

# Case study 654

## Sykes Pumps Hire assist with housebuilding development project

During the busy festive period, a basement and groundworks contractor contacted Sykes Pumps in desperate need of assistance with their housebuilding development in Stone Cross, East Sussex. They sought a pump on site immediately to keep water levels down on an existing excavation scheme. Failure to provide suitable equipment would have left the very real prospect of nearby tenants suffering flooding, which was simply not an option.

It was stipulated that any pump hire solution would need to be as quiet as possible, and fully automatic in operation.

With those conditions in mind, a local expert proposed the use of a 4" super-silenced pump that would easily accommodate the required flow and comply with noise constraints. A 1000-litre fuel tank was connected to ensure the client would not need staff to attend site regularly to top up on diesel. An automatic float control was also fitted so that the pump would only start when needed – preventing unnecessary energy costs.

Despite the fact a pump rental solution was requested only hours before the site was due to shut down over Christmas, we delivered and installed the equipment within hours of being contacted. The pump and fuel tank were connected as soon as our engineer reached the location, providing the customer with peace of mind during a potentially sensitive period.

As expected, the customer was extremely happy with the rapidity of our service. In fact, the pump has proven so effective since deployment that it remains on hire two months later.



Performance: Max head: 31 m  
Max flow: 45 l/s  
Max solid: 44 mm  
Weight: 1685 kg with fuel  
1500 kg without fuel  
Dimensions: 2137 x 1250 x 1535  
(L x W x H) mm  
Noise level: @ 7m = 58 - 65 dBA  
Fuel tank capacity: 158 litres. Max 24 hours  
Pipe connections: Suction: 4" Table D  
Discharge: 4" Table D  
Bauer couplings option  
Fuel consumption: Full load @ 1800 rpm:  
5 litres/hour



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