

*Case study:*

## **The first rental project in Australia to use dual Alimak Scando 650 XL Hoists**



*Icon Co, Opal Towers,  
Sydney, Australia*

## Case study:

**The first dual rental Alimak Scando 650 XL Hoists in Australia on Icon's Opal Towers project that minimised crane downtime and maximised project efficiency**

### The Project

Icon Constructions Opal Tower, located in Sydney's Olympic Park is a mixed use development comprising of a residential tower with retail / commercial space, child care centre and a community centre with publicly accessible landscaped ground plane.

The development has a total gross floor area of 33,166 square metres. The residential tower will include a total of 36 storeys with 120 square meters of retail / commercial space and 33 floors of residential apartments ranging from 1-4 bedrooms.

Construction of the \$155 million dollar project commenced in January 2017 and is due to be completed in July 2018.

### Vertical Solution

Icon was looking for a vertical solution for transporting materials up to 1700mm wide. The standard Alimak hoists could not accommodate this width, hence introducing the XL hoists into the Australian rental fleet. Alimak Hek designed the hoists to be configured as a dual setup allowing one hoist to have a 2.5m C-door to accommodate larger materials and allow easy access to load and unload. The dual configuration also allowed them to move personnel as well as larger materials.

### The Benefit

As per the customers request, due to the width and capacity of the dual XL setup, materials could be directly fork-lifted into the hoist, minimising crane downtime onsite and maximising project efficiency.

### DETAILS

Project:	Icon Construction, Opal Towers, Sydney Olympic Park, Australia
Product model:	Alimak Scando 650 25/39 XL II
Application:	Mixed Use Development, & Residential tower
Capacity:	2500 kg
Car size (W x L x H):	2.0m x 3.9 m x 2.8 m
Speed:	54 m /min
Lifting height:	120 m

