

Job Report

LB 24

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Hanic Almir
machine operator
Briv Construction d.o.o.



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Situation

It is known as the southernmost fjord in Europe: the Bay of Kotor in Montenegro. The luxury resort Portonovi is being built in Kumbor, the former base for naval aircraft and divers. Briv Construction d.o.o. is using the Liebherr drilling rig LB 24 for the deep foundation work. The former barracks of the

Yugoslavian People's Army makes way for picturesque bays and the hotel belonging to the South African luxury chain "One&Only". Villas, apartments and piers as well as recreational and shopping facilities are being developed on approximately 1.4 km of coastline.

"Power and Precision"

The biggest challenge for the deep foundation company is the stabilization of the beach section. Briv is relying on the LB 24 and is drilling the piles required in the bay from a barge.

Briv had calculated with the installation of one pile per day. However, due to the good daily performance of the LB 24, latterly even three to four piles were installed, including concreting. "The drilling rig combines power and precision. The control system is simply the best," so the machine operator Hanic Almir describing the handling.

The first pile for this project was drilled by Briv in 2014. Since then the company has installed 70 km of piles using 22,000 m³ of concrete and 3,400 t of reinforcements. The piles are 32 m deep, have a diameter of up to 800 mm and are fully cased. The tools used are rock drilling augers and buckets.

The Door to a Dreamworld

Briv is also installing drilled piles for the luxury hotel's pier. Furthermore, breakwaters are being built in the harbour area for protection. In addition to the LB 24, Briv is using two drilling rigs type LB 28, the piling and drilling rig LRB 125, the duty cycle crawler crane HS 873 HD, and the mobile crane

LTM 1100, all from Liebherr, for the project. The Bay of Kotor links a landscape resembling the fjords of Norway with the southern flair of the Adriatic Coast. The door to this dreamworld opens in autumn 2020, when the Resort Portonovi welcomes its first guests.

Technical Data – LB 24

Max. torque:	270 kNm
Max. winch line pull:	200 kN
Engine power:	320 kW
Operating weight:	75.8 t

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