

Menara Astra

Jakarta

Case Study



Manntech delivers innovative solution for Jakarta's Astra Tower

At 270 metres, Menara Astra (or Astra Tower) is one of the tallest buildings in Jakarta. As well as 51 floors of office space, the tower also features a podium with retail outlets, a food court and a conference hall that can accommodate 1000 visitors.

Another company initially put forward a facade access solution which the developers came to realise would not be practical. **Manntech's** experience of working on innovative systems for landmark projects and our technical know-how meant we were able to step in and improve on the design, retaining the basic concept of two climbing Building Maintenance Units (BMUs) but changing the track layout considerably.

The solution Manntech provided consists of two identical (twin) 3D-climbing BMUs travelling on tubular rails instead of I-beams. An I-beam is used to link this two track system. There was significant time pressure on this project due to the developers changing BMU provider at a late stage but Manntech were able to deliver the systems to the agreed schedule.

Two competitors could not convince the client on the technical details of their proposed solutions. Having seen a demonstration of Manntech's 3D-climbing BMUs in action at Shanghai Tower, the clients were convinced of our machines suitability.

Facts and Figures

Commencement:
2016

Completion:
2017

Building Height:
270 metres

Floor count:
51

Access solution:
▶ 2x Type 6.1/2000 BMUs

Outreach:
14 metres

Building Type:
Office

For more information

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