

Press release

Mota-Engil orders 10 Liebherr railroad excavators for a major project in West Africa

- 10 new Liebherr railroad excavators for Portuguese construction company Mota-Engil
- The outstanding performance of these machines prompted the Portuguese customer's purchase
- The A 922 Rail Litronic machines will be used in a railway infrastructure project in West Africa

The Portuguese construction company Mota-Engil has once again opted for Liebherr railroad excavators. The ten new machines of the type A 922 Rail Litronic will be used for a major railway project in Nigeria and Niger.

Kirchdorf an der Iller (Germany), 4 November 2024 – The design and construction of the Kano-Maradi railway line between Nigeria and neighbouring Niger is the largest contract in Mota-Engil's history, with a contract value of around USD 1.8 billion. The approximately 284-km-long line will connect the Nigerian city of Kano with Maradi in the south of Niger.

Mota-Engil has ordered ten A 922 Rail Litronic machines from Liebherr for this major railway infrastructure project, during which the excavators will be used to create the track infrastructure. This will include, for example, grading work and laying rails, sleepers and ballast as well as points. After completion of the railway line network, the machines will be used for track maintenance work.

Powerful Liebherr railroad excavators for both road and rail applications

In previous years, the company had already acquired seven Liebherr railroad excavators of the same type for projects on the Iberian Peninsula. Its positive experiences with the type, not least due to its excellent performance, was a key factor in the customer's decision to purchase more of these machines.

The A 922 Rail Litronic is based on a sophisticated design concept – as a railroad excavator it can be used both on roads and on railway tracks. A rail guide system, which is attached to both sides of the undercarriage, brings the tyres to rail level during the changeover to rail. The inner wheels of the twin tyres are then used for the rail-based travel drive. Thanks to a 120 kW / 163 hp construction machine engine and an optimally tuned hydraulic system, the excavator achieves high working speeds with the usual fluid attachment movements. Its innovative hydraulic concept includes a Liebherr variable-displacement double pump with an independent regulating circuit. Powerful, hydraulic attachments can thus be operated independently of the machine's working and driving movements.

The Mota-Engil machine package also includes numerous Liebherr attachments such as swivelling ditch-cleaning-buckets, clamshell buckets and backhoe buckets. To ensure quick and safe replacements of both mechanical and hydraulic attachments, the customer's machines are also equipped with the fully automatic quick-coupling system Solidlink.

About the Mota-Engil Group

Founded in 1946, the Mota-Engil Group is a multinational company that focuses on construction and infrastructure projects. As a leading company in Portugal, it is one of the 25 largest European construction groups. The Mota-Engil Group is present in 23 countries with a focus on three geographical regions: Europe, Africa and Latin America.

About the Liebherr Group

The Liebherr Group is a family-run technology company with a highly diversified product portfolio. The company is one of the largest construction equipment manufacturers in the world. It also provides high-quality and user-oriented products and services in a wide range of other areas. The Liebherr Group includes over 140 companies across all continents. In 2021, it employed more than 49,000 staff and achieved combined revenues of over 11.6 billion euros. Liebherr was founded in Kirchdorf an der Iller in Southern Germany in 1949. Since then, the employees have been pursuing the goal of achieving continuous technological innovation, and bringing industry-leading solutions to its customers.

Images



liebherr-mota-engil-1.jpg

The Portuguese company Mota-Engil is relying on ten powerful Liebherr A 922 Rail Litronic rail-road excavators for a major railroad project in Nigeria and Niger.



liebherr-mota-engil-2.jpg

With the official handover of the keys, the rail machines are now ready to do their work.



liebherr-mota-engil-3.jpg

The ten A 922 Rail Litronic will be used in a variety of ways during the construction of the railway infrastructure and will support track maintenance once the major project has been completed.

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