

Press release

## Low consumption and high comfort

- Liebherr Port Equipment impresses Salerno Container Terminal SPA (SCT) with high quality and efficiency
- SCT has savings in diesel consumption of up to 40% compared to similar equipment from other manufacturers in the reachstacker market
- Reachstacker drivers of Salerno Container Terminal especially appreciate the high comfort and the safety of the LRS 545

**Salerno Container Terminal SPA, one of the leading Italian terminal operators, relies on Liebherr Port Equipment. SCT operates 10 Liebherr machines, including six Liebherr reachstackers. In addition to the high Liebherr quality, the LRS 545 impressed above all with its low diesel consumption and very good driving characteristics. SCT's reachstacker drivers underline the comfort in the cab and the good view of the load and surroundings.**

Rostock (Germany) August 2020 - The port of Salerno in southern Italy has been an important trading centre since ancient times. Salerno Container Terminal SPA has been active in the Port of Salerno since 1977 and is today one of the leading terminal operators in Italy. SCT relies on Liebherr Port Equipment for the efficient handling of its customers. In 2018, Liebherr ordered two LHM 600 high rise and shortly afterwards one LHM 800 high rise into the Gulf of Salerno. Another LHM 800 high rise has recently been in operation. To ensure smooth container transport, SCT also relies on six Liebherr LRS 545 reachstackers, which have also been in operation since 2018.

After a test phase, the reachstackers convinced those in charge not only with their overall quality but also with their low diesel consumption and high driving comfort. *"Liebherr is a very good partner and after testing the machines we came to the conclusion that they are really good. We chose Liebherr because Liebherr guarantees a high quality of the machine, and we are very happy about that,"* says Gianni Di Stasi, Vessel and Yard Manager at SCT. He also describes the concrete savings potential that has resulted from operating the Liebherr reachstackers. *"After one week of testing we had around 40% saving in diesel consumption."*

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## Hydrostatic drive makes the difference

Thanks to its innovative hydrostatic drive system and the resulting smaller engine size, the Liebherr reachstacker offers enormous potential for fuel saving. The hydrostatic drive also eliminates the need for heavy and maintenance-intensive components such as torque converters, drive axle, transmission and differential. A further advantage is the hybrid character of the hydrostatic concept compared to the mechanical drive type, which is common and at the same time outdated on the market for reachstackers. The drive installed in the Liebherr reachstacker recovers the braking energy and uses it for hydraulic braking, while mechanical drives leave the applied power mostly unused. In addition, mechanical drives of competing devices have increased wear and torque loss.

## Ride comfort and safety

In addition to low diesel consumption, the hydrostatic drive also has a major influence on the general driving comfort of the Liebherr reachstacker LRS 545. The machine's drive train reacts quickly to the driver without any power loss, thus ensuring very agile handling. The individually driven wheel sets ensure excellent manoeuvrability and a reduced turning radius. Properties that are gaining enormously in importance, especially on narrow terminals.

In addition, the cab of the LRS 545 is oil-bearing, which means that vibrations and shocks can be absorbed very well. This ensures a lower noise level inside the cab and prevents driver fatigue. In addition to the very well balanced ergonomics inside the cab, the LRS 545's main advantage is the good view to the outside. *"The cab - I find it very comfortable thanks to the air conditioning and thanks to the rear view camera, which guarantees excellent visibility,"* says Danilo Rippla, reachstacker driver at SCT, describing the cab of the LRS 545. *"The visibility is much better than with other reachstackers I drive, and gives us a better overview of the containers and the surroundings, so we can work more safely",* Danilo Rippla adds.

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## About Salerno Container Terminal

The Salerno Container Terminal is an efficient, state-of-the-art maritime gateway connecting the global container shipping networks with the import and export markets of Southern and Central Italy. In 1977, it operated the first container ship in the port of Salerno and is today one of the leading Italian port facilities. SCT serves over 40% of the local consumers and a large number of the Italian export industry, which is located in southern Italy as far as the Rome area. Container Terminal Salerno is a private, independent company and can therefore guarantee all shipping companies and customers top performance, neutrality and confidentiality with free access to regional markets.

## About Liebherr-MCCtec Rostock GmbH

Liebherr-MCCtec Rostock GmbH is one of the leading European manufacturers of maritime material handling solutions. The product range includes ship, mobile harbour and offshore cranes. Reachstackers and components for container cranes are also part of the product portfolio.

## About the Liebherr Group

The Liebherr Group comprises more than 140 companies on all continents and employs over 48,000 people. In 2019 Liebherr achieved a consolidated total turnover of around 11.7 billion euros. As a global, family-run technology company, Liebherr is not only one of the largest construction machinery manufacturers in the world, but is also recognised in many other industries as a provider of technically sophisticated products and services with a focus on customer benefit. Liebherr was founded in Kirchdorf an der Iller in southern Germany in 1949.

## Video

For the complete interview with the responsible persons at SCT watch the following YouTube video: [https://www.youtube.com/watch?v=hG\\_v5I0vM3Q](https://www.youtube.com/watch?v=hG_v5I0vM3Q)

## Pictures



liebherr-reachstacker-lrs-545-salerno-container-terminal-1.jpg

Liebherr Port Equipment impresses Salerno Container Terminal (SCT) with high quality and efficiency



liebherr-reachstacker-lrs-545-salerno-container-terminal-2.jpg

SCT has savings in diesel consumption of up to 40% compared to similar equipment from other manufacturers in the reachstacker market



liebherr-reachstacker-lrs-545-salerno-container-terminal-3.jpg

Reachstacker driver Danilo Ripa especially appreciates the comfort and safety of the LRS 545.

**Contact person**

Philipp Helberg

Phone: + 49 381 6006 5024

E-mail: [Philipp.Helberg@liebherr.com](mailto:Philipp.Helberg@liebherr.com)

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