



Wacker Neuson EZ17e

IMAGE SOURCE: Wacker Neuson SE

Responsibility for nature: Trail construction without exhaust emissions

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- **Wacker Neuson zero emission at the construction of a mountain bike trail park**
- **Emission-free application in the car-free region Bettmeralp**
- **Electric excavators, dumpers and battery-powered plates in application**

A region completely without internal combustion engines – this is the Bettmeralp in the Swiss Aletsch Arena. Here, a mountain bike trail park barely three kilometers long is being developed – fully in harmony with nature. The **Wacker Neuson** zero emission solutions are ideal for this, as they work without direct exhaust emissions

and are particularly low in noise. Velosolutions, a business with long years of experience in trail construction, is responsible for the implementation. “We love the Alps, and working in this special setting without noise or exhaust emissions puts us in a really good mood,” explains Roman Gadiant, trail builder at Velosolutions. “We are using the zero emission machines by Wacker Neuson for nature’s sake. Meanwhile, manual labor is a big component of our work.” Not only the construction work was carried out with electric machines, but also transport, with an electric-powered truck.



Wacker Neuson DT10e EZ17e

IMAGE SOURCE: Wacker Neuson SE

Ideal interplay

“The emission-free construction machines and equipment by Wacker Neuson are an ideal fit for the Bettmeralp concept: no combustion engines,” explains Patric Stillhart, Sales Manager for Wacker Neuson

Switzerland. "A trail park can be developed in the middle of nature without causing exhaust emissions." Two Zero Tail excavators EZ17e showed what they could do during excavation work. With its high-quality lithium-ion technology, the machine meets the high demands for performance, durability, and sturdiness. This technology has already been in use by Wacker Neuson for several years now and has proven its worth many times. The generous battery capacity ensures that the hydraulic functions are available the whole workday long with the same performance as on a conventional model. The machines were charged by the power supply of the existing permanent snow cannons (415 volts). For transporting material, the track dumper DT10e by Wacker Neuson was used. The low location of the batteries makes it particularly stable, which is especially useful in the rough terrain of the Alps. For soil compaction, two battery-powered vibratory plates APS1135e were put into application. One advantage: the large crane yoke is built for stability and thus can also be used for steering sideways, as here when constructing a trail on a slope. Like all zero emission solutions by Wacker Neuson, the plate has the same output as its conventional counterpart. "The switch to electric machines was very easy for us," Roman Gadiant emphasizes. "It's really fun to work with them – you wouldn't want it any other way anymore."



Wacker Neuson APS1135e

IMAGE SOURCE: Wacker Neuson SE

The emission-free construction site is a reality

The zero emission series by Wacker Neuson includes, besides the electric excavator EZ17e, the track dumper DT10e and the vibratory plate APS1135e, other construction machines and equipment. These include several battery-powered plates and various vibratory rammers, an internal vibrator system for concrete consolidation, a wheel dumper and a wheel loader – further solutions are in planning. With these, Wacker Neuson offers a product portfolio that makes the emission-free construction site a reality already today.

Source: Wacker Neuson SE

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