

Press information

Largest Liebherr material handling machine in France delivered

- **Machine handover performed in the harbour of Villefranche-sur-Saône, near Lyon**
- **Material handler specially designed for the fast and efficient handling of bulk goods and general cargo**
- **The largest Liebherr material handling machine delivered in France to date**

The largest Liebherr material handling machine to be delivered in France to date, an LH 110 M Port Litronic, will be operated at the harbour of Villefranche-sur-Saône in the Auvergne-Rhône-Alpes region, near Lyon. The harbour is located directly on the wide-gauge axis of the Rhône-Saône rivers, acting as a trimodal location linking waterways, road and rail carriers across the whole of France.

Kirchdorf an der Iller (Germany), 15 January 2021 – Florent Dupré, Managing Director of the Harbour of Villefranche-sur-Saône, was looking for a high-quality, reliable machine that would be able to deliver good handling performance. Furthermore, it should also offer great flexibility to meet a wide range of different operational requirements in the harbour.

The company, which has maintained a commercial relationship with Liebherr since 2002, selected the LH 110 M Port, a new material handling machine with an operational weight of around 110 tons from the Port Equipment product line. Besides the high level of product quality, Florent Dupré was impressed by the openness and competence of the local Liebherr representative, Tecmat Service.

The machine: LH 110 M Port Litronic

The new Liebherr LH 110 M Port material handling machine was designed especially for handling bulk goods and general cargo in port handling operations. It impresses with its new weight-optimized equipment and enormous lift capacities. At the same time, the 13 metre angled boom and the 12 metre straight stick give the machine a reach of up to 23.8 metres, allowing it to cover an extensive working area when loading and unloading ships. Outrigger support on the front and rear mobile undercarriage and optimised weight distribution between

the uppercarriage, undercarriage and equipment provide for maximum stability in working operation and contribute to an above-average handling capacity.

The LH 110 M Port at the harbour in Villefranche-sur-Saône is presented as a powerful and efficient machine. The equipment includes the standard, innovative Liebherr energy recovery (ERC) system. This boosts the system performance, providing for greater handling capacity and at the same time allowing energy savings of up to 30%. The 300 kW / 408 hp, Stage V emissions compliant Liebherr construction machinery diesel engine allows the material handling machine to mobilise a total output of 478 kW in combination with the ERC system.

Top-class cab: maximum operating comfort

Another highlight of the LH 110 M Port is the freely variable height-adjustable double-parallelogram hydraulic driver's cab with sliding door. Its large window areas give the operator in the harbour optimum view upwards, forwards and downwards. The double-parallelogram cab can be moved forward up to 4 metres for an even better view to the front, for example over a ship's side. Moreover, it also offers the operator safe and simple access from the ground. The ergonomic driver's seat, the intuitive colour touchscreen display and the standard proportional controls and joystick steering all contribute to comfortable operation and precise control of the Liebherr material handler.

Liebherr attachments and quick coupling systems: for economical handling in the harbour

Every day, a wide range of different materials are handled at the harbour in Villefranche-sur-Saône. This amounts to up to 1,850,000 tons of bulk and conventional goods every year. The company's product portfolio includes a broad range of logistics solutions in the field of heavy load handling, plus warehouse and outdoor storage capacity. In order to respond flexibly to specific operational requirements, Florent Dupré chose the attachments specially developed and produced by Liebherr for harbour handling. The equipment of the LH 110 M Port now includes the Liebherr clamshell and the Liebherr wood grapple, each in two different sizes. The two Liebherr clamshells, the GMZ 80 and GMZ 120, can be used for the safe and fast handling of bulk goods such as ore, coal, sand, gravel and grain. The filling volume of the Liebherr clamshell GMZ 80 is 6 m³; that of the GMZ 120 around 8 m³. The special Liebherr wood grapples are used for the safe handling of all kinds of wood and timber. The Liebherr wood grapple GMH 80 can pick up and handle up to 1.9 m² of wood. The Liebherr wood grapple GMH 120 can manage up to 3.6 m². To enable the attachments to be changed quickly and safely for different operations from the driver's cab, the LH 110 M

Port is now equipped with the MH 110B LIKUFIX quick coupling system. This is a fully automatic coupling system for suspended attachments, for example Liebherr clamshells and wood grapples. Florent Dupré is convinced: "The combination of Liebherr attachments specially designed for the intended operation, and the fully automatic Liebherr quick coupling system will allow maximum machine utilisation of the LH 110 M Port and thus greater handling capacity at our harbour in Villefranche-sur-Saône."

Ceremonial handover of the keys

The official handover of the LH 110 M Port took place at the harbour in Villefranche-sur-Saône at the end of 2020. During the ceremony, Martin Schickel (managing director of Liebherr-France SAS) and Franck Lafabrie (managing director of Tecmat Service) presented a symbolic key to the new Liebherr material handling machine to the harbour manager, Florent Dupré.

Pictures



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The Liebherr LH 110 M Port Litronic material handling machine in its first operation at the harbour of Villefranche-sur-Saône, near Lyon.



liebherr-material-handling-machine-lh110-m-port-litronic-2.jpg

Ceremonial handover of the keys. From left to right: Martin Schickel (managing director of Liebherr-France SAS), Franck Lafabrie (managing director of Tecmat Service), Florent Dupré (manager of the harbour of Villefranche-sur-Saône) and Jean-Baptiste Maisonneuve (President of CCI Beaujolais).

Contact person

Nadine Willburger

Marketing

Tel.: +49 7354 / 80 - 7332

e-mail: nadine.willburger@liebherr.com

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www.liebherr.com