



New HPP Pumps - EF and ES Range

This new range of triplex in-line plunger pumps features stainless steel heads.

- Pump body: aluminium alloy
- Symmetrical crankcase featuring top and bottom fixing for easy right to left shaft conversion
- Head: stainless steel.
- Camshaft: forged steel
- Splash lubrication
- Crankshaft has tapered roller bearings, oversized for long life.
- Connecting rods: steel with thin-shell big end bearings.
- Piston rods are in stainless steel.
- Solid ceramic plungers.
- **PATENTED** stainless steel suction/delivery valves featuring spherical design of sealing areas.
- Seals: high dependability with low-pressure lubrication and recirculation chamber.
- Versions with direct drive, or with a side gearbox available in 3 gear ratios and positioned on the right or left of the pump at 0° - 45° - 90° - 135° - 180° from the horizontal plane.

EF-EFR Range

88 l/m @ 250 bar up to 183 l/m @ 120 bar



ES-ESR Range

106 l/m @ 250 bar up to 220 l/m @ 140 bar



Sugar Dispensing Unit

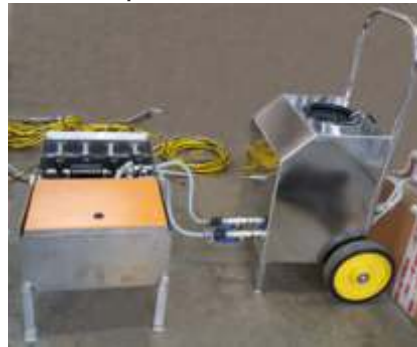
We all love Malva Pudding. However, when it is manufactured there is a need to apply a sugar solution accurately. The photographs below show a computerised, 4-gun, dispensing machine where the PLC times the spray/pause sequence to increase production efficiency, which was designed and built in Durban.



Computer Box



Spray Gun

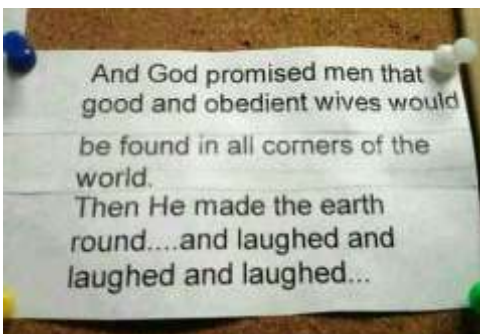


Sugar Dispensing Unit

Dust Suppression for Crushers

A customer needed a dust suppression system where a fine mist is required to remove the bulk of the dust created when rock is crushed at a quarry.

The conveyor transfer points have a similar situation and a shroud of mist solves the



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