



Delivering Environmental and Pumping Excellence on HS2 Central

Sykes Pumps integrated advanced noise reduction technology and smart water treatment to keep the C2 and C3 sections fully compliant and on schedule.

Super Silenced Pumping (SH150 SS)

For 24/7 infrastructure operations in noise sensitive corridors, sound mitigation is a critical operational constraint. The Sykes **SH150 SS Eco Tier V** solid handling pump delivers **market leading acoustic performance** without compromising on raw clearing power. Engineered with a true super silenced canopy, these eco friendly units provide **high volume discharge** while keeping site decibels well within strict local authority thresholds.



Intelligent Telemetry and Floats

Unmanned, continuous site safety requires absolute control. By integrating precision float switches with our advanced telemetry systems, our pumping setups adapt instantly to fluctuating water levels. **Real time remote monitoring** tracks pump **performance**, **critical diagnostics**, and **fuel levels** automatically. This smart automation eliminates the need for constant manual checks, slashes fuel waste, and ensures total operational peace of mind.



Project Overview

Major infrastructure developments like the *HS2 Central Sections* demand **fluid management solutions** that protect both **tight operational timelines** and **strict environmental boundaries**. Managing groundwater, site runoff, and high volume bypass pumping across complex rail construction sectors requires a highly coordinated approach.

Sykes Pumps stepped up to deliver a complete, closed loop environmental system engineered for continuous duty under the most stringent regulatory conditions. By combining **high performance pumping assets** with **real time automated monitoring** and **robust silt management**, the project maintains maximum uptime while completely safeguarding local watercourses.

This is infrastructure pumping evolved: quiet, automated, and completely reliable.

End-to-End Water Treatment Solutions

Moving the water is only half the battle; **protecting the environment** is the other. Our fully integrated water treatment units work seamlessly alongside our **Super Silenced pumps** to intercept and treat contaminated runoff. From **heavy silt settlement** to **automated pH compliance monitoring**, Sykes Pumps ensures that every drop of water leaving the HS2 Central site is 100% compliant with environmental discharge standards before it reaches a local watercourse.



Backed by over 165 years of heritage, market leaders **Sykes Pumps** offer **comprehensive hire and sales solutions**.

Contact us for bespoke infrastructure fluid management solutions.

Hire • Sales • Service • Install

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