

**SIEMENS**



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80-90.710

# Viaggio Twin – emotion@rail

Double-Deck Push/Pull Platform



# Viaggio Twin

The king of capacity for regional & intercity traffic



## Capacity and comfort

The Viaggio Twin permits maximum capacities and high-class comfort. Comfortably wide entrance doors make every trip a special experience. The Viaggio Twin is also fully equipped to accommodate passengers with limited mobility and thus guarantees that everyone has a relaxing ride.

## Flexible

Independent cars and a modular equipment system afford a high degree of flexibility. The Viaggio Twin is equipped with clear, standardized interfaces that allow train capacity to be scaled quickly and easily according to need, route or season.

## Efficient and cost-effective

The extreme ease of maintenance, maximum availability and reliability of the Viaggio Twin make it the most cost-efficient alternative for 300 or more passengers per train in regional as well as intercity traffic.

## Ready for the future

The Viaggio Twin complies with the UIC 505-1 G2 car profile, making it your modern and reliable partner for the future.



Technical data	
Track gauge	1,435 mm
Length over buffers	26,800 mm
Car length	26,400 mm
Car height above ToR	4,600 mm
Car width	2,780 mm
Compartment floor height above ToR	475 / 1,250 / 2,535 mm
Clear width of entrance	2 x 1,400 mm
Clear width of gangway	750 mm
Entrance height above ToR	600 / 720 mm
Distance between bogie centers	20,000 mm
Bogie wheelbase	2,500 mm
Bogie type	SF100
Brake systems	2 to 3 discs per axle + Mg
Wheel diameter (new)	920 mm
Max. service speed	Up to 189 km/h
Min. curve radius (uncoupled)	150 (80) m
Tare weight, type-dependent	Approx. 49 t <sup>2)</sup>
Total weight, type-dependent	Approx. 69 t <sup>2)</sup>
No. of toilets	0 to 2, vacuum-type
Power supply	1,000 V AC 16.7 / 50 Hz; 1,500 V AC 50 Hz <sup>1)</sup> ; 1,500 / 3,000 V DC <sup>1)</sup> ; 3,000 V AC 50 Hz <sup>1)</sup> ; 3 AC 400 V 50 Hz <sup>1)</sup>
No. of seats	80 to 130 seats
Basic equipment	<ul style="list-style-type: none"> <li>■ Air conditioning</li> <li>■ Single voltage power supply</li> <li>■ Electronic passenger information system</li> </ul>

- 1) Additional equipment, e.g.:  
 Various entrance height,  
 Multisystem power supply,  
 Video surveillance
- 2) Additional types, e.g.:  
 First class, Cab car, Wheelchair area,  
 Multipurpose area, Catering galleys

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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.