



HEAVY DUTY JACKING SYSTEMS

CONTRACT SERVICES - HIRE - SALES

LONDON UNDERGROUND (LUL)

FLAT JACKS, HYDRAULIC JACKING,
TEMPORARY PROPPING SUPPORTS
& MAINTENANCE WORKS

PROJECTS

www.hydra-capsule.com

PROJECT DESCRIPTION

The Underground is being upgraded to improve its appearance and performance, notably in respect of capacity. Extra stimulus and resources resulted from London being awarded the 2012 Olympics.

Hydra Capsule are proud to announce completion of numerous flat jacks, hydraulic jacking and temporary propping support, real-time structural monitoring projects within the London Underground project and redevelopment programme.

With the inclusion of bridge jacking and support works, tunnelling jacking works and major pre-loading and lifting operation.

“Major Works include upgrading more than 50 stations as part of a £5bn investment over five years by TFL”.



PROJECT WORKS

All our technicians and engineers are fully certified with the necessary LUCAS and PTS cards to be able to mobilise and carry out works in accordance to all the recent guidelines.

All our projects and systems have been developed in-house and to the highest quality of systems to suit the high demand and critical operations.

Recent projects below:

- Baker Street Station, London
- Gloucester Road, London
- Bond Street, London
- Ealing and Upminster
- Sloan Square to Victoria Line
- Latimer Road Station, LUL
- King Cross Station



Services offered:

1. Flat Jacks (temporary and permanent)
2. Hydraulic Jacking
3. Pre-loading of strengthening struts & props
4. Real-time structural monitoring
5. Synchronised jacking systems (up to 32 number jacking and movement points)

Due to the constraints within the LUL programmes Hydra Capsule worked hand-in-hand with Engineers, and able to offer complete in-house design, manufacturing and contractual services within a short lead-in periods to the highest professional quality. Meeting and ahead of programme schedules.



Client

London Underground (LUL / TFL)

Type of Works

Hydraulic Jacking
Synchronised Control Systems
Temporary Propping Systems
Flat Jacks
Grout Bags

Commence Date

September 2011

Completion Date

June 2014



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