



Flexible facade access systems for the Cinnamon Life Waterfront Complex

Facts & Figures

Commencement	2014
Completion	December 2021
Building Height	143m
Floor Count	40
No. of BMUs	7
Outreach	Up to 38m
Building Type	Mixed-Use

The Cinnamon Life Waterfront Complex is a new mixed-used building development that is set to become an iconic landmark for the bustling city of Colombo in Sri Lanka. A flexible and high-quality facade access solution was required to meet the numerous demands of this diverse building complex.

Conceived as a ‘city within the city’, the development features a wide variety of mixed-use buildings and facilities including a 5-star hotel, two luxury residential towers, a high-end office tower, an extensive retail mall and landscaped waterfront esplanade. This bold \$650 million project covers a staggering 422,000 square metres.

The building design by London architects Balmond Studio is defined by a complex scallop-shaped form that is inspired by the traditional ‘guard stone’ drawn from the rich history of Sri Lankan culture. The curving lines of the central section and the undulating surface of the mall podium roof are complemented by striking horizontal projections which emerge from the main structure.

The project called for a wide range of movement and functionality in the building access system. The depth of the CoxGomyl range proved up to the challenge, deployed in combination with the experience of an expert engineering and project management team.

The comprehensive facade access system meets all needs for cleaning and maintenance tasks with seven Building Maintenance Units. Six building maintenance units cover the bulk of the facade with one BMU operating with a five-part telescopic jib to achieve an outreach of up to 38 metres and a maximum weight capacity of 1,000kg. This makes it the biggest Building Maintenance Unit in the South Asia region and required additional problem-solving ability during installation.

The comprehensive facade access system is completed with a compact BMU, 600 metres of the monorail for access to all soffit areas and a 35-metre articulated platform for access to the podium facade. The system as a whole is designed to deliver coverage every inch of the facade, handle glass panels weighing 850kg each and keep the BMUs hidden from sight in their parked positions.

As in numerous building access projects across the globe, CoxGomyl were able to offer an innovative access solution adapted to the specific needs of the building within budget and time constraints.

