

226 FULLY AUTOMATED, DRIVERLESS 4-CAR TRAINS

S-Bane **Copenhagen**

Siemens consortium to deliver fully automated trains for S-Bane Copenhagen

The Danish State Railways (DSB) has signed a contract in February 2026 with the consortium of Siemens Mobility and Stadler for the delivery of 226 fully automated 4-car trainsets with an option for up to 100 further trains. The fleet creates the world´s largest open railway system with fully automated train operation.

Siemens Mobility, as a consortium leader, is responsible for the electrical equipment, including the propulsion system, on-board power supply system, vehicle and train control systems, passenger information system, as well as for the vehicle bogies and brake system.

Stadler provides the carbodies, couplings, all interior fittings and seats, air conditioning and doors. Stadler also handles the final assembly of the trains.

The consortium was also awarded a comprehensive maintenance contract that ensures the availability and reliability of the trains for at least 30 years.

The first vehicles, featuring an iconic design, will be ready to enter service as of 2032. Subsequently, all remaining vehicles will be delivered continuously to DSB until 2040.

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Highlights

- The order comprises 226 four-car trains, with an option for up to 100 additional trains.
- The new fleet will become part of the world's largest open railway system with fully automated train operation (GoA4).
- A comprehensive service and maintenance contract (TSSSA+) for at least 30 years, combined with innovative digital tools such as Railigent X, optimizes the availability and reliability of the trains.
- In combination with the new Siemens CBTC signaling system, the trains enable headways of down to 90 seconds, creating capacity for around ten million additional journeys per year.
- Retractable steps enable easy, safe and barrier-free access, including for wheelchair users.





- Powerful air-conditioning systems and modern passenger information systems ensure a high level of passenger comfort.
- The innovative, Air-free Brake System reduces complexity and maintenance effort and enables precise stopping at stations.





All renderings: Stadler

Technical data

Train configuration	4-car articulated train
Car body material	Aluminum
Track gauge	1,435 mm
Length (over coupling)	56,000 mm
Width	3,550 mm
Entrance height	920 mm (PRM Door); 1,100 mm
Door Width	1,600 mm
Power supply	1,650 V DC / pantograph
Maximum operating speed	120 km/h
Passenger capacity per train (4 Passengers/m²)	409 (108 Seats, 16 Folding Seats, 2 Wheelchairs)

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