FLI structures

Screw Pile Foundations

FLI is the only UK company delivering both steel superstructures and screw piled foundations on a fully integrated, turnkey basis. With all elements designed together as an efficient system.

Suitable for a wide range of rail infrastructure, including station platforms, telecom masts, signal posts and signal gantries, OLE structures, LOC stagings, REB platforms, retaining walls, buildings and civils.



Product Range Diameter

- 76, 88, 114, 139, 168, 193, 244, 273, 323, 406, 457mm.
- Galvanised to BS EN 1461 for durability and corrosion resistance.

Installation

- Installation by FLI, or comprehensive training course to upskill your workforce.
- Torque motor hire available.
- Delivered in bespoke stillages, for safe and efficient handling.

Pile Testing

- Tension testing - validates uplift capacity.
- Compression testing - validates load bearing.





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FLI structures

FLI’s Pile Design Tool

Design your foundation in minutes — not days.

FLI’s Online Design Portal puts control into your hands, enabling engineers and contractors to generate tailored screw pile solutions instantly.

Upload your site data, input load requirements, and receive an engineered solution and budget quote — without engaging in a formal enquiry.



Faster decisions. Fewer delays. Greater certainty.

- Instant feasibility and foundation design.
- Engineered solutions based on your project inputs.
- Budget costs available immediately.
- Reduce back-and-forth and accelerate programme timelines.

Start designing your foundations.

Learn more about FLI’s Screw Pile Foundations



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