

Case study 635

Sykes Pumps assist monumental loadout scheme

At Sykes Pumps, we are extremely well-rehearsed in assisting heavy transport companies load burdensome structures onto barges and other awkward applications. Our equipment is regularly sought to help counterbalance vessels during this particular phase of haulage – pumping water in and out of various compartments to ensure constant stability. By using this method, steel modules, bridge components and other heavy-duty edifices can be safely eased on to a barge and delivered to an end location across sea.

Our expertise in this particular field has seen as work on a number of similar projects – including one that saw us help a worldwide resource company transport a 620-ton gas unit to Norway from the River Tyne. The innovation in question took almost eighteen months to manufacture in total, costing several million pounds in both materials and labour before leaving a port in Newcastle.

The client who arranged the job normally provide their own pumps, but the sheer magnitude of this particular assignment stipulated that additional units would be required from elsewhere. Our Sedgefield depot received a late enquiry just three days before ballasting was due to commence and so equipment was delivered to site a few hours after initial contact was made.

We supplied more than twenty General Purpose pumps and took steps to ensure each unit was operating at fully capacity before the final stage of the project began. One of our expert engineers remained on site at all times per the customer's request, offering technical assistance throughout until the gas section was on board the barge.



Weight 1230 kg with fuel/1133 kg without fuel

Dimension 2100 x 1500 x 1635

Performance Max head: 38 m / Max flow:

90 l/s / Max solid: 52 mm

Fuel Tank Capacity 122 litres. Max 24 hour with cleaning and flushing facilities

Fuel Consumption Typical fuel consumption on full load @ 1800 rpm: 5.5 litres/hour

Pipe Connections Suction: 6" table D, Discharge: 6" table D, Bauer couplings option: 6"



SYKES PUMPS 

HIRE SALES SERVICE INSTALL

0800 211 611

sykes-pumps.com