosis
- PH adjustment
- Cleaning-in-place
- Biocides
- Filtration
- Softeners

## Applications

- Drinking water
- Process water
- Wastewater
- Recycle and reuse
- Dust suppression
- Odour control

## Selection criteria

To find the DSS suitable for you, the information required is:

Pump size	DDA7.5, DDA12, DDA30, DME375 or DME940	
Capacity	From virtually zero up to 940L/h (duty/standby) and 300L/h (duty/duty)	
Chemical group	1	Sodium hypochlorite. All acids to 96% solution. General chemicals
	2	Ammonia, alum, antiscalant, SMBS
	3	Sodium hydroxide, soda ash, copper sulphate
	4	Calcium hypochlorite, ferric and ferrous solutions



## For further information

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