


Overview of New Technologies on New High-Speed Shinkansen E5 Series

Enhanced environmental performance

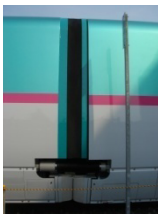
- Long-nose shape in front to reduce tunnel boom




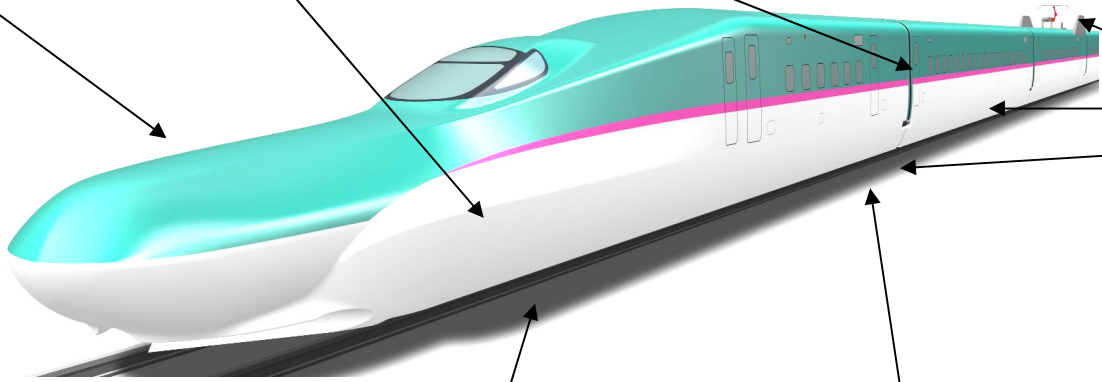
- Bogie covers



- Smooth covers between cars



- Low-noise pantographs and multi-segment sliders

Enhanced cruising performance and assured reliability

- Pantographs
- Main circuit devices
- Brake devices

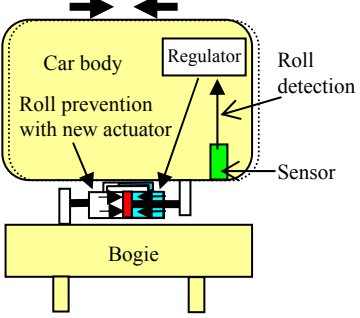


Rolling stock information

Mass-production prototype	
Configuration	10 cars (8M2T)
Car bodies	Aluminum alloy bodies
Maximum speed (rolling stock performance)	320 km/h
Control system	VVVF inverter control AC motor

Comfort enhancements

- Enhanced passenger comfort with new type fully active suspension on all cars



- Enhanced passenger comfort on curves with car tilt control

