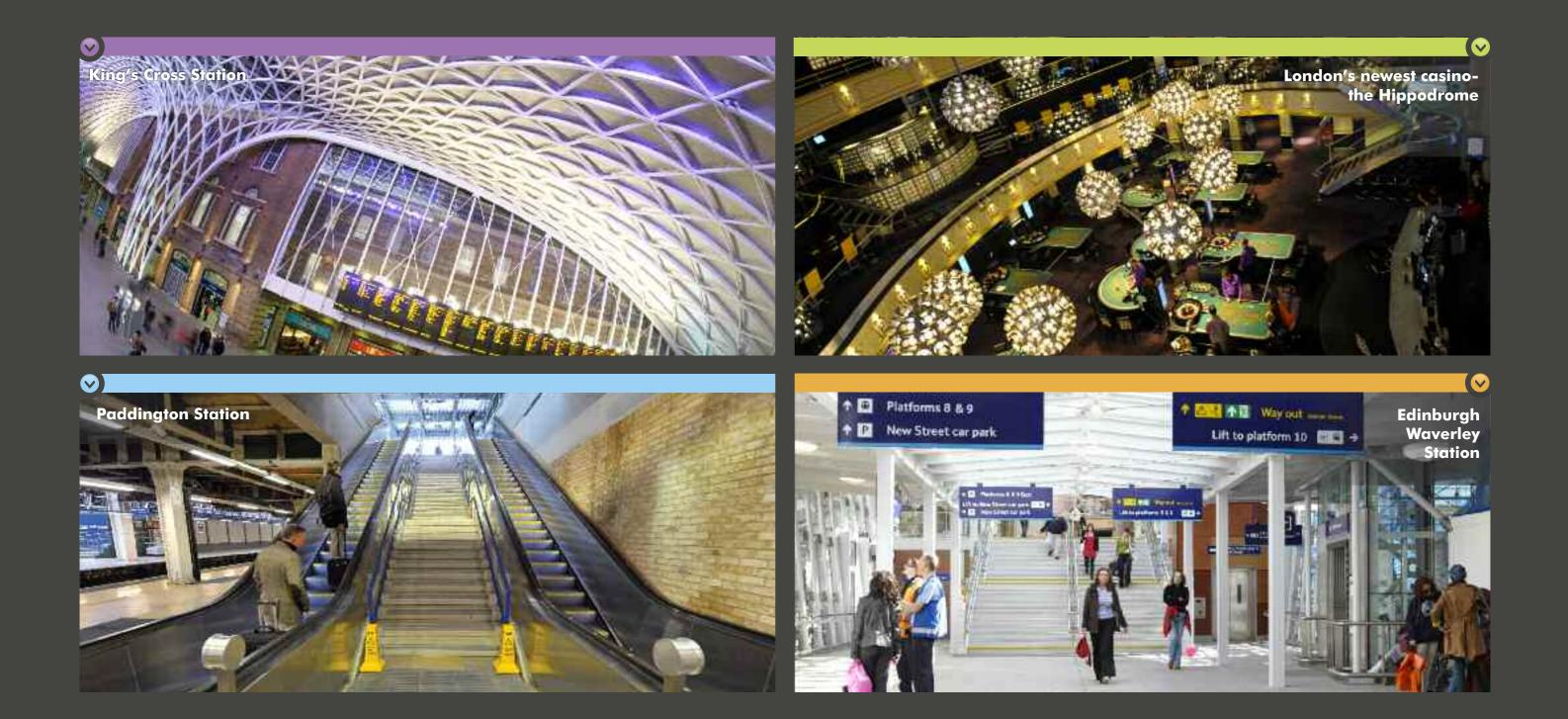
Sphere exploring the world of Stannah Lift Services



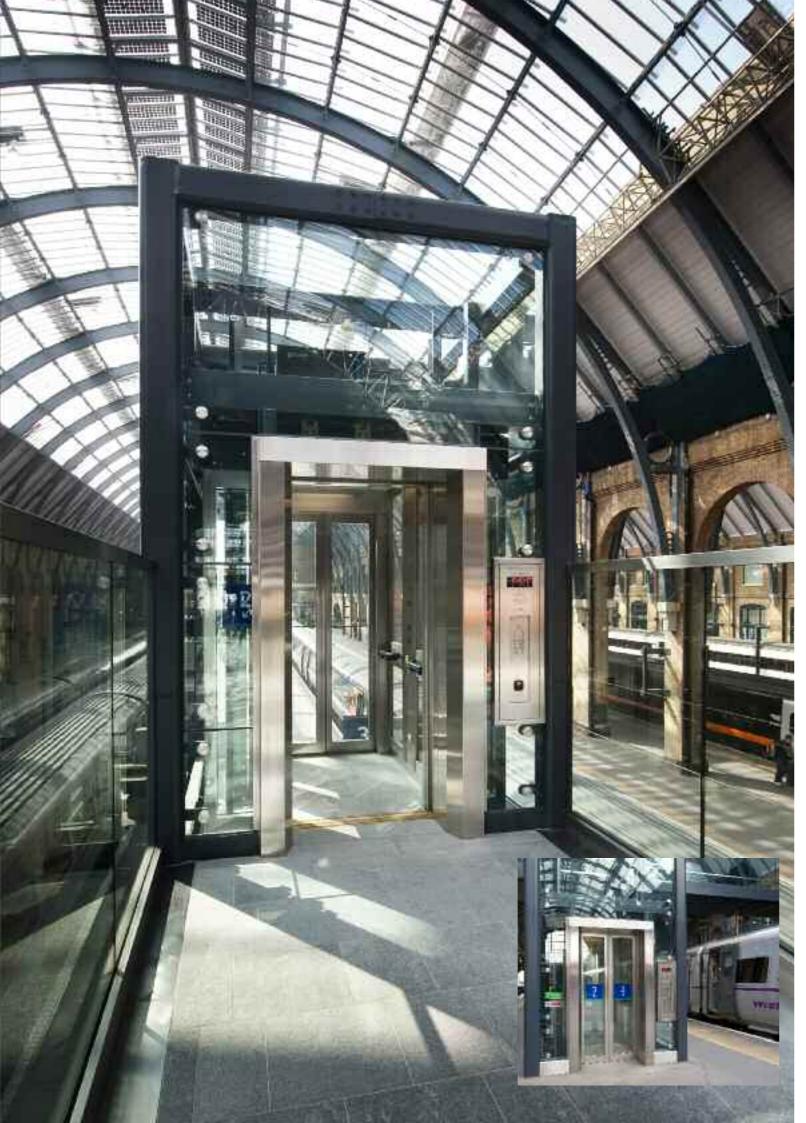


We love a challenge!

That's exactly why we have our Major Projects team.

We take on out-of-the-ordinary and special projects that involve so much more than the supply of lifts. From preparing tenders to surveying sites and designing bespoke solutions for special situations our team relish the challenge of a major project and are proud of their work on many prestigious sites across the UK.







King's Cross Station, London

Supporting the £547-million rebirth of King's Cross Station, a fleet of 24 Stannah lifts is powering the movement of millions of people and goods throughout this Grade I listed rail hub designed in 1852 by the civil engineer, Lewis Cubitt.

Managed by the Stannah Major Projects team, the installations were on time, on budget and running to schedule – just like the trains (not one cancellation to service) – despite a logistically fraught project.



£547 million regeneration of a major London railway terminus



50 million passengers per year (and increasing)



24/7 movement of people and goods



24 Stannah lifts

"Being part of the huge team of contractors working flatout to complete this project was challenging, but the results speak for themselves. Problems were solved, deadlines were met and not a single train was cancelled throughout the whole process. We are proud to have made a major contribution to this magnificent refurbishment of one of London's most famous stations."

Ian Smith, Operations Manager, Stannah Major Projects Department



Telescopie jack





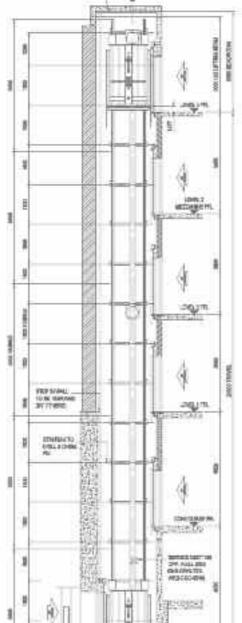


In the Western Range

The Western Range is a complex series of buildings through which millions of passengers pass. In its new guise it is a vital transition space that links the restored 1852 station to the new Western Concourse.

It is home to seven passenger lifts:

- 1 x 630kg, 8-person lift played a big part in moving contractors during all the building work and now with a final lift interior for public use.
- 4 x 1200kg, 16-person goods/passenger lifts –
 one of which was particularly challenging to
 install tight to a low-pitched roof at the top of the
 shaft.
- 1 x 2000kg, 26-person goods/passenger lift travelling 7 stops from the basement to the rooftop and featuring a very wide lift car for the easy movement of goods.
- 1 x Midilift SL platform lift within the First Class Lounge approach on the first floor.



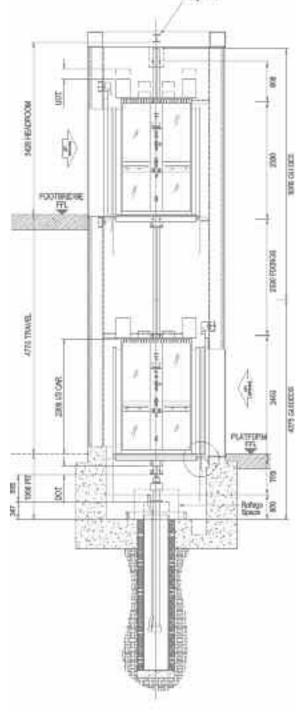




In the Train Shed

The refurbished train shed has three layers. The train platforms at ground level, a spectacular new bridge above the platforms for additional access and the essential service tunnels below ground level where on-board services (OBS) and refuse collections are constantly on the move:

- 5 x scenic, 2-stop, 8-person mobility impaired persons (MIB) lifts – the first noticeable passenger lifts providing easy travel from the bridge to each of the platforms below.
- lifts sited at platform level, these provide direct access to and from service tunnels to individual trains. These lifts enable the quick, efficient delivery of OBS directly to individual trains and the clearing of refuse from trains at the end of their journey. The lifts are finished to Network Rail specification, with 'bumpers' low on solid walls to add additional protection in a busy, demanding environment.





In the Western Concourse

Europe's largest single span station structure and the heart of the development. The contents pander to every travelling comfort – new shops and restaurants, improved access to services on the Underground, the new Thameslink station and domestic and international services at the adjoining St Pancras International Station.

- 2 x 1200kg, 16-person lifts finished in brushed stainless steel with York stone floor and special lighting. Both lifts are for public access to and from the mezzanine food court, one travelling 3 stops to London Underground.
- 2 x 3100kg, 40-person goods/passenger lifts –
 for service personnel only and providing robust
 movement of goods over 4 floors. These lifts were
 installed in existing shafts that were extended to
 travel further.

In the Service Tunnels

Over 300m of service tunnels lie beneath the train shed and listed Great Northern Hotel. These are home to many additional lifts, the workhorses that assist in the movement of goods to and from all areas of the station, 24 hours a day. For staff use only, these include:

- 2 x 2,500kg, 33-person 2-stop goods/passenger service lifts from delivery area to service corridor.
- 2 x 2,000kg, 26-person 4-stop goods/passenger service lifts covering the main delivery area, service tunnel, main concourse and the retail mezzanine.



Hippodrome Casino London

As part of the restoration of this Grade II listed iconic London landmark, Stannah rose to the challenge of moving customers, staff and goods stylishly and efficiently around its arcades without compromising its English Heritage status.



£40 million restoration project

entertainment









14 Stannah lifts

Fourteen lifts later and the Hippodrome Casino has a healthy circulation system bringing access for everyone and everything to all key areas.







"This was a challenging retro-fit project to a tight deadline in the run-up to the London Olympics and Stannah really rose to the challenge. In particular, finding a solution to restoring our caged lift with a totally glass lift car, with no visible workings in the shaft, was a triumph. All the lifts blend within their surroundings and perform the essential job of moving people and goods seamlessly about our building. Having a single lift supplier for all fourteen lifts made logistic and economic sense. It was an excellent decision."

Hippodrome Casino spokesperson

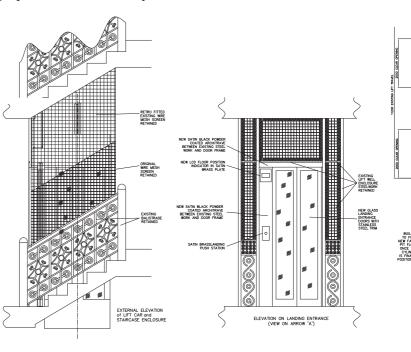


The Stannah Cast

The Star – a 5-person, 357kg hydraulic scenic bespoke lift:

Installed in an existing lift shaft and retaining the original 1930s-style surround, this lift travels from the ground floor over 4 stops and is primarily for VIP use.

Additional finer mesh was added to ensure optimum safety, within which is a modern, all-glass lift car with no lift workings showing within the shaft. This is achieved with direct-acting hydraulics using a telescopic ram to facilitate a reduced overall length to the piston that goes through the basement and into a small borehole (1470mm deep). Below this is Leicester Square station.



The Double-Act

Designed to carry up to 13 passengers (1000kg) over 5 floors, these stretcher-style Xtralifts feature through-car entrances. Complementing the surroundings, the walls are finished in decorated glass with impressive ceilings and floors.

These oil-free and vibration-free gearless traction drive lifts are ideal for moving large numbers of people quickly and safely – ideal for this 24/7 venue.

Manufactured to comply with EN 81-1, CE marked and in full compliance with The Lift Directive 95/16/EC, they are supplied with a modular structure for maximum ease of installation.



- 4 Xtralift passenger lifts front of house
- 4 Microlift dumbwaiters assisting food service on all levels
- 1 Stairiser inclined platform access lift for disabled visitors over stairs
- 1 bespoke goods platform lift for back of house assistance
- 1 Midilift vertical platform lift for the local community





The pair of Stannah escalators run each side of a central stairway to the main station concourse. The units are heavy duty transport escalators manufactured and installed to Network Rail specification set out by Butler & Young Lift Consultants for contractor Carillion and client, Crossrail Limited. This specification includes full VVVF drive system (variable voltage, variable frequency) that enables slow speed control when traffic is low, thus conserving energy and in turn complying with BREEAM requirements.

The duplex 16-person/1200kg, 2-stop, hydraulic, bespoke passenger lifts are finished to industry specifications and therefore meet the requirements of the Lifts Directive (95/16/EC) 1995, and EN 81-1/2 safety rules for the construction and installation of lifts. Both lifts are fitted with electronic 3D safety edges to all car doors, alarm push buttons, and two-way communication systems in the cars and at each landing. In-car speech synthesisers also provide lift travel information at each landing.

Andy Swift, Project Manager,
Paddington Integrated Project C272 for
Carillion, praised the hard work of everyone
involved in meeting the deadline:

"It truly was a great team effort that allowed us to overcome the challenges which we went through over the last few months of this project and without everyone being dedicated and determined to achieve this goal, we wouldn't have made it. Over the final few weeks it was clearly noticeable on site – the momentum was building up and determination to deliver on time was evident. Well done everyone."







Designed by Brunel in 1838

Heathrow Express

per year (2010)

Dened in 1963

Edinburgh's Waverley Station



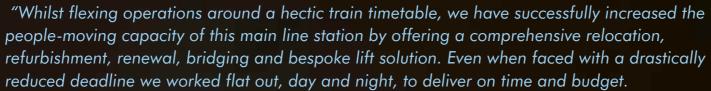






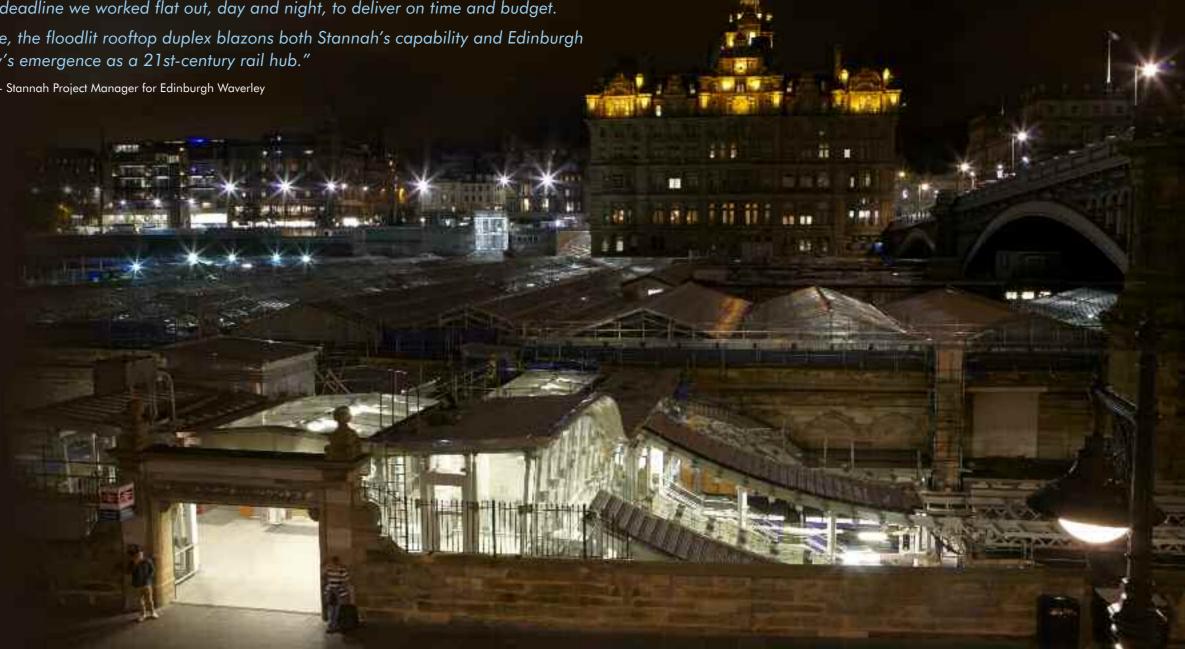
£130 million revamp of Scotland's capital railway terminus

As part of a £130 million investment to support a burgeoning tide of passengers, Stannah's Major Projects team has fast-tracked an extensive lift replacement and refurbishment program culminating in an illuminated bespoke passenger duplex on the station roofline.



Of course, the floodlit rooftop duplex blazons both Stannah's capability and Edinburgh Waverley's emergence as a 21st-century rail hub."

Jerry Sutton - Stannah Project Manager for Edinburgh Waverley



Edinburgh's Waverley Station

The New Street Lift

Stannah extended the existing 2-floor, 16-person New Street Car Park hydraulic lift to serve three floors to include the new bridge level and the new entrance on Market Street.

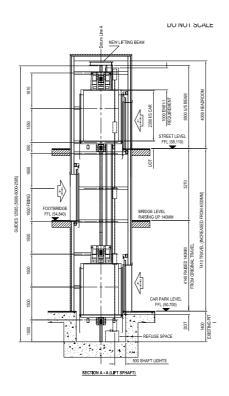




A vital cog in the ongoing Refurbishment Programme

Stannah is very much part of the extensive updating of Edinburgh Waverley having already installed four lifts. These comprise:

- 3×2 -stop hydraulic passenger lifts serving platform level to Bridge link level.
- 1×2 -floor hydraulic goods lift serving the platform level to basement used for M&S to the storage area.







The Duplex Star

Located on the station roof/street level, directly above the rail track, it takes visitors from street level to the platform mezzanine level below.

The Stannah Major Projects team delivered a star performance by responding to a revised schedule that compressed this 10-week installation into 30 working days.

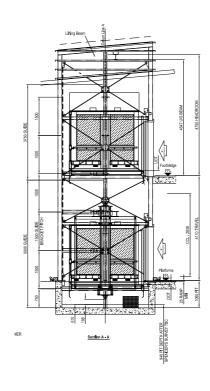
This is a show-stopping feature, particularly after dark when the Italian lighting system (also installed by Stannah) throws it into dramatic and futuristic relief against Edinburgh's ancestral backdrop.





The Platform 8/9 Lift

The existing 33-person hydraulic lift was removed and replaced with a Network Rail specification, semiscenic, hydraulic passenger lift.







Other Projects

A sample of additional major projects:

- 1. Bespoke, elegant passenger lifts in some of London's finest homes -Cornwall Terrace, Regents Park.
- 2. Easy shopping over more than one floor with Stannah moving walkways.
- 3. Our escalator provides easy access and a wonderful view of the stock in this furniture store.
- 4. Cardiff station added a new platform and a new lift for instant access.

Retail walkways and escalators - they're our business

24/7 people movement in Welsh capital station

Heritage buildings with modern lifts -

- 5. Triplex refurbished lifts go top of the class at the University of Bristol.
- 6. Asda supercentre customers are on the move in Andover.
- 7. Liverpool's Anglican Cathedral and a Stannah bespoke lift to blend into its spectacular surroundings.
- 8. Out of town shopping with no steps in sight.



















Stannah Lift Services

Head Office and Major Projects Team:

Watt Close, East Portway, Andover, Hampshire SP10 3SD

Tel: 01264 364311

Network Rail Team and National Sales Team:

Unit 8, Swan Business Park, Sandpit Road, Dartford, Kent DA1 5ED

NRT - Tel: 01322 299845 NST - Tel: 01322 299800

National Contracts Department:

A single point of contact for customers with lifts on multiple sites spread across the country:

No 1 Ravensquay Business Centre, Cray Avenue, Orpington, Kent BR5 4BQ

Tel: 01689 883240





45 Carlyle Avenue, Hillington Industrial Estate, Glasgow G52 4XX

Tel: 0141 882 9946 Fax: 0141 882 7503

North & North East England Wellington Road, Dunston, Gateshead,

Tyne & Wear NE11 9JL

Tel: 0191 460 0010 Fax: 0191 460 1143

3 North West England & North Wales 6850 Daresbury Park, Daresbury,

Warrington WA4 4GE **Tel: 01928 703170** Fax: 01928 714824

Midlands East

48 Bleak Hill Way, Mansfield, Nottingham NG18 5EZ Tel: 01623 631010 Fax: 01623 636182

5 West Midlands & Mid Wales

Unit A6, Coombswood Way, Halesowen B62 8BH Tel: 0121 559 2260 Fax: 0121 559 8171

6 South Midlands & Home Counties

Unit 4, Boundary Road, Buckingham Road Industrial Estate, Brackley NN13 7ES

Tel: 01280 704600 Fax: 01280 701187

East Anglia

Unit 27-28, Morgan Way, Bowthorpe Industrial Estate, Norwich NR5 9JJ

Tel: 01603 748021 Fax: 01603 743097

8 South West England & South Wales

Unit 2, Brook Office Park, Emersons Green, Bristol BS16 7FL **Tel: 0117 906 1380** Fax: 0117 906 1392

9 London & South East

For service of passenger lifts, goods lifts and escalators:

Tel: 01322 287828 Fax: 01322 222720

For service of stairlifts, small service lifts

Kent BR5 4BQ

Dorset BH23 3TQ

Unit 6-7, Swan Business Park, Sandpit Road, Dartford, Kent DA1 5ED

and platform lifts:

No 1 Ravensquay Business Centre, Cray Avenue, Orpington

Tel: 01689 822117 Fax: 01689 883230

10 Southern England

6 Ambassador Park Estate, Airfield Road, Christchurch,

Tel: 01202 476781 Fax: 01202 485424



