

Media release

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Bussnang, 21 May 2025

Stadler supplies eight new rack-and-pinion railways for the spectacular ride up Rochers-de-Naye

Transports Montreux-Vevey-Riviera (MVR) has ordered eight new cogwheel trains from Stadler. The completely redesigned multiple-unit trains will take passengers from Montreux to the summit of Rochers-de-Naye from 2029. The special panoramic windows offer an optimal view of the Alps and Lake Geneva during the journey. The trains produced in Bussnang (TG) offer a high level of travelling comfort and are tailored to the needs of the tourist route.

The contract was signed on 20 May 2025: Transports Montreux-Vevey-Riviera (MVR), a company of Montreux Oberland Bahn (MOB), and Stadler agreed on the delivery of eight new panoramic cogwheel trains. The vehicles be used from 2029 on the route from Montreux to the summit of Rochers-de-Naye at over 2000 metres above sea level and will replace the 40-year-old fleet.

Tailored to the needs of tourists

The eight cogwheel trains are being built at the Stadler plant in Bussnang (TG). This is a completely new development. The trains are specially tailored to the tourist requirements of the route with its spectacular views of the Vaud Alps and Lake Geneva. The large windows are striking. From the seats behind the driver's cabs, passengers have a clear view to the front. The centre carriage is also equipped with large panoramic windows that provide an excellent view of the impressive landscape. The vehicles also have a 1st class compartment. MOB and Stadler worked together with the renowned Italian designer Pininfarina to create the unique design of the train.

Design and functionality perfectly combined

In addition to its elegant and functional design and comfortable equipment, the cogwheel multiple-unit train meets the latest technical standards. It is around 40 metres long and offers space for a total of 216 passengers. The rack railway is designed for gradients of up to 220 per thousand. Special attention was to sustainability: The braking energy is converted into electrical

energy and fed back into the power grid. In addition, the air conditioning system is energy-efficient and fulfils the highest ecological standards.

"The world of mountain railways is being revolutionised because this is undoubtedly the most beautiful cable car ever built," says a delighted Georges Oberson, CEO of MOB.

"This is a very special project for Stadler. The combination of iconic design, state-of-the-art cogwheel technology and panoramic experience is unique. We are delighted that we can contribute to making the journey up the Rochers-de-Naye a special experience with our customised cogwheel trains," says Frédéric Evequoz, Sales Manager for customised vehicles at Stadler.

The picture of the train is an illustration.

*Caption Signing of the contract (from left to right): **Frédéric Evequoz**, Sales Manager for Customised Vehicles Stadler; **Georges Oberson**, CEO MOB; **Christian König**, Deputy Head of Marketing & Sales Stadler; **Timothée Leuthold**, Head of Rolling Stock MOB.*

Technical data

Weight	62 t
Track gauge	800 mm
Vehicle length over coupling	40.1 m
Vehicle width	2.23 m
Vehicle height	3.6 m
Door width	1'400 mm
Seats	113
Standing room	103
Maximum speed	35 km/h
Entry height	350 mm
Axle arrangement	2'z2'2'z2'z2'z2'z
Drive wheel diameter	686 mm
Impeller diameter	450 mm
Bogie axle stand	2'200 / 1'600 mm
Max. Starting tractive force	220 kN
Maximum power on the bike	1'320 kW
Supply voltage / rated voltage	1'500 V DC

About Stadler

Stadler has been building trains for over 80 years. The provider of mobility solutions in rail vehicle construction, service and signalling technology has its headquarters in Bussnang in eastern Switzerland. More than 15,000 employees work at 8 production and 6 engineering sites as well as over 80 service locations, including over 5,600 employees in Switzerland.

The company is aware of its social responsibility for sustainable mobility and therefore stands for innovative, sustainable and durable quality products. The product range for mainline and urban transport includes high-speed trains, intercity trains, regional and suburban trains, underground trains, tram-trains and trams. Stadler also manufactures mainline locomotives, shunting locomotives and passenger coaches. Stadler is the world's leading manufacturer of rack-and-pinion railway vehicles.

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