



ATLAS ANCHOR SYSTEMS

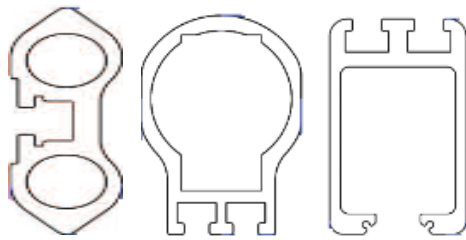
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Monorail Systems

A Monorail System is a suspended track system typically used for buildings with hard-to-reach surfaces such as recessed or overhanging facades, sloped glazing and roofs, skylights, and the inside of glazed atriums.

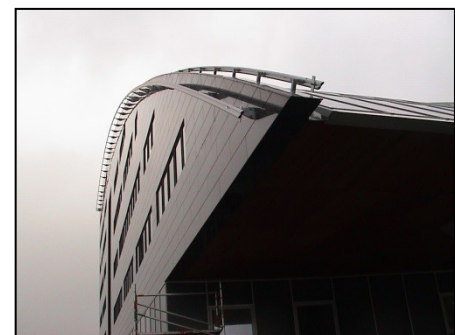
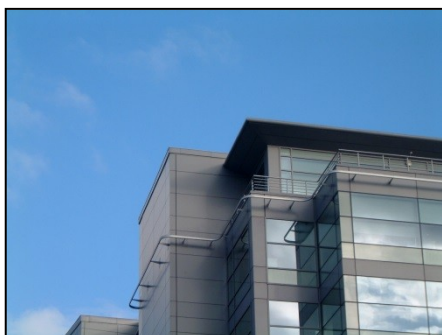
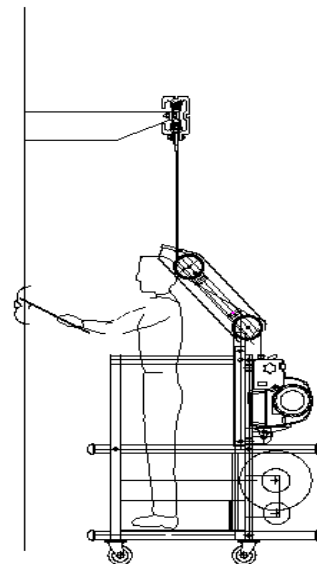
Monorails closely follow the facade, with platforms suspended from manual or powered trolleys to access various points of a structure.

Atlas, in partnership with Noracon®, a world leading Monorail manufacturer in Norway, offers a variety of different aluminium track profiles, tailor made trolleys, to suit various unique building designs.



The monorail systems are special extruded aluminum track profiles with trolleys running on the track profile, either on the side, on top, or at the bottom. The profile is installed with joint pins, end stops and suitable bolt sets, and it is fixed to a suitable galvanized steel bracket.

The bracket is fixed to the facade or roof. Each trolley can carry loads between 400 kg to 600 kg. Distance between brackets depends on the type of monorail and maximum load.



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The trolleys can be operated manually, rope driven, or electrically.

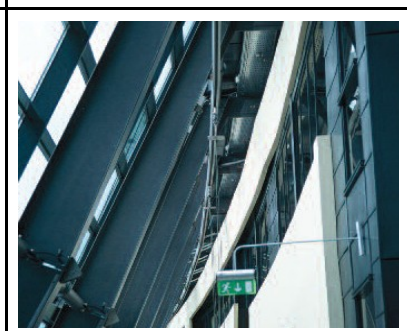
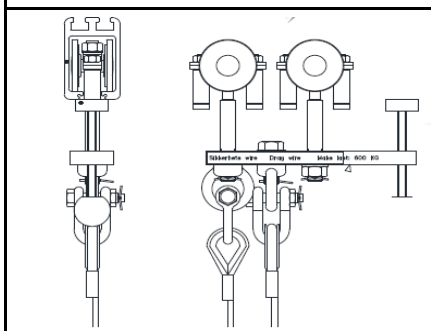
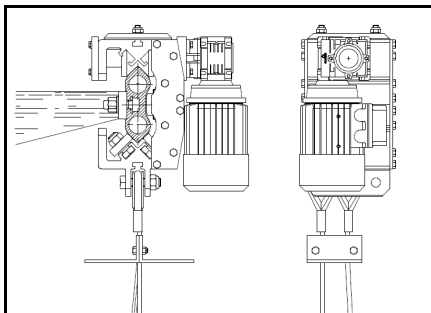


Normally the trolleys will carry maintenance units like:

- Suspended platforms
- Bosun's Chair
- Traversing gantries
- Traversing ladders
- Other façade or roof access applications

The monorail system can be installed either horizontally or inclined. It is also possible to install the monorail along with the shapes of the building. When using inclined monorails, it is possible to use the same trolley on different levels of the building. This will increase the efficiency of the workers and also blend in better with the architecture.

The monorail can be rolled, bent, twisted or angle cut.



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