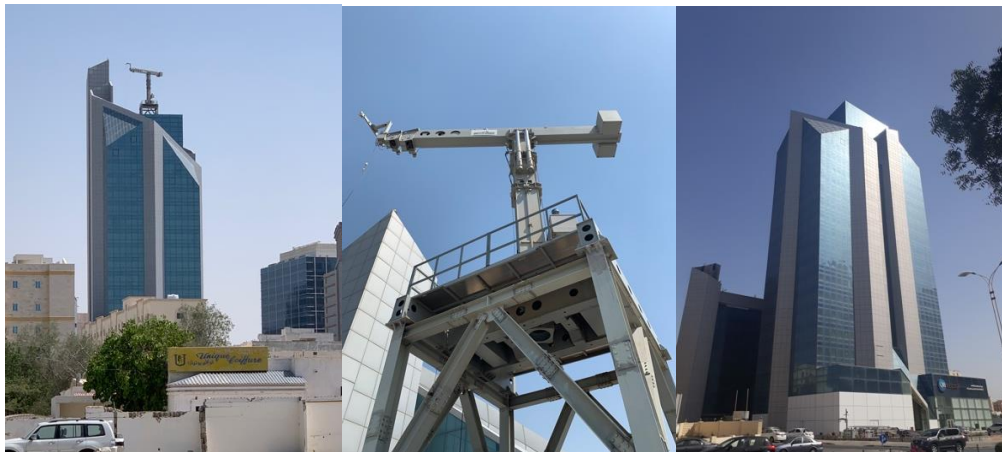


Another Sky Climber Reference!

Al Wesaya Tower - General Authority for Minor Affairs, Doha - QATAR



- DIVISION:** Sky Climber BMU & PI Division
- PROJECT NAME:** Al Wesaya Tower – General Authority for Minor Affairs
- APPLICATION:** Building Maintenance Unit (BMU)

Al Wesaya Tower is the new Head Office for the General Authority for Minor Affairs in Qatar. Al Wesaya is a 22-storey office tower in the Bin Mahmoud District of Doha, Qatar.

Sky Climber was selected to provide the window cleaning system for this 112m high tower with a BMU roof car.

The BMU is a centrally located machine- on a special designed steel structure above the chillers on the roof - with a 20.9m long telescopic jib and a 15m high telescopic mast. The challenge was to design a machine that was fully counterweighted and able to reach each and every corner and façade of the tower from the central (fixed) position on the roof.

In order to use the machine for replacing glass panels, the BMU is equipped with a 300Kg auxiliary winch.

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	112m
Self-weight	27 tonnes
Type of Jib	Telescopic jib of 20,9m length, slewing, rotating
Type of Mast	Telescopic mast of 15m height
Length cradle	2m
Cradle rated load	240kg
Hoisting	Multilayer drum
Auxiliary hoist (GRU)	300Kg
Norms	European Norm EN1808