



Another Sky Climber Reference!

Diamond Bank, Lagos, NIGERIA



- DIVISION:** Sky Climber BMU & PI Division
PROJECT NAME: Diamond Bank
APPLICATION: Building Maintenance Unit (BMU)

This tower project is for the new Headquarters of the Diamond Bank, a major bank in Nigeria.

Sky Climber was selected to provide the window cleaning system for this 80 m high tower with a BMU roof car and monorails. The monorail will be described in a following newsletter.

The BMU is a trackless machine with a 7m jib. The challenge was to design a machine that was fully counterweighted and able to fit in the narrow space provided. There is a limitation in height as the machine is located under an overhang. In addition there is a parapet so that the cradle needs to squeeze through between the ceiling and the top of the parapet.

The BMU fully complies with European Norm EN1808 and is therefore fitted with a restraint system and a computerised stop system to pause the cradle at the selected height.

Vertical run	80m
Self-weight	8.5 tonnes
Type of Jib	Fixed length, slewing, rotating
Max. reach	7m
Rotating jib head	Yes
Length cradle	2m
Cradle rated load	240Kg
Hoisting	Multilayer drum
Auxiliary hoist (GRU)	No
Norms	European Norm EN1808