



lendlease

# TURNTABLE INNOVATION

## Why we used it...

- We wanted to remove the vehicle pedestrian interface by not allowing vehicles to exit site through Battlebridge Place.
- Changes in the building design meant that an onsite turning circle was no longer possible.
- We wanted to eliminate the need for reversing vehicles onsite.

## What it is...

- 18m industrial turntable capable of handling 44-ton loads, the first of its kind to be used on a construction project.
- This is the first free standing construction turntable in the UK.
- The turntable allows 10 articulated vehicle movements per hour.
- A built-in handrail and walkway around the perimeter allows safe operation and access.

## Was it Successful?

- Google keenly signed off the turntable idea which cost under £750,000 to install, remove and operate throughout the job.
- The final solution has twin motors so if one breaks down the other keeps the turntable working. There has been no down time in operation since installation in August 2018.
- The turntable has generated interest worldwide and the current proposals have been reviewed by the Centre of Excellence within the Business.

## The Next Steps...

- The turntable is re-usable and will be dismantled and used at another UK project.
- The first of its kind used in the construction industry, a vehicle turntable is now being looked into on 3 further London based construction projects.
- This innovation has the potential to be an industry leading innovation which could be a future norm on construction sites.
- We are looking to develop this solution for the supply chain to stock and hire these units across the industry to lower costs.

*The turntable means our vehicles do not have to pass through the 1,000,000 people that walk through Kings Cross, Battlebridge Place yearly*

