

Plan to Manufacture 260 Rakes of Vande Bharat Sleeper Trainsets: Ashwini Vaishnaw

Posted On: 04 FEB 2026 4:59PM by PIB Delhi

The process of development of new rolling stocks like Vande Sleeper necessitates a holistic approach, combining technological innovation, strategic planning and manufacturing to ensure a safe, reliable and comfortable travel. This involves development of prototype, extensive testing and trials followed by series production.

Vande Bharat Sleeper Train manufacturing programme is being executed in a phased manner through prototype development, trials and series production by BEML & Integral Coach Factory, Chennai and technology partners.

Induction of these trainsets into regular passenger service will be undertaken in a phased manner based on demand and operational readiness. A total of 260 rakes of Vande Bharat Sleeper trainsets have been planned for manufacture.

To improve travel experience of the passengers and set new benchmarks in terms of safe and comfortable journey, these train sets have been provided with modern coaches having advanced safety features and passenger amenities like:

- Jerk-Free Semi permanent couplers and Anti Climbers
- Fitted with KAVACH.
- Higher acceleration with design/operating speed of 180/160 KMPH.
- Crashworthy Design of Car body complying with EN standards.
- Fire barrier doors at the end of each coach for compliance of fire safety standards.
- Improved fire safety – Aerosol based fire detection and suppression system in electrical cabinets and lavatories.
- Regenerative braking system for energy efficiency.
- Air conditioning units provided with indigenously developed UV-C lamp-based disinfection system for deactivating 99 % harmful bacteria from conditioned air to improve the hygiene standards inside the passenger area.
- Centrally controlled Automatic Plug Doors and Fully Sealed wider gangways.
- CCTVs in all coaches.
- Emergency talk-back unit for communication between Passenger and Train Manager/Loco Pilot in case of emergency.
- For Divyangjan passengers, special lavatory in the driving coaches on each end.

- Centralized Coach Monitoring System for better condition monitoring of passenger amenities such as Air conditioning, Saloon Lighting etc.
- Ergonomically designed ladder for ease of climbing on to upper berths.

This information was provided by the Union Minister for Railways, Information & Broadcasting and Electronics & Information Technology, Shri Ashwini Vaishnaw, in a written reply to a question in Lok Sabha today.

Dharmendra Tewari/ Dr. Nayan Solanki

(Release ID: 2223201) Visitor Counter : 401

Read this release in: हिन्दी , Urdu , Marathi , Gujarati , Odia , Tamil , Kannada , Malayalam