

Innovations

brightline
florida



Touchless Hygiene

Each coach includes a spacious restroom that is ADA accessible and features a touchless environment. The toilet has a touchless flush, guests just wave their hand to flush it. For those who forget to flush, it will automatically take care of that when the door is opened. The sink is integrated into the vanity area that also includes a large back-lit mirror. Each restroom also includes a Dyson faucet that both dispenses water and dries hands from the same fixture, eliminating water dripping onto the floor.



The Seats

Every seat (in both the Smart and Select coaches) are big and comfy, wider than most other transit sets. They are all made of a blend of real and synthetic leather (real, durable leather down the middle saddle of the seat – where there will be the most “wear and tear.” There is also an easier to clean/maintain synthetic leather on the sides and backs of the seats where guests will likely be grabbing and touching with their hands the most.

Also, every aisle seat has an ergonomic metal grip handle – for guests who are walking through the train or placing bags in the overhead space to grab (no more accidentally touching another guests’ head or hair when maneuvering!)

The seats recline in place, sliding down and back. No more frustration when the person in front of you leans back and invades your space—these seats recline without compromising your neighbor’s legroom. There are a multitude of built-in power outlets and USB connections (under the armrests, in the seat pedestals) and in pop-up style table units.



The Multi-Task Tray

Every seat is equipped with a very functional tray table – it’s like 2 trays in one! Place your smartphone or smaller items on the inner small table and enjoy the extra space, OR bring down the larger table for laptops, books, and food.



Accessibility

Brightline’s interior aisles are 32 inches, wider than any other train, providing ample space for wheelchairs and strollers to easily glide throughout the coach with access to all areas, including the restrooms. Interior vestibule doors also slide open and close automatically, so guests can seamlessly move between coaches. In fact, Brightline is the first and only fully accessible train in the world.



Level Boarding

Level boarding is a unique feature on Brightline trains. The station platform and the train door are slightly different heights (about 3 inches different). As part of the automated door system on the train, Brightline utilizes a “gap filler” that literally bridges the gap and height change between the train and the platform. The gap filler makes it possible to keep the platforms far enough away that freight trains can pass by, while still providing passengers a seamless way of stepping (or rolling) into and out of the train. Brightline is one of the only trains in the industry to leverage this kind of innovation.

Trainsets manufactured by

SIEMENS



Luggage

The train has plenty of room for guests' luggage and/or other personal items. The compartment at the end of the last Smart car is for checked bags and there are luggage towers in each car for larger carry-on bags. At each seat, overhead luggage racks are available for carry-on bags, and underseat storage space can be used for small personal items.



Onboard Wi-Fi

Brightline is offering free, powerful Wi-Fi, powered by multiple antennas on every train for continuous connection in every car. So guests can bring their own device and work, binge-watch TV series or movies, play games with their kids, etc.



Bikes on Board

Brightline welcomes and encourages all kinds of more car-free (care-free!) transportation. There will be special bike racks on every train, so guests can ride their bikes to the station and bring their bikes on board with them.



Pets Welcome

For those who can't leave home without their pets, Brightline is petfriendly. Small pets can be placed in carriers under the seat and special carriers will be available for larger animals.

So Green. So Clean.



Dual Locomotives

Every Brightline train is powered by two locomotives, one on each end. The Brightline train will never have to "turn around" – it just runs "back and forth." Having two locomotives provides backup power in case one engine fails, and keeps the A/C blowing in all conditions. Also, the locomotives are modular—the roof can be easily removed, and every major component can be lifted out and replaced.



Sustainability

Brightline is the most environmentally friendly biodiesel-electric trains in service. Its locomotives meet the highest emission standards set by the federal government. Riding the train reduces CO2 emissions by 75% per passenger mile (or kilometer) when compared to travel by a personal vehicle. This service will remove 3 million cars per year from area roadways!



Diesel-electric Engine

The train is powered by a 16-cylinder, 4,000hp Cummins EPA Tier-IV compliant diesel-electric engine. And there's one in each of the trains' two locomotives. That's a hugely powerful engine that is known for how cleanly and quietly it runs.



Safety

Trains are one of the safest modes of transportation. Taking commuter or intercity rail is 20 times safer than driving.* Residents of transit-oriented development communities have 1/5 the per capita crash casualty rates compared to automobile-centric communities.

*Journal of Public Transportation, 2014
https://www.nctr.usf.edu/wp-content/uploads/2014/12/JPT17.4_Litman.pdf

Trainsets manufactured by

SIEMENS

brightline
florida



Trainsets manufactured by **SIEMENS**