

Case study 603

Blast furnace assisted by Sykes

With over 150 years of experience providing clients from industrial sectors with temporary solutions, Sykes Pump Hire have both the understanding and depth of resources to handle requirements on any scale. As a company, we recognise that manufacturing processes are tough enough propositions without businesses having to worry about acquiring the right equipment for their application. Our huge range of pumps and nationwide depot network guarantee we can accommodate customers anywhere in the UK, which is why we have established ourselves as the country's leading specialists in the field.

Our ability to tailor systems according to the environment in which they are deployed enables us to offer assistance irrespective of circumstance. A recently opened smelting furnace in North Yorkshire faced a long period of downtime when its permanently installed pump broke down unexpectedly. In order to continue operating and guard against vastly reduced levels of output, a substitute pump had to be immediately sourced to ensure that the flow of water at high pressure was able to continue in order to support the manufacturing process.

Our highly experienced engineer was sent to conduct a site survey around lunchtime, in order to gain a better understanding of the project's urgent nature. A recommendation was made by him, based on his findings, and by the evening a UVO 200/150F high head pump had been delivered. Sykes engineers then oversaw what was an extremely complex installation, but the entire system was up and running before the end of the day.

This particular pump was selected for use on the blast furnace because of its sustained yet efficient functionality, as well as being very simple to maintain. Such was its effectiveness in overriding the client's broken equipment, our pump remained in constant use until the necessary repairs were completed.



Weight 8680 kg with fuel, 6570 kg without fuel
Dimensions (mm) 5330x2385x2167
Performance Max head: 135m, Max flow: 375 l/s. Max solid: 60mm
Fuel Consumption (max) 111l/h
Pipe connections suction 8" Table D, Discharge 6" Table D
Engine Type: Volvo TAD1630P, Power: 388kW, Speed: 1600rpm
Chassis skid-mounted



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