



## Lift Shaft

### PRE-CAST CONCRETE LIFT SHAFT



watch a short video at  
[www.wayconprecast.com](http://www.wayconprecast.com)

**The Lift Shaft is a pioneering pre-cast concrete lift shaft that has radically simplified lift installations.**

This patented system provides an easy to assemble modular solution whereby concrete sections are fitted on top of each other, reducing both on-site time and costs.

Manufactured to the highest standards, the Lift Shaft fully complies with all relevant safety standards and Codes of Practice, and has been designed to minimize health and safety issues and environmental impact.

It can be configured to suit any project and is available with a short lead-time. Precision engineering means that when it arrives on site, the sections are quick and safe to install.

#### Key Technical Benefits

- Flexible, modular system
- Strong, high quality product
- Six storey lift shafts erected in a day
- Build accuracy assured
- Built-in alignment guides provided
- Dimensions within  $\pm 2\text{mm}$
- Complies with 14 British Standards and Codes of Practice



For the full technical specification, visit our website at  
[www.wayconprecast.com](http://www.wayconprecast.com)



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# Struct-Core

## PRE-CAST CONCRETE BUILDING CORE

**Waycon Struct-Core allows structural cores to be rapidly assembled on site using pre-cast elements, effectively removing the need for site fixed formwork, steel fixing and in situ concrete.**

The product was developed in response to requests from clients for lift shafts that could cater for horizontal loads, thus providing building stability.

Adopting the same high quality design principles as the original Lift Shaft system, each Struct-Core unit incorporates grouting ducts housing continuous post tensioned tendons which transmit horizontal forces to ground.

The Struct-Core is patented and built to meet stringent safety standards and Codes of Practice.

### Key Technical Benefits

- Pre-cast concrete building stability core
- Avoids in situ concrete and form work
- Factory fitted and tested lifting beam
- No scaffolding required
- Pre-tanked lift pit
- Cast in fixing channels
- Dimensions within  $\pm 4\text{mm}$
- Plumb
- Build off site advantages



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# Twin Shaft

## PRE-CAST CONCRETE LIFT SHAFT



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**The Twin Shaft is a new product designed to build on the success of Waycon's innovative pre-cast concrete Lift Shafts, which have pioneered better and safer ways of delivering lift installations.**

The Twin Shaft builds on the same high quality design principles as the standard Lift Shaft system, with each Twin Shaft unit incorporating two lift shaft compartments.

This makes the Twin Shaft ideal for projects where a pair of lifts is required, immediately removing the need for two separate shafts and making this a highly cost-effective and efficient solution for all building installations.

The Twin Shaft is patented and built to meet stringent safety standards and Codes of Practice.

### Key Technical Benefits

- Factory fitted and tested lifting beam
- No scaffolding required
- Pre-tanked lift pit
- Six storey shaft possible in one day
- Cast in fixing channels
- Space saving – one 150mm thick dividing wall
- Dimensions within  $\pm 4\text{mm}$
- Plumb
- Build off site advantages



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# Retro Shaft

## PRE-CAST CONCRETE LIFT SHAFT



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**Retro Shaft allows Waycon pre-cast concrete lift shafts to be installed alongside or inside existing buildings.**

Where access is difficult and disruption must be kept to a minimum, this approach allows lift shafts to be rapidly assembled in difficult locations with minimal disruption.

The Retro Shaft adopts the same high quality design principles as the standard Lift Shaft system, but incorporates a tie provision between the existing structure and the new shaft and can also include pre-cast walkway slabs and wingwalls to bridge the gap between the two structures.

The Retro Shaft is patented and built to meet stringent safety standards and Codes of Practice.

### Key Technical Benefits

- Shafts, walkways and wingwalls available
- Six storey shaft possible in one day
- Factory fitted and tested lifting beam
- Pre-tanked lift pit
- Cast in fixing channels
- No scaffolding required
- Dimensions within  $\pm 4\text{mm}$
- Plumb
- Build off site advantages



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## A few words from our clients

we've supplied more than 100 lift shafts to a broad range of contractors

**WATES –  
Operations Director**

*Thanks for all your hard work this year and particularly last year. You are making a great reputation for yourselves in this business.*

*Your site teams are also receiving good reviews from our site teams for being professional and helpful.*

**BOWMER AND KIRKLAND –  
Project Manager**

*Very impressed with the whole procedure, wish it was available 20 years ago.*

**BULLOCK –  
Project Manager**

*Waycon supplied high specification pre-cast concrete lift shaft sections to our contract at Graiseley High Rise in Wolverhampton. They were involved with the design team from the start and helped to develop the design from the initial brief.*

*This was the first time that a pre-cast concrete lift shaft had been attached in this way. We found Waycon to be very proactive; they worked with the site team to provide a quality product that was on time and easy to erect. Their specialist erector completed the programme, with sections delivered daily.*

*Their after sales service was exemplary.*

**JOHN SISK AND SON –  
Project Manager**

*Very pleased!*

**VINCI –  
Project Manager**

*Very impressed, shaft installed in 1 hour and 15 minutes. Allan is arranging a meeting with a director to express his positive thoughts on the system.*

*Lift shafts and motor room installed with great success. I was informed that the Tesco representative was on site – they were very impressed with the system.*

