



Mono[®] Provides Packaged System Benefits for Prestigious Hotel

One of the most prestigious hotels in England is enjoying the benefits of a Mono Pumps Grifter packaged pumping system. The Grade 1 listed Great Fosters Hotel in Egham, Surrey, chose the Grifter system to pump effluent from the hotel into the main sewerage system, making its decision based on the Grifter's ability to provide an integrated, all-in-one solution which offers easy installation and low operating costs.

Designed specifically to meet domestic requirements for handling raw sewage, the Mono Grifter system first uses a macerator to reduce solids within the flow to small particles, making it suitable for onward pumping by a Mono progressing cavity pump. The Grifter system incorporates a 0.75 kW motor, plus suction and delivery pipework, non-return valves and rising main isolator valves, which are all factory pre-assembled into an insulated and reinforced glass-fibre housing.

The macerator acts as an effective protection device for the pump, whose suction capacity is used to draw effluent from the sump into the cutting chamber. Fibrous materials, paper and textiles are macerated by the impeller, while heavier and more solid objects fall out of suspension and back into the sump for easy removal. The positive displacement action of the pump means that head is independent of speed, allowing slow speed operation while maintaining high

head pressure. This contributes towards low wear rates, increased component life and subsequently, low maintenance costs.

The Grifter's ability to both macerate and pump allows the use of low-cost, small bore rising mains. Combining all components into a single, insulated and lockable housing greatly eases the tasks of site delivery and installation, and means that a Grifter unit can be fully operational within 2 hours of arrival. The housing's design allows easy and hygienic maintenance access and includes an integral control panel.

The various models in the Grifter range can handle capacities of between 1.7 and 4.0m³/h at pressures up to 3 bar, making them ideal for use in golf clubs, railway stations, marinas and other groups of populated, but remote properties.

Grifter:	M12B4800S1 Grifter Packaged Pumping Station
Product:	Raw Sewage
Capacity:	3.6m ³ /h
Drive:	0.75 kW motor



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Mono[®]

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