

Press Information of 17th of February, 2025

Anzahl der Textzeichen: 2.579

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Fliegl Thermo push-off trailer optimises asphalt paving at Nikola Tesla Airport in Belgrade

Precision and efficiency on the runway - 270,000 tonnes of asphalt laid with the ASW Thermo

The highest quality was required - and delivered - for the expansion of Nikola Tesla Airport. Thanks to the innovative Fliegl ASW Thermo push-off trailer, around 270,000 tonnes of asphalt were laid with precision and temperature stability. The runway was modernised over a distance of almost seven kilometres in order to further increase the safety and performance of the airport.



Photo 1: Numerous Thermo ASWs in use, Photo: © SREMPUT DOO Ruma, Serbia

Temperature stability for maximum asphalt quality

The biggest challenge in large-scale asphalt projects is maintaining a constant temperature of the mix. This is exactly where the Fliegl ASW Thermo comes in: Its special thermal insulation ensures that the asphalt remains at the optimum processing temperature throughout the entire transport and paving process. Temperature fluctuations, which can lead to reduced adhesion and cracking, are minimised. As a result, the paving quality is significantly improved and the asphalt pavement lasts longer.

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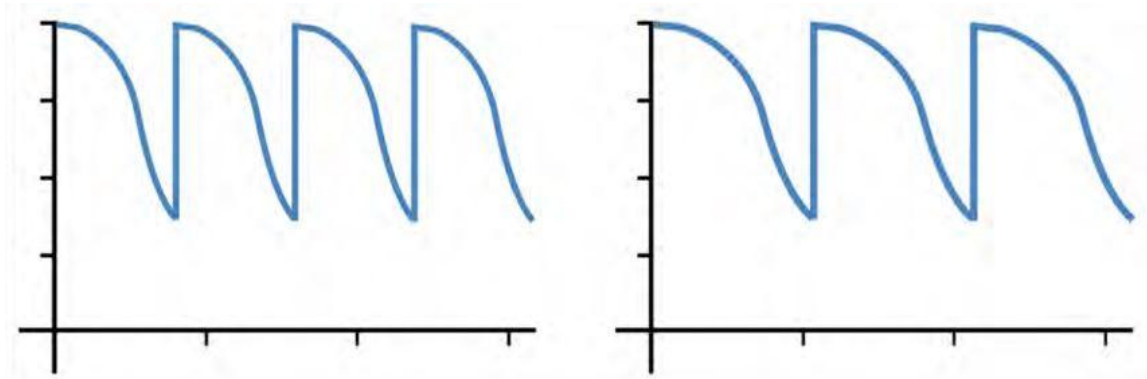


Figure 2: Extending the life cycle of the asphalt (left: when paving with tippers, right: when paving with Thermo ASWs)

Maximum efficiency thanks to push-off technology

Another highlight of the Fliegl ASW Thermo is the innovative push-off technology. In contrast to conventional tipper vehicles, it enables controlled and even material discharge. This reduces material losses, prevents compaction problems and ensures precise dosing of the asphalt. In addition, the push-off trailer can also be unloaded in low halls or under bridges - a clear advantage over tippers.

Focus on safety and sustainability

The focus is not only on efficiency, but also on safety. As the Fliegl ASW Thermo does not tip over, there is no risk of tipping - an important safety aspect on uneven construction sites. At the same time, the reduced maintenance requirements contribute to a high level of cost-effectiveness. In addition, the reduced CO₂ emissions due to less loss of mix and optimised transport enable a more sustainable construction method.

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Photo 2+4: © SREMPUT DOO Ruma, Serbia

Future-proof airport construction with Fliegl

The successful modernisation of the runway at Nikola Tesla Airport underlines the performance of the Fliegl ASW Thermo. With its innovative technology, high precision and maximum efficiency, it sets new standards in asphalt logistics - not only in Belgrade, but worldwide.

Fliegl Bau- und Kommunaltechnik is part of the globally active Fliegl Group which exports innovations in the fields of agricultural technology, commercial vehicle construction, forestry and the energy industry into all continents.

In Mühldorf am Inn, the company develops and manufactures products for the building industry and municipal companies. The portfolio includes dump trucks, transport systems, water barrels, mixers and mixing plants and the Fliegl push-off technology: where the use of dump trucks is too risky or impossible, push-off vehicles as truck or semitrailer unload safely and in a controlled manner all kinds of bulk materials. With the ASW "Asphaltprofi Thermo" the asphalt is delivered in a hot and homogenous manner so that it can be laid in optimum consistency.

Comprehensive support rounds off the Fliegl Bau- und Kommunaltechnik range: The internet portal www.fliegl-baukom.de enables spare parts to be ordered quickly and conveniently and provides information on dealers and service partners.

Fliegl Baukom: www.fliegl.com

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