

Another Sky Climber Reference!

Total Fina Olefins Flare, Antwerp – Belgium



- DIVISION:** Sky Climber Europe
- PROJECT NAME:** Total Fina Olefins Flare 1-3, Antwerp - Belgium
- APPLICATION:** Access solution for full access to all areas of mast / framework of flare stack

The Total Fina Olefins Flares in Antwerp are supported in a steel lattice mast and are some of the tallest structures in Belgium (up to 211m high). The Total Fina Flares in the Port of Antwerp are used for burning off flammable gas in the Total refinery.

In order to inspect, maintain and repair the flare stacks, Sky Climber was requested to design and manufacture a rigging and access solution which allows technicians to go up and reach each and every point of the steel lattice of the mast. Time is one of the most critical elements during maintenance, as shutdown time must be kept to a minimum. Sky Climber designed an easy to install Light Weight Cage, which can be used for accessing any point around and even inside the lattice structure of the mast by using standard steel wire ropes and a deviator cable with a manual winch. The deviator cable pulls the cage to the side in order to deviate the cage from a standard vertical descent and allow the cage to be directed to the place that needs to be reached.

The Sky Climber 1500mm Light Weight Cage is equipped with a special double Speed hoist (17m/min) Alpha hoist in order to be able to reach each point as quickly as possible.

The operators and owners of these Sky Climber platforms are extremely pleased with the solution as the total time required to install and carry out the inspection is much shorter than with any method they had used previously.

Vertical run	211m
Hoisting	Alpha 1500 – Double Speed (17m/min)
Type of Platform	Light Weight Cage (1.5m)
Safety Devices	Sky Locks, Sky OL overload, Mechanical Overload
Norms	EN1808