

# Case study 656

## Sykes Pumps provide pumping solution for renovation scheme

When an Eastbourne theatre became the subject of a largescale renovation scheme, Sykes Pumps was asked to help oversee a particularly sensitive phase of the project. The overhaul led to much of the original building being demolished, including the existing sewer. It was therefore imperative that a diversion was set up to ensure the outflows from the old toilet block could be redirected to a local manhole.

We needed to divert the waste over a wall in order to achieve this, making it slightly trickier than a straightforward pumping application. Fortunately, Sykes Pumps' extensive range of units ensures we have the capability to handle even the most obscure jobs.

Two specialist JS750 single phase submersible pumps were recommended following a site survey, each fitted with non-return valves and 3" wire-armoured hose. A separate standby unit was also provided in the event of any issues on site, but this was not required.

The customer, originally concerned that the project may be too complicated, was quickly reassured once our solution was in place. Our engineers were very careful to calculate the correct flows and distances before recommending the equipment mentioned. A slight adaptation could have changed the entire pumping scheme and necessitated an arrangement consisting of 3-phase units because of power and size.

However, everything worked to perfection at the first time of asking and left our client reassured enough to retain our pumps on hire longterm.



Weight (kg) 25.4Kg  
Dimensions (mm) (HxLxW)mm: 530 x 340 x 170  
Motor Type (V) 110v 50Hz  
Discharge Spigots 3" Bauer  
Motor Rating (kW) 0.75kW  
Cable termination 32A 4 pin appliance inlet (plug)  
Max Power Input (kW) 1.0kW  
Cable length 20m  
Running Current (Amps) 9.0 Amps



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