

Railcare successfully cleans a new railway tunnel in Sweden using its battery-powered vacuum machine

Work on the Varberg Tunnel, managed by Implenia for Trafikverket, is entering its final phase near Gothenburg. A key step in preparing for the commencement of train operations is the removal of construction dust and dirt from the tunnel. Railcare has been contracted to ensure a smooth, efficient, and sustainable cleaning process with its battery-powered vacuum machine.

The Varberg Tunnel, part of the West Coast Line extension, is nearing completion after several years of construction. Spanning approximately three kilometres beneath the centre of Varberg, it is scheduled to open in summer 2025. In this final phase, Trafikverket is focusing on fine-tuning the environment and ensuring it is clean and safe for future train traffic.

Railcare is playing a vital role in the Varberg Tunnel project by utilising its battery-powered vacuum machine to remove construction dust and fine particles from the macadam and walkways within the railway tunnel. This machine is the largest of its kind in the world and enables emission-free cleaning, making it particularly effective in tunnel environments where ventilation and air quality are crucial.

“It is a fantastic opportunity to contribute to such an important project as the Varberg Tunnel. Our vacuum machine excels in hard-to-reach places. In addition to tunnels, we can also effectively use it in bridges and railway yards,” says Per Nilsson, Project Manager at Railcare.

After the cleaning is complete, the final work in the tunnel will proceed for the planned start of traffic in July 2025. With the Varberg Tunnel in operation, travel along the West Coast Line will be smoother and more efficient, benefiting both freight and passenger traffic on this route.

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About Railcare Group

The railway specialist Railcare offers innovative products and services for the railway; for example, railway maintenance with self-developed machines, a locomotive workshop, special transport and machine sales projects. Our market is mainly in Scandinavia and the United Kingdom. The railway industry is in a positive development with increasing traffic volumes, extensive investment programs, developing cost-effective freight and passenger transport, and rising environmental awareness. Railcare delivers both sustainable and efficient solutions that contribute to the railway, so it can be used for the maximum number of years to come. The shares of Railcare Group AB (publ) are listed on the Small Cap list of the Nasdaq Stockholm exchange. The Group has approximately 190 employees and annual sales of approximately SEK 630 million. The company's headquarters are in Skellefteå.

Image Attachments

[MPV Varbergstunneln](#)