



Another Sky Climber Reference!

CIS Tower L5, United Kingdom



- DIVISION:** Sky Climber BMU & PI Division
- PROJECT NAME:** CIS Tower L5, Manchester, UK
- APPLICATION:** Building Maintenance Unit (BMU)

The CIS Tower is an office skyscraper in Manchester that was completed in 1962 and rises 118 m in height. It is Manchester's second-tallest building and the tallest office building in the United Kingdom outside London. The tower remained as built for over 40 years until maintenance issues on the service tower required an extensive renovation which included covering its facade in photovoltaic panels.

Sky Climber was selected to replace the original window cleaning system from the 80's on the podium level with a replacement BMU system that complied with current European Norms.

The challenge was to design a machine that could run on the existing runway and rail. The existing track configuration was unusual, in that the track shifts sideways in the parking location to allow the machine to enter a garage. Additionally, the track gauge in the garage is 200mm wider than on the rest of track, so the machine wheels need to cope with this change in track gauge.

Vertical run	30m
Self-weight	4000kg
Type of Jib	Luffing jib
Max. reach	2,3m
Length cradle	4.5m
Cradle rated load	240Kg
Hoisting	Drum winch
Norms	European Norm En1808