

### Rail Travel – safe and convenient

When traveling by rail is simply a joy, you can sit back and watch

- how distances fade away
  - how business is made in a Premium compartment
  - how networking works in the Bistro
  - how a family feels secure in the playground compartment
- or just close your eyes, enjoy the silence and relax – Viaggio Comfort.

### Technical Data

Track gauge	1,435 mm
Length over buffers	26,400 mm
Car length	26,100 mm
Car height above ToR	4,050 mm
Car width	2,825 mm
Compartment floor height above TOR	1,250 mm
Clear width of entrance	2 x 850 mm
Clear width of gangway	1,100 mm
Entrance height above TOR	1,250 mm
Distance between bogie centers	19,000 mm
Bogie wheelbase	2,500 mm
Bogie type	SF400
Brake systems	3 disks per axle, electromagnetic track brake
Wheel diameter (new)	920 mm
Maximum service speed	230 km/h
Minimum curve radius (uncoupled)	150 (80) m
Tare weight, type-dependant	approx. 46,5 t*
Total weight, type-dependant	approx. 60,0 t*
Number of toilets	1 to 2, vacuum-type
Power supply	1,000 V AC 16 $\frac{2}{3}$ / 50 Hz; 1,500 V AC 50 Hz*; 1,500 V DC*; 3,000 V DC*; 3,000 V AC 50 Hz*
Number of seats	55 to 86 seats
Basic equipment	Comfort seats, Air conditioning, Single voltage power supply, Electronic passenger information
* ) + ) Additional types + equipment	*Semi-open plan compartments; *First class; *Cab car; *Wheelchair area; *Multi-purpose compartment; *Catering – bistro, galleys,...; *Audio/Video entertainment; *Video Surveillance (CCTV); + Multi-system power supply

# Viaggio Comfort

## Premium Intercity Passenger Coaches

# Zeitgeist and Style



## Made to innovate

Free space for individual arrangement of car layouts: seating landscapes, glass partitions and catering offerings reflect Zeitgeist and style:

- leather seats
- satin glass, brushed metal
- accented lighting
- entertainment or rest area
- a closed, extra-wide gangway for convenient passage between the cars and a consistent train appearance
- faster to your destination: at a maximum speed of 230 km/h



## Proven components

Siemens Transportation Systems is backed up by over 150 years of experience in car building.

From this ever increasing wealth of experience bodyshells, bogies and components emerge which provide competent technology from a single source.

- SF400 air-sprung high speed bogies
- multi-system power supply with IGBT technology
- bodyshell with optimized lightweight steel structure



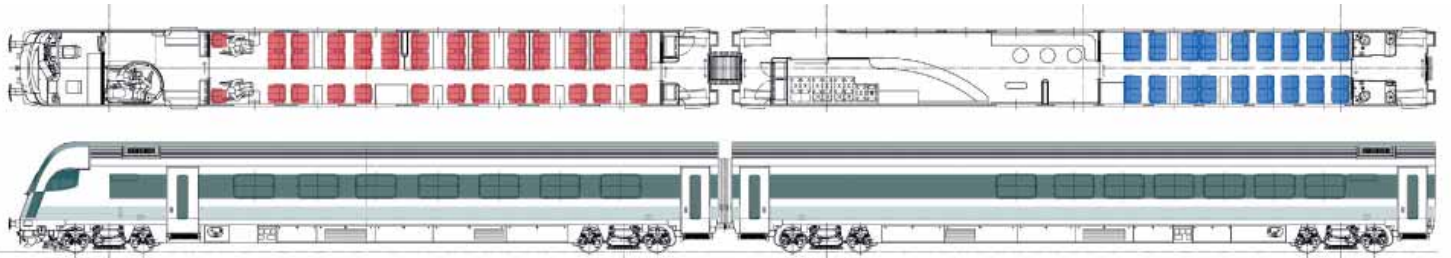
## Convincing costs

- Viaggio Comfort passenger trains hauled by Siemens locomotives provide the lowest available costs per seat km for speeds up to 250 km/h.
- trains with 4 to 10 cars and a capacity range of approx. 300 to 950 seats.

## In production

The 'Viaggio Comfort' concept has already left the drawing board and is going into production.

Austrian Federal Railways (ÖBB) have purchased the Viaggio Comfort and configured it as 'ÖBB railjet' – basic order for 161 cars + option for 280 cars.



Siemens Transportation Systems  
GmbH & Co KG  
Leberstrasse 34  
1110 Vienna  
Austria  
Tel. +43 (5)17 07 4 16 24  
Fax +43 (5)17 07 5 16 69

[www.siemens.at/transportation](http://www.siemens.at/transportation)



[www.siemens.com/transportation](http://www.siemens.com/transportation)

Printed in Germany / TH 166-060690 / 199814 / DB 09061.0 / Dispo 21704 / c4bs 3903 / Order No.: A19100-V800-B782-X-7600  
The information in this document contains general descriptions of the technical options available, which do not always have to be present in individual cases. The required features should therefore be specified in each individual case at the time of closing the contract.