



# CITYLINK TRAM-TRAIN

TramTrain – Das Projekt  
Six rail companies from Germany  
and Austria



In January 2022, Stadler was awarded the largest contract in the company's history.

Stadler has won an international tender held jointly by six transport companies from Germany and Austria for up to 504 vehicles as part of the "VDV TramTrain" project. In addition to vehicle production, the framework agreement also includes a maintenance contract with a duration of up to 32 years. The first call-off is for 246 vehicles. The award of the contract marks the beginning of a long-standing partnership (until 2064) between Stadler and the TramTrain team, consisting of Verkehrsbetriebe Karlsruhe GmbH, Albtal-Verkehrs-Gesellschaft mbH, Saarbahn GmbH, Schiene Oberösterreich GmbH, Schiene Salzburg GmbH and Regional-Stadtbahn Neckar-Alb. Vehicles for the Albtal-Verkehrs-Gesellschaft and Regional-Stadtbahn Neckar-Alb were purchased by Landesanstalt Schienenfahrzeuge Baden-Württemberg (AöR).

The CITYLINK is a modular, barrier-free light rail vehicle that was specifically designed to connect urban areas with the surrounding region without forcing passengers to switch trains (in accordance with the Karlsruhe model) in order to offer a comfortable journey. All of the vehicles in this project are based on the same platform and are 37 metres long and 2.65 metres wide. The three-car CITYLINK vehicles have standard equipment and multifunctional zones that can be flexibly configured. Depending on the operator, the Tram-Trains can also be fitted with custom equipment. The vehicles can be operated on EBO/EisbBBV-compliant and BOStrab/StrabVO-compliant routes.

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**STADLER**



Saarbahn

## Vehicle data

Customer	Saarbahn	AVG	Regional-Stadtbahn Neckar-Alb	Schiene OÖ	Schiene Salzburg	VBK
Number of vehicles/options	28/21	75 / 73	30 / 57	20 / 50	20 / 5	73 / 52
Operated networks	Greater Saarbrücken area, DE	Greater Karlsruhe/Heilbronn area, DE	Neckar-Alb region, DE	Upper Austria (state), AT	Salzburg (state), AT	Greater Karlsruhe area, DE
Commissioning	2025	2025	2027	2026	2026	2026
Uni-/Bidirectional (UD/BD)	BD	BD	BD	BD	BD	UD
Axle arrangement	Bo'Bo'2'Bo'	Bo'Bo'2'Bo'	Bo'Bo'2'Bo'	Bo'Bo'2'Bo'	Bo'Bo'2'Bo'	Bo'2'2'Bo'
Nominal voltage	750 V DC + 15 kV AC	750 V DC + 15 kV AC	750 V DC + 15 kV AC	750 V DC + 15 kV AC	750 V DC + 1000 V DC	750 V DC
Track gauge	1,435 mm					
Vehicle length	37,200 mm					
Vehicle width	2,650 mm					
Vehicle height	3,900 mm					
Optimised for platform height	350-380 mm	550 mm	550 mm	550 mm	380 mm	340 mm
Number of passenger doors	4 per side	4 per side	4 per side	4 per side	4 per side	5
Standing passenger capacity (4 pers./m²)	133	136	135	136	135	120
Seats incl. tip-up seats	100	93	94	94	94	109
Max. axle load	11,2 t	11,5 t	11,5 t	11,5 t	11 t	11,5 t
Smallest traversable curve radius	22 m					
Wheel diameter, new/worn	700 / 600 mm					
Maximum speed	100 km/h					
Motor power	6 x 125 kW	6 x 125 kW	6 x 125 kW	6 x 125 kW	6 x 125 kW	4 x 125 kW
Universal WC	No	Yes	Yes	Yes	Yes	No
ETCS	No	Yes	Yes	Yes	Yes	No

## Technical features

### Technology

- Lightweight structure made of high-strength stainless steel (duplex)
- Bogie with ball-bearing-supported slewing ring
- Multiple unit traction of up to four units
- Energy efficiency thanks to lightweight structure, CO<sub>2</sub>-heat-pump heating, effective vehicle insulation

### Passenger comfort

- Flexibly designed, light and spacious interior
- Air suspension for smooth, low-noise operation and increased passenger comfort
- Operator-specific configuration of multifunctional zones
- WLAN and infotainment with 29" widescreen display unit
- Air-conditioning system according to regional-train-standard
- Barrier-free entrance area in accordance with operator-specific platform heights

### Personnel

- Ergonomically designed driver workplace
- Driver workplace with independently controlled air-conditioning system
- Rear-view and front cameras
- Collision warning system (operator-specific)
- Safety thanks to compliance with the latest crash standards

### Reliability/Availability/Maintainability/Safety

- Full compliance with EN 12663 P-III + P-IV and EN 15227 C-III + C-IV
- Surveillance camera system
- Passenger counting system
- Energy consumption meter
- Maintenance agreement with operators