

Case study 650

Sykes provide pump hire package for leading university

A leading university in West Sussex recently contacted Sykes Pumps in search of a temporary pump hire package that would assist with the construction of a new engineering and technological facility.

As part of the first phase of the project and the ground-works for the scheme – including a sewer diversion on a live student campus – a safety critical over-pump was required while a section of the existing sewer main was replaced.

After conducting a site survey, a Sykes engineer devised a practical solution and recommended deploying two 8" electric submersible pumps located in two manholes at the site, as the best way forward. Once installed, the tailored over-pumping solution was successfully used to divert the flow from the manholes to a section of the main located 80 metres away.

Our specialists also provided the customer with two 8" Wispaset super silenced and 8" diesel pumps, which were used as standby, in case the flow exceeded the capabilities of the submersibles.

Our pump rental allowed the highly-esteemed university to maintain their high standards of health & safety and sanitation during building works on campus. Installation of the new sewer section is expected to take around four weeks with the short-term pumping equipment in place for the duration of the project.



Weight (kg) 425Kg
Dimensions (mm) Guide rail configuration (HxW)mm: 1195 x 690
Free Standing configuration (HxW)mm: 1390 x 1210
Motor Type (V) 415v 50Hz
Discharge Spigots 8" Bauer
Motor Rating (kW)14 kW
Cable termination Tails, lugs or 32A 4 pin 415V appliance inlet (plug) for non-Ex
Max Power Input (kW)16 kW
Cable length 20m
Running Current (Amps) 27.7 Amps
Running speed 1450 rpm
Discharge port (mm): 200
Suction inlet port (mm): 200



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