#SWARAJYA

Delhi - Meerut RRTS Line: Alstom Delivers 100 Per Cent 'Made In India' Semi High-Speed Train

Made in India semi high-speed train (Alstom)

Snapshot

- *Designed at Alstom's Hyderabad engineering centre and manufactured at Savli in Gujarat, these semi high-speed trains by Alstom are 100 per cent indigenous.*

Alstom has successfully delivered India's first semi high-speed regional train to National Capital Region Transport Corporation (NCRTC) for the 82.5 km long Delhi - Ghaziabad - Meerut Regional Rapid Transit System (RRTS) project.

The rollout ceremony was held on Saturday (7 May) at Alstom's manufacturing site in Savli, Gujarat.

Designed and built to move passengers at 180 kmph, these trains are expected to reduce the travel time between Delhi and Meerut to just 55 minutes.

The first train design inspired by Delhi's iconic Lotus Temple was unveiled in September 2020. With the manufacturing process beginning in July 2021, the first train was delivered within a year.

"These semi high-speed aerodynamic trains are energy efficient, designed to offer top-notch comfort and safety features for premium passenger experience for commuters, including those who are disabled," the company said.

Designed at Alstom's Hyderabad engineering centre and manufactured at Savli (Gujarat), these trains are 100 per cent indigenous, in line with the union government's Make in India programme.

The propulsion systems and electricals for these train cars are manufactured at the company's factory in Maneja (Gujarat).

The Savli site produces bogies and car bodies and undertakes train testing. This Alstom plant at Savli has successfully delivered Delhi Metro and Queensland Rail trains and is currently producing metro trains for Kanpur and Agra cities.

Inside the semi high-speed train buuilt for Delhi-Meerut RRTS (Alstom)

Some of the safety and passenger comfort features on these full air-conditioned semi high-speed trains include ergonomically built 2×2 transverse seating, wide gangways for comfortable standing space, overhead luggage racks, CCTV cameras, fire and smoke detector, intercom, fire extinguisher, exterior camera, door status indicators, grab handles, Wi-Fi, laptop/mobile/USB charging stations, dynamic route display maps, auto controlled ambient lighting system, large windows for a panoramic view and ergonomically designed areas to support disabled people and for medical emergencies.

Also, Delhi - Meerut RRTS line is the first in India to adopt the European Train Control System (ETCS) hybrid Level 2 signalling system, which is the core signalling and train control component of the European Rail Traffic Management System (ERTMS).