

Press Release

Lorban TP opts for performance, flexibility and comfort: Liebherr R 945

- The choice fell on a high-performance machine with short loading cycle times
- Increased productivity with a new Generation 8 excavator
- Lorban TP: A family business with around 50 years' experience

Lorban TP deals with the extraction and loading of limestone at the Carrières du Bassin de la Sambre (C.B.S.). These quarries produce 600,000 tonnes of limestone granulate annually for industry, construction and civil engineering.

Limont-Fontaine (France), 8th December 2020 - Lorban TP was looking for a high-performance machine with short loading cycle times. The excavator was required to operate a hydraulic hammer, to break up the the rock, as well as a shovel to load it into the dump trucks. The company chose the new Liebherr Generation 8 R 945 crawler excavator to replace a Generation 6 R 946. The Generation 8 range of crawler excavator comprises 7 models and was launched at Bauma Munich in 2019. The R 945 is the replacement model for the Generation 6 R 950 SME. These machines put a new architectural concept into application that has enabled optimised operating performance, comfort, ergonomics and safety.

The R 945 crawler excavator combines flexibility and performance

Jean-Pierre Deruelle, the only driver of the R 945, previously worked with an R 946 excavator. When comparing the old and new generations, he noticed both an increase in performance and an increase in stability. He also appreciates the comfort of the cab and the smoothness of the movements that make the R 945 an ideal work tool. The spacious and air-conditioned cab is equipped with an air-sprung seat with vertical and longitudinal shock absorption. The R 945 achieves higher outputs than the old R 946, and has an engine output of 220 kW compared to the 200 kW of its predecessor. The average fuel consumption is 28.5 litres per hour. The engine efficiency of the Generation 8 excavators meets the European standard of Exhaust Gas Stage V. The transition to idling and the start-up are controlled automatically.

The right excavator for the company's requirements

The R 945 crawler excavator is equipped with an HDR bucket with a 2.5 m³ capacity for loading the granules into the dump trucks and can be fitted with a hydraulic hammer for crushing the rock. The machine was perfectly adapted to the company's requirements. It is equipped with a 6.15 m long SME monobloc jib with SWA 66 hydraulic quick change system. The driver appreciates the new LED lighting on the latest generation machines. The lighting is more powerful, has a longer reach and a longer service life than the halogen system of the predecessor model. The brightness of the LED headlights can be switched with a single press of the joystick button, which is very convenient for the operator. The stability and dynamics of the excavator enable loading cycle times to be shortened, thus increasing production output. A loading cycle takes between 14 and 15 seconds. The time required to load an articulated dumper truck in the 30-tonne class is 1 minute and 20 seconds in 7 cycles.

About Lorban TP

Lorban TP employs 300 people and has been active for almost 50 years in the construction of drinking water and sewage networks, civil engineering, road infrastructure, asbestos removal from buildings and building demolition. The family business was founded in 1972 by Robert Lorban and taken over by Philippe Lorban in 2000.

About the Liebherr Group

The Liebherr Group is a family owned technology company with a broadly diversified product range. The company is not only one of the world's leading manufacturers of construction machinery, but also offers high-quality, value-added products and services in many other areas. The group, which today is made up of more than 140 companies on all continents, employs more than 48,000 people and in 2019 generated consolidated sales of more than 11.7 billion euros. Since Liebherr was founded in Kirchdorf an der Iller in southern Germany in 1949, the company has pursued the declared goal of inspiring its customers with outstanding solutions and contributing to technological progress.

Images



liebherr-r-945-lorban-tp-1.jpg

Lorban TP chose a Generation 8 R 945 crawler excavator to replace its Generation 6 R 946.



liebherr-r-945-lorban-tp-2.jpg

The R 945 belongs to Generation 8, consisting of 7 models from 22 to 45 tonnes.



liebherr-r-945-lorban-tp-3.jpg

Generation 8 is characterised by a new architectural concept that enables optimised performance, ease of use, comfort, ergonomics and safety.

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Published by

Liebherr France SAS

Colmar, France

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