

# Mono® Is The First Choice For A Successful Summer Season



Mono has had another success with the installation of a Mutrator packaged pumping system at the Country Choice Caravan Park near Tewkesbury in Gloucester.

With important maintenance work being carried out to prepare for the new season, as at many such sites, the park's existing pumping equipment was in need of an upgrade. Site owners Mr. and Mrs. Rudd therefore contacted Mono to solve their pumping needs and provide an up-to-date packaged system with easy access, in the event of any maintenance work. The Mutrator packaged system comprises duty and standby Merlin progressing cavity pumps, together with two tri-hammer macerators, fitted into the suction line. This equipment replaced the park's old pumping system which was demolished to allow the Mono Projects Team to install the new equipment in its neat and unobtrusive new housing. The finished project provided a clean and dry working environment with an efficient and effective pumping system and easily accessible controls.

The Merlin pump uses its positive suction action to lift the wastewater into the cutting chamber of the macerators. The macerators ensure that any fibrous or solid objects are finely macerated to eliminate the risk of pipework blockages and allow the sewage to be pumped at 2.5m<sup>3</sup>/h into the main sewage system for further treatment.

The positive displacement action of the Merlin pump offers the benefits of smooth and controlled transfer of the sewage through small bore pipes into the main sewage system for further treatment. Being a positive displacement pump, head is independent of speed. This, combined with correct pump selection, leads to low wear rates, minimal spares usage, lower running costs, less downtime and hence Least Whole Life Costs. On many high head pumping duties, Mono Mutrators can consume less than 50% of the energy of conventional sewage pumps.

The Mutrator range has various design options to suit specific applications. Mutrators can be mounted vertically or horizontally to give the lowest possible design / construction costs and can be installed into an existing pump house or supplied as a complete sewage pumping station, ready to be installed and operational within 2 hours of delivery.

Mono prides itself on its capabilities in providing a total design, manufacture, installation, commissioning and maintenance package.

Mutrator:	2 off M18C Macerators 2 off CAA12 Merlin Pumps
Product:	Raw Sewage
Capacity:	2.5m <sup>3</sup> /h
Pressure:	1 bar
Pump Speed:	1450 rpm
Drive:	1.5kW motors



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**Mono®**

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