

Press release

Transforming the timeless: HS 873 HD

Liebherr in Hong Kong is overhauling Liebherr duty cycle cranes for China Geo-Engineering Corporation. One 23-year-old machine has been transformed back to its former glory and had an upgrade in the process. Liebherr Transform, the upgrade, modification and overhaul service, has a tailor-made solution for all customer needs and is available for crawler cranes (up to 400 t), deep foundation equipment, and duty cycle crawler cranes.

Nenzing (Austria), 19 April 2024 – Liebherr Transform provides bespoke solutions in response to the continuously growing demands on today's businesses. A range of ingenious upgrades, clever retrofits, machine overhauls and service modifications breathe new life into customers' existing machines. Using the latest technology and years of experience, Liebherr brings you a combination of sustainability, smart technologies, maximum productivity and cost-effectiveness in one complete solution. This allows existing equipment to reach its full potential.

China Geo-Engineering Corporation in Hong Kong have taken advantage of the Liebherr Transform service and ordered a complete overhaul of their 23-year-old Liebherr duty cycle crawler crane, type HS 873 HD. This is just one in a series of their fleet of duty cycle crawler cranes to be overhauled at Liebherr in Hong Kong – all of which are over 20 years old.

Even after 23 years' service the HS 873 HD was nevertheless found to be structurally very good and so the customer decided to incorporate an upgrade in the process. "We only needed modest investments for an overhaul to get the machine working again. Consequently, we decided to upgrade its engine, from 480 kW to 605 kW and installed a second slewing gear," explains German Leung, General Manager (Foundations Department), China Geo-Engineering Corporation. With this increase in engine power, the strength and versatility of the HS 873 HD was greatly enhanced, and it is so prepared for the construction sites of today. "Basically, all our machines – HS 873 HD, HS 883 HD and HS 853 HD are being sent to Liebherr one by one for overhaul so they will function like new."

Liebherr quality from one source

"About six years ago, I received information from colleagues at Liebherr Hong Kong that they can take our crane directly to their factory. We highly appreciated this arrangement from Liebherr." The incorporated repair and maintenance workshop at Liebherr (HKG) Limited added to the convenience of the project as all work could be carried out in one location. All processes relating to the dismantling, reconditioning and assembly of the machine were carried out by Liebherr's own staff on site. Indeed the Liebherr team of experts takes care of the entire planning and implementation of Transform projects – from consultation, through to installation and technical support and service.

Companies are under pressure to increase volume and performance, widen scopes, or reduce emissions and costs, the list is endless. Liebherr Transform helps to lighten the load through a comprehensive range of structural, electrical, mechanical, ergonomic or digital modifications. With innovative technologies and expertise, Liebherr machines are transformed for the workplace of the future and are made stronger, faster, smarter, greener, and ultimately...better. "This machine is completely overhauled and functions as new. So we are very satisfied with the overhaul programme Liebherr Transform."

Link to film : [Transforming the timeless - HS 873 | Liebherr Transform \(youtube.com\)](#)

Link to homepage: [Liebherr Transform](#)

About the Liebherr Group – 75 years of moving forward

The Liebherr Group is a family-run technology company with a highly diversified product programme. The company is one of the largest construction equipment manufacturers in the world. It also provides high-quality, user-oriented products and services in a wide range of other areas. The Liebherr Group includes over 150 companies across all continents. In 2023, it employed more than 50,000 staff and achieved combined revenues of over 14 billion euros. Liebherr was founded by Hans Liebherr in 1949 in the southern German town of Kirchdorf an der Iller. Since then, the employees have been pursuing the goal of achieving continuous technological innovation, and bringing industry-leading solutions to its customers. Under the slogan '75 years of moving forward', the Group celebrates its 75th anniversary in 2024.

Images



LHK_HS873_Transform_before.png

HS 873 HD ready for the transformation in the workshop at Liebherr in Hong Kong.



LHK_HS873_Transform_workshop.png
Transforming the HS 873 HD back to its former glory.



LHK_HS873_Transform_after.png
German Leung of China Geo-Engineering Corporation on site with the transformed HS 873 HD.

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