

HIGHLIGHTS

Removed the need for taglines and for people to physically restrain loads

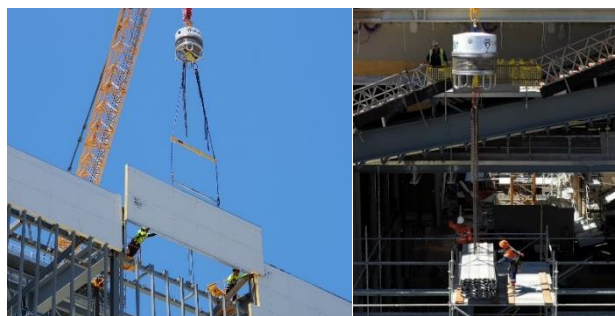
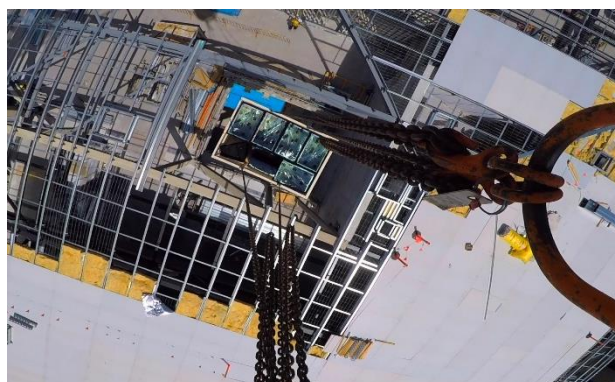
Roborigger allowed lifting and handling of loads without needing riggers to use taglines or to physically handle the loads. This was especially useful when performing difficult manoeuvring operations such as lowering beams through steelwork or long objects through purlin spaces.

Roborigger also stabilised the loads so they could be remotely guided through structural elements and confined spaces ensuring that the risk of contact with the structure was virtually eliminated.

Improved rigging and installation times as loads were readily oriented and could be lowered immediately

A key piece of feedback provided by the dogmen on the New Museum site was that using Roborigger in the day-to-day operations allowed the crane crew to improve their rigging practices as they were able to control the load's orientation before lowering it down to the ground.

There was also a noticeable improvement to the level of fatigue and physical stress experienced during the work day due to the much easier manual handling.



PROJECT DESCRIPTION

Multiplex was contracted for the redevelopment of New Museum for WA to integrate a new state-of-the-art building with the Museum's existing heritage buildings. Multiplex used the 10t capacity AR10 Roborigger for a multitude of lifting operations on site from December 2018 until June 2019.

APPLICATION	: Lifting and orientating long scaffolding trusses, façade panels' installation, as well as multiple trucks loading and unloading.
CLIENT	: Multiplex
LOCATION	: Perth, Australia
DATE	: December 2018 to June 2019
ROBORIGGER MODEL	: AR10 (WLL 10 tonnes)