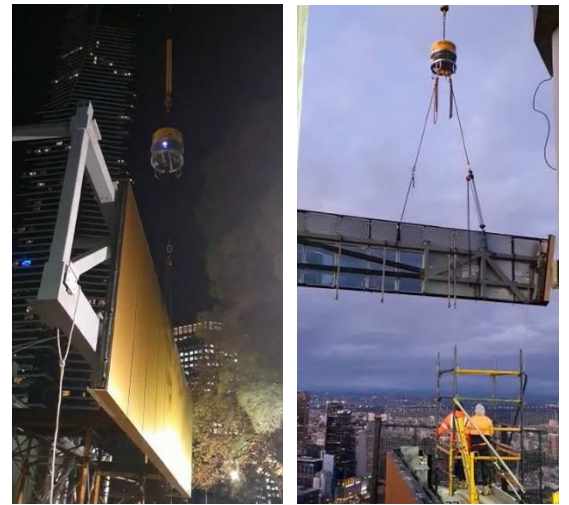


HIGHLIGHTS

Stabilised long and heavy loads with large windage area

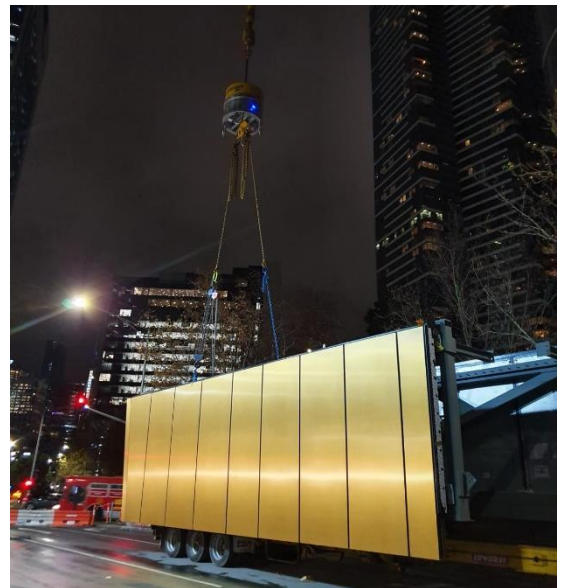
Multiplex used a 15t capacity AR15 Roborigger during the construction of the Australia 108's landmark Starbust, the building's premium facility floors located 210 metres above street level.

Roborigger was used to lift the iconic golden external façade panels weighing up to 8 tonnes. The load control system stabilised the long and heavy panel during the lift to the 88th floor, eliminating the need for taglines and allowing riggers to orientate the panels from a safe distance during the lifting operations.



Reduced cycle times and increased the operating window in windy conditions

When handling loads with large surface areas affected by wind, Roborigger also allowed the site operations to continue when the wind speed increased but were still within safe crane operational specifications.



PROJECT DESCRIPTION

Multiplex is the contracted builder for the southern hemisphere's tallest residential tower, Australia 108. The project comprised of 1,050 luxury apartments across 100 levels. Multiplex used a 15t capacity AR10 Roborigger to lift the iconic "StarBust" panels to the 88th floor.

APPLICATION	: Lifting of external façade panels for the tower's premium facility levels, Starbust, located 210 metres above street level.
CLIENT	: Multiplex
LOCATION	: Melbourne, Australia
DATE	: August 2019
ROBORIGGER MODEL	: AR15 (WLL 15 tonnes)