



INTERCITY PUSH-PULL TRAINS FOR OEBB

Viaggio Comfort

The railjet trainsets redefined high-speed rail service in central Europe. Operational speeds of up to 230 km/h combined with the high levels of comfort on board attract many new passengers to railway travel.

Comfort

Passengers can choose among three seating classes, business, first and second class. All seats are designed specifically for long distance travel and offer comfort features such as footrests, individual reading lights, access to a table and power sockets for charging phones and laptops. Every trainset has one bistro car where warm and cold meals can be prepared and served. Enhanced WiFi improves connectivity and supports streaming entertainment.

Pressure tight design throughout is important for the aural comfort in tunnels especially when passing other high-speed trains. It also allows free and easy movement of passengers within the train from one car to another as the gangways are wide and completely safe.

Cross-border operation

One of the greatest strengths of the locomotive hauled push-pull train solution is its flexibility in relation to interoperability. In addition to offering fast connections between Austrian cities, the railjet also connects Austria with Germany, Switzerland, Hungary, Italy, Slovakia and the Czech Republic.

Accessibility

The railjet was designed to allow all types of passengers to experience the extraordinary comfort of these trains. Onboard wheelchair lifts are available to allow safe and comfortable access from all platforms. There are dedicated wheelchair spaces as well as a spacious universal toilet which is designed for easy maneuverability. Braille signage helps visually impaired passengers to navigate the train easily and is provided on important features such as seat numbers and call for aid buttons.

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Viaggio Comfort combines efficiency with comfort

- Spacious, modern interior
- Wide, closed gangway
- 230 km/h max. operating speed
- Multi-system technology for easy cross-border traffic
- Automatic folding step for convenient boarding
- Luggage racks for bulk luggage
- Wheelchair lift to guarantee accessibility at all stations
- Wheelchair spaces
- Sufficient space for bicycles
- Dedicated seats for passengers with special requirements
- Power sockets for charging



Technical data

Track gauge	1,435 mm
Length over buffers/couplings	26,850 ¹⁾ / 26,500 ^{2) 3) 4)} / 26,450 ⁵⁾ mm
Carshell length	26,409 ¹⁾ / 25,980 ^{2) 3) 4) 5)} mm
Car height above ToR	4,050 mm
Car width	2,825 mm
Floor height compartment above ToR	1,250 mm
Clear width entrance	2 x 850 mm
Clear width passageway	1,100 mm
Entrance height above ToR	1,250 mm
Pivot pitch	19,000 mm
Bogie wheelbase	2,500 mm
Bogie	SF400
Brake system	3 discs per axle + Mg
Wheel diameter (new)	920 mm
Max. service speed	230 km/h
Min. curve radius (uncoupled)	150 (80) m
Tare mass, type dependant	54.1 ¹⁾ / 48.6 ²⁾ / 49.5 ³⁾ / 49.5 ⁴⁾ / 48.9 ⁵⁾ t
Total mass, type dependant	59.5 ¹⁾ / 53.7 ²⁾ / 56.1 ³⁾ / 56.7 ⁴⁾ / 55.2 ⁵⁾ t
Toilets	1 ^{1) 5)} / 2 ^{2) 4)} / 1 universal ³⁾ , vacuum
Power supply	1,000 V AC 16.7 / 50 Hz 1,500 V AC 50 Hz 1,500 / 3,000 V DC
Passenger capacity	27 ¹⁾ / 55 ²⁾ / 15/20 ³⁾ / 80 ⁴⁾ / 76 ⁵⁾ seats
Equipment	Comfort seats, saloon & semi-open compartments, Catering – Bistro, wheelchair lift to guarantee accessibility at all stations, children's playground, air conditioning, multisystem power supply, electronic passenger info, power sockets
Homologated Countries	Austria, Germany, Switzerland, Hungary, Italy, Slovakia, Czech Republic

Car types: 1) Premium Control Car Afmpz (1 pc.)
2) First Class Ampz (1 pc.)
3) Bistro Car ARbmpz (1 pc.)

4) Economy Class Bmpz / 1 (3 pcs.)
5) Economy Class Bmpz / 2 (1 pc.)

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