

THE HIVE

THE SUPERDECK® DELIVERS UN-BEE-LIEVABLE MATERIAL HANDLING SOLUTION FOR THE HIVE

BRIEF

Clients	VENTANA CONSTRUCTION
Projects	THE HIVE
Location	VANCOUVER, BRITISH COLUMBIA
Equipment	2 X 3.2M SUPERDECKS

Preston Rentals was thrilled to assist Ventana Construction with another mass timber project in Vancouver. They required an efficient material handling solution for their work on The Hive, a 10-storey office building at 2150 Keith Drive. The innovative structure will feature 164,000 sq ft of office space which will be entirely leased to the Insurance Corporation of British Columbia (ICBC). The building's unique honeycomb-shaped exterior – from which it gets its name – is an expression of its unique perimeter-braced seismic system. Once completed, The Hive will be the tallest braced frame mass timber project in North America and one of the most seismically advanced timber structures in the world.

Ventana Construction needed to be able to load curtain wall panels, pipes, HVAC drywall, and scissor lifts into the structure. This was complicated by the challenges of working on a mass timber building which, by the nature of its materials, doesn't have the same weight or strength as a concrete building. As such, it's imperative to achieve the right balance between the size of the outrigger, its load capacity, and where it will be installed on the building. The unique engineering reshore design also meant further diligence was required to optimise reshore and building connection.



Preston Rentals knew that supplying 2 x 3.2m SuperDecks would be the best strategy for the project. Our most popular product, the 3.2m SuperDeck® provides a great balance between usable deck space, the cost of transport, and the weight of the outrigger. With the ability to be vertically stacked, and rolled in and out as needed, our SuperDecks also free up precious crane time. Ventana Construction was delighted with our solution as our SuperDecks enabled the efficient and easy loading and unloading of the required materials into the building.

Recent changes to the B.C. Building Code afford further possibilities for mass timber construction, driving the momentum for more innovative and sustainable buildings in Canada. You can COUNT ON US to provide the perfect material handling solution for your mass timber project.

