

# Another Sky Climber Reference!

*Mwalimu Sacco HQ, Nairobi – Kenya*



- DIVISION:** Sky Climber Europe  
**PROJECT NAME:** Mwalimu Sacco HQ  
**APPLICATION:** Monorail for Window Cleaning/Façade Maintenance

*Mwalimu Sacco HQ is one of the new high-rise luxury buildings in the skyline of Nairobi, Kenya.*

*Sky Climber was selected to provide the solution to access and clean the external façades of the building. The most effective solution was determined to be multiple monorail systems with a 2m Sky PI self-powered cradle and a one-man Sky PI cage. There are eight overlapping monorail tracks: from the top level (14<sup>th</sup> floor) down to the lowest level (4<sup>th</sup> floor). The building has several levels and many recesses. Each monorail is designed to access a façade, but also allows the cradle to be lowered to ground level to be transferred to another monorail to clean the following façade.*

*The building is 65m high so the cradle is fitted with plug-in restraints. The controls have an integrated PLC based system that stops the cradle at pre-set intervals to alert the operator to insert the restraint plug.*

<b>Vertical Run</b>	<b>65m</b>
<b>Type of cradle</b>	<b>1 x 2m Sky PI self-powered cradle 1 x Sky PI one-man cage</b>
<b>Rated Load</b>	<b>240kg, 120kg</b>
<b>Type of hoist</b>	<b>Compact</b>
<b>Suspension system</b>	<b>Monorail with spreader bar trolley</b>
<b>Norms</b>	<b>EN1808</b>