

Intercity Passenger Coaches

Rail Systems

Today's busy train passenger is looking for a sleek, modern high speed riding experience—and the spacious intercity passenger coach from Siemens is providing exactly that: high-end, state-of-the-art lighting, low noise vestibules, large windows for greater visibility, sophisticated HVAC for all-seasons, and full accessibility for populations young and old and of all abilities. A train made up of these coaches is fully ADA accessible throughout.

Reliable Wi-Fi also available, keeping today's passenger up to speed and up to date. Equipped with modern diagnostics and an Ethernet-based communications system, maintenance is more efficient and accurate, reducing time and costs.

The Siemens intercity passenger coach features service-proven modern SF 100 US fabricated trucks with a pneumatic secondary suspension system, specially designed to provide high durability and ride comfort.

These stainless-steel vehicles are optimized with superior thermal insulation and an innovative carshell design for quieter operations and low heat gain/loss. Equipped with electro-mechanic sliding plug entrance doors flush with the carbody skins, these

provide better sealing and reduced vibration from passing trains, resulting in a ride environment that is both quieter and cleaner.

Based on a modular design from service-proven components, these coaches are available as single cars, or freely configurable up to 9 coaches in a trainset with the Charger diesel-electric locomotive.

The superior quality equipment helps to minimize energy consumption and to maximize the system reliability—

ultimately requiring less overall maintenance. They will be the only modern single-level vehicles in the U.S. market, and utilize existing proven systems and components, minimizing technical and schedule risk.

Backed by over 150 years of global experience in building passenger coaches, these coaches are fully Buy America compliant, and made at Siemens' solar-powered manufacturing facility in Sacramento, California.

Performance and Capacity

| | |
|--------------------------------|-------------------------------------|
| Maximum operational speed | 125 mph |
| Length | 85 ft |
| Width | 10 ft 6 in |
| Height | 14 ft |
| Floor height | 51 in |
| Side door width | 34 in |
| Aisle width | 32 in |
| Distance between truck centers | 59 ft 6 in |
| Number of seats | 66 (Economy), 50 (First) |
| Length of trains | Freely configurable up to 9 coaches |