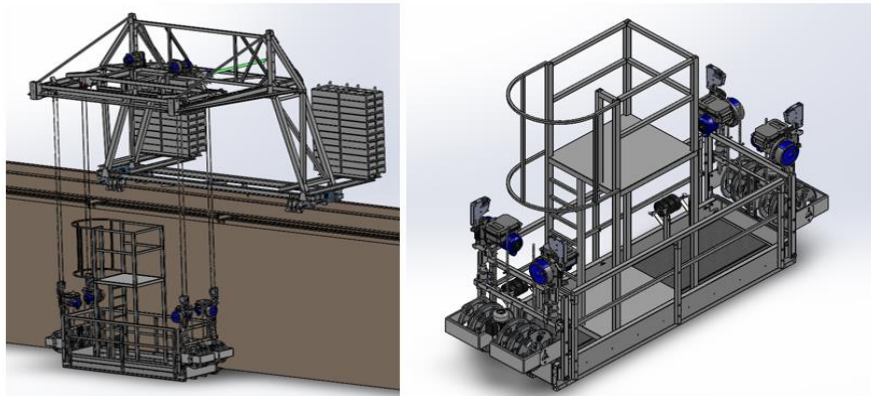


Another Sky Climber Reference!

Dampierre-en-Burly (Loiret), France



DIVISION: Sky Climber Europe

PROJECT NAME: Dampierre Nuclear Power Plant, Dampierre-en-Burly, France

APPLICATION: Installation of Cladding Panels

The suspended platform is installed at the Dampierre Nuclear Power Plant in France. It was used to replace panels on the exterior of some of the building structures. The system is composed of a special suspended platform with four traction hoists with a central tower and a suspension trolley running on rails.

The four traction hoists are mounted low on the platform to allow the tower to go up as high as possible. The tower was required so that two installers could reach the top and bottom edge of the panel simultaneously. However, this configuration raises the centre of gravity high above the deck of the platform, so four hoists were placed at each corner of the platform in order to keep it totally stable.

The platform is suspended from a mobile suspension rig running on rails mounted on the roof terrace. The platform is launched from the roof terrace and can be shifted out onto the façade when in mid-air. That is because there is no possibility to take off or land at to ground level due to machinery and tubing that are in the way. The system is also fitted with a material winch that can also shift in and out in order to pick up the panels from the roof terrace and bring them out onto the façade.

<i>Suspension system</i>	<i>Motorised roof trolley running on rails</i>
<i>Type of platform</i>	<i>Special designed rectangular platform with 4 traction hoists</i>
<i>Length of cradle</i>	<i>3,8m (L) x 1.2m (W) x 3.0m (H)</i>
<i>Cradle rated load</i>	<i>320kg</i>
<i>Type of hoist</i>	<i>Compact 400kg</i>
<i>Safety Features</i>	<i>Sky Grip, Top Limit Switch, Overload detection, anti-tilting</i>
<i>Norms</i>	<i>EN1808</i>