



A landmark tower deemed one of the most elegant in the world with curved facades

### Facts & Figures

<b>Commencement</b>	2008
<b>Completion</b>	2010
<b>Building Height</b>	440m
<b>Floor Count</b>	103
<b>No. of Access Systems</b>	3
<b>BMU Type</b>	Custom Solution
<b>Outreach</b>	20.3m
<b>Building Type</b>	Mixed-Use



The Guangzhou International Finance Center is not only recognised as the tallest building in Guangzhou, but one of the most beautiful. A triangular base supports the slender, curvaceous structure to make efficient use of internal space.

Wilkinson Eyre Architects designed the facade, which features a low-e hollow glass curtain wall, plated in dark, pinstripe glass panels. CoxGomyI provided an integrated access solution for this newly developed landmark in South China.

One of the architect's requirements for the BMU solution was that it could be used to facilitate the glass replacement process. The engineers designed a BMU with a glass-handling hoist of 700kg capacity, twice the capacity required for most projects.

One of the three systems was designed with an articulated cherry-picker extension to provide personnel access to the helipad on the roof of the skyscraper, as well as conventional facade access.

A soft rope restraint system was installed on each BMU so that the cradles can descend over the curved exterior whilst maintaining stability and security of the cradle and its operators.

BMU type	Telescopic Jib with Material Hoist	Telescopic Jib with Cherry Picker
<b>Service area</b>	G/F to 103/F	G/F to 103/F and the perimeter of the helipad
<b>Jib type</b>	3-stage telescopic	3-stage telescopic
<b>Outreach</b>	20.3m	20.3m
<b>Jib retracted length</b>	6m	6m
<b>Cross bar slew angle</b>	+/- 90 deg	+/- 90 deg
<b>BMU slew angle</b>	+/- 360 deg	+/- 360 deg
<b>Drum hoist type</b>	16-layer hoist	16-layer hoist
<b>Actual hoist height</b>	432m	432m
<b>Cradle SWL</b>	230kg	230kg
<b>Cradle length</b>	4.5m	4.5m
<b>Cradle restraint system</b>	Soft Rope	Soft Rope
<b>Track system</b>	Twin track	Twin track
<b>Track gauge</b>	3.8m	3.8m
<b>Communication</b>	Intercom	Intercom
<b>Features</b>	Glass handling hoist of 700kg capacity	An articulated cherry picker extension