



CASE STUDY:  
HS2 CONSTRUCTION SITE  
FUEL SYSTEM

# GEBERIT MAPRESS RELIABLE PIPING FOR TAILORED FUEL DISTRIBUTION





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## PROJECT OVERVIEW

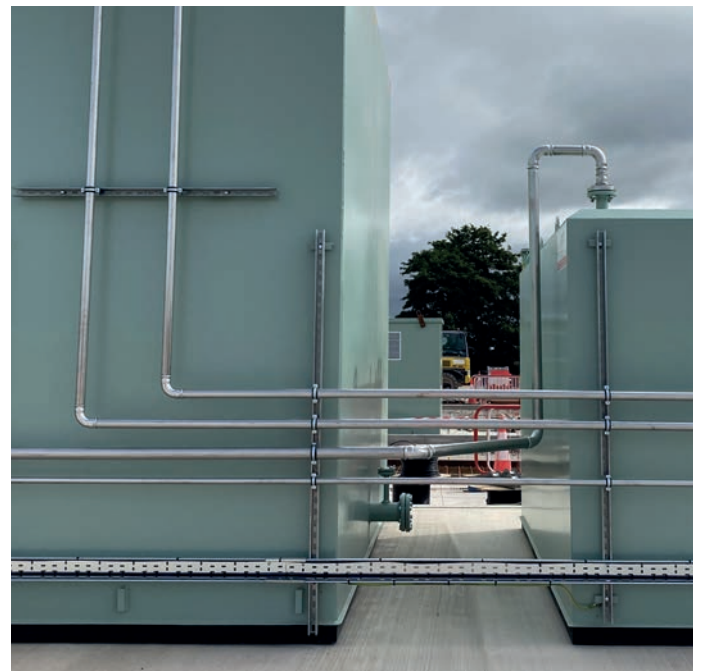
PREMIER FUEL STORAGE SOLUTION PROVIDERS, OTS GROUP, SUPPLIED TWO STORAGE TANKS TO MEET THE DEMAND FOR A ROBUST FUEL SYSTEM FOR HEAVY-DUTY MACHINERY AT THE HS2 CONSTRUCTION SITE NEAR LICHFIELD, STAFFORDSHIRE.

A pipework system was needed to dispense diesel and AdBlue, a solution designed to help diesel vehicles meet the latest Euro 6 exhaust emission regulations, from the storage tanks to fuel construction transport on-site, such as cranes, machinery and lorries. OTS Group needed to find a reliable partner to supply quality pipework to connect the fuel storage tanks to the dispensers.

## SOLUTION

Collaborating with Geberit, OTS Group used Geberit Mapress at the high-speed railway construction site. The press-fit piping system's adaptability in different sizes and diameters allowed for a tailored fuel distribution, ensuring a substantial supply of up to 500 litres per minute through the pipework to accommodate the needs of large vehicles and machinery on the site.

The use of stainless steel components and a diverse range of fittings facilitated a compact, durable and reliable installation. Using a press-fit system ensured a secure, maintenance-free network, eliminating fuel leak risks that are associated with traditional threaded systems.



### → Project information

**Location:** Lichfield, Staffordshire

**Project Completion:** September 2023

### → Geberit Know-How

**Challenge:** A reliable pipework system was needed to dispense diesel and AdBlue.

**Solution:** Geberit Mapress stainless steel allowed for a tailored fuel distribution, ensuring a substantial supply of up to 500 litres per minute through the pipework to accommodate the needs of large vehicles and machinery on the site.

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## RESULTS

Geberit Mapress provided a reliable system from the fuel storage tanks to the fuel dispensers which helped day-to-day work on-site run efficiently for the HS2 construction workers. Both OTS Group and HS2 were happy with the final result, and praised the uniform nature, clean bends and appearance of the installation.

Neil Betteridge, Project Director at OTS Group, said:

**“THE GEBERIT MAPRESS INSTALLATION PROCESS DELIVERED A LEAK-FREE, DEPENDABLE SOLUTION, WITH A SLEEK DESIGN THAT NOT ONLY ENHANCED AESTHETICS BUT MADE FOR AN EFFICIENT PIPEWORK SYSTEM.”**

“With a 25-year guarantee\*, Mapress stands out for its longevity, robustness and low-maintenance approach. It sets the bar for efficient and reliable pipework in fuel distribution systems.”

Learn more about Geberit Mapress at:  
[www.geberit.co.uk/supplysystems](http://www.geberit.co.uk/supplysystems)



\*Standard manufacturer's guarantee is 10 years. Longer guarantees may be agreed subject to conditional criteria. Contact your local Geberit Technical Sales Manager for more information.