

Case study 641

Pump hire replicates african waterfall

At Sykes Pumps, we are frequently approached by international film companies to help create specialist scenes that require huge volumes of water. Our broad range of equipment and accessories ensure that clients are able to capture even the most ambitious pictures, which is why our technicians are no strangers to the country's most renowned TV and film studios.

The producers of an eagerly-anticipated Disney remake were extremely keen to try and replicate an African waterfall scene, prompting Sykes Pumps to be contacted before filming could begin. In order for this to look authentic, the customer stipulated that the drop would have to be from as high as possible. A suitable pump hire solution capable of fashioning the desired special effect was therefore needed once specifications and dimensions were outlined.

We supplied the client with six High Performance pumps housed in silenced canopies, as well as a large quantity of high pressure pumps and fittings. It was important that covert, quiet units were deployed because noisier pump engines may have interfered with the recording. The complexity of our pump hire arrangement also meant delivery times had to be strictly adhered to – as pipework provided had to be built into the set itself.

Our engineers were always in close contact with operatives working on site, facilitating the smooth completion of what was, at the time, a highly-sensitive project. Once the pumps were commissioned, the filmmaker was perfectly equipped to capture an eye-catching clip for one of 2016's highest grossing movies.



Performance Max head: 135m, Max flow: 375 l/s, Max solid: 60mm
Weight 9600kg
Dimensions (mm) 5400 x 2300 x 2570
Noise level @ 7m = 71dBA
Pipe connections Suction: 8" Table D, Discharge: 6" Table D, Bauer couplings option
Fuel consumption Full load @ 1600rpm: 106 litres/hour
Energy efficient duty point Fuel consumption @ 1500 rpm: 92.5 litres/hour



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