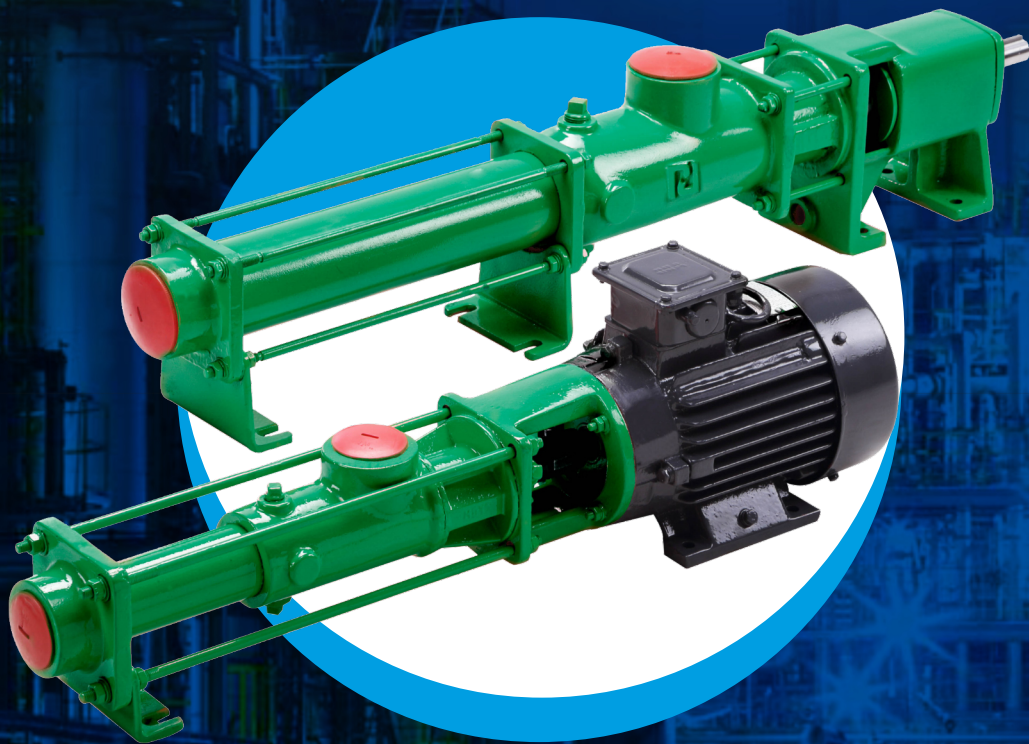




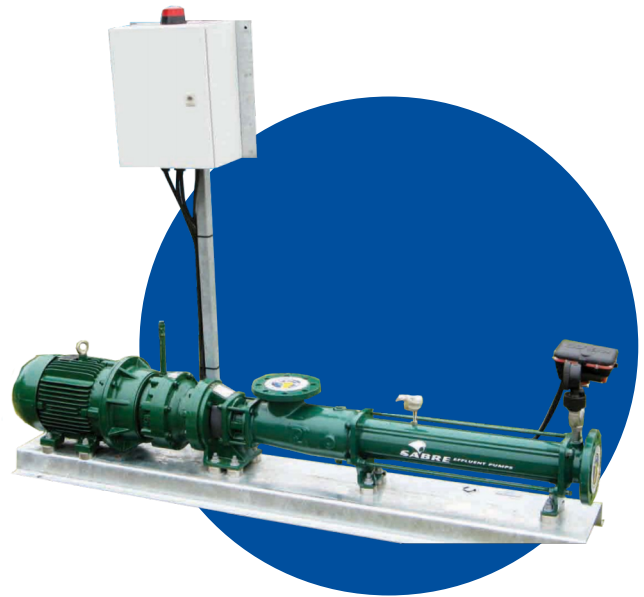
# PROGRESSIVE CAVITY PUMPS



[www.pumpandvalve.com](http://www.pumpandvalve.com)

# SABRE EFX EFFLUENT PUMPS

In an increasingly demanding environment, heavy duty solutions are required for the transfer and process of cow shed effluent. Sabre offer the toughest solutions with their range of progressing cavity pumps. Sabre pumps are heavily built units that can handle the rigors of daily usage and have smarts that make them the best choice on the market today.

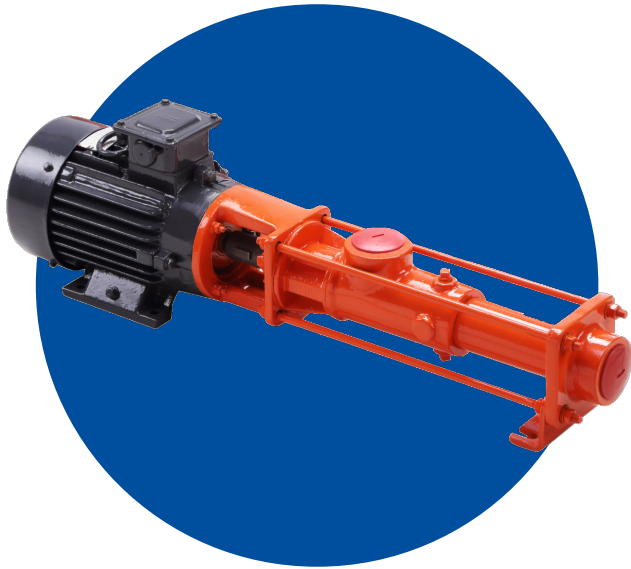


## FEATURES

- 24 month warranty on our superior Cardin universal joint system.
- 12 months warranty on all other components.
- Heavy duty galvanised dipped baseplate fully supports pump and motor for ease of maintenance.
- Standard IEC flanged IP55 motors are used.
- Rotors in 410 s/steel and hard chrome plated = harder stainless and better wear life.
- Self priming, non clogging operation with high suction lift capabilities.
- Drawn power directly fluctuates to the system pressure, eg; low pressure equals low power consumption.
- More consistent irrigation pattern across the farm due to a more consistent flow rate.
- Pumps are tested and pre-commissioned in-house before dispatch.
- Heavy duty bearings - pump with peace of mind.
- No high tension bending shaft - Sabre's over engineered sealed universal joints take out the elliptical motion professionally.
- Extended pump end geometry - reduces rubbing velocity and increased parts life, while maintaining zero leakage.
- Flows from 3l/sec - 18.4l/sec.
- Pressures to 115 meters.  
3-15kW.

## APPLICATIONS

**Dairy effluent** pumping  
**Green water** pumping  
**Raw effluent** pumping



## TIRRANA AGCA SERIES STOCK WATER PUMPS

Tirrana AGCA series Stock Water pumps offer high pressure fixed flow transfer of water from dams, creeks and shallow wells. They are particularly suited for transferring stock water to tanks up hills or over vast distances. The progressive cavity pumping action means that the pumps can handle small amounts of sand, silt or debris (e.g. algae) that would normally block the fine clearances of a multistage centrifugal pump.

These pumps are available as a bare pump or as a 'Plug and Pump' package complete with high- and low-pressure cut-out and a flow switch).

Tirrana AGCA series pumps are ideal for replacing existing piston pumps.

## FEATURES

- Pressures up to 120m
- Flows to 4.2 litres per second
- Single phase (3 phase available on request)
- Ideal for replacing piston pumps
- Rotary Positive Displacement: Uniform nonpulsating metered flow proportional to speed
- Inherently self-priming: Head developed independent of speed.
- Avoids use of foot valve.
- Inherently non-clogging: Ability to handle entrained air/gas in fluid.
- Handles high percentage of suspended solids

## APPLICATIONS

- Effluent field irrigation
- Stock/domestic water supply
- Transfer from dams and creeks
- Water containing sand or silt
- Salty water



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