LTE Structures - Precast

Project overview

Client:	LTE Structures
Project:	**Coomera Hospital**
Value:	$1.3 Billion
Location:	Gold Coast, Australia
Date:	2024 - Current
Usage:	Stacking precast lift cores

The $1.3 billion new Coomera Hospital is a state-of-the-art healthcare facility designed to cater to the growing population of the Northern Gold Coast corridor. LTE Structures are responsible for the installation of the nine lift and stair cores around the new facility.

In a new and innovative system, the lift cores are stacked prior to slabs being poured, shortening the critical path and bringing
substantial efficiency to the project.

The challenge

LTE Structures were looking for a way to stack their heavy precast lift cores without using taglines. Due to the heavy weight of the loads (up to 60t) and the height of the stacked cores, orientation of the load using taglines was slow, ineffective and difficult.

The solution

Roborigger is used to control and orientate the cores during installation, allowing the heavy cores to be rotated easily and precisely without taglines or anyone working at heights.

Client feedback

“Roborigger has completely changed the way we handle the installations of our CORECUBE precast lift cores. Roborigger now controls the cubes and accurately orientates them for landing at height. Its quicker, safer and far easier than using taglines. We are very happy with the solution and use it on all our projects.”

Jason Treasure, Managing Director - LTE Structures





