

Customer Story

HEIDELBERGER KALKSANDSTEIN GMBH



Konecranes Liftrucks has designed two heavy-duty lift trucks with stone stack gripper for Heidelberg Kalksandstein GmbH in Durmersheim, close to Karlsruhe in Germany.

Profile of Heidelberg Kalksandstein

Heidelberg Kalksandstein GmbH, with headquarters in Durmersheim, Baden Württemberg, specializes in the production, support, and distribution of the popular construction material sandlime brick. The company has 200 employees and seven plants in Germany, as well as one in Switzerland.

Starting point

The conditions in the plant in Kronau are rough. Finished stone packages must be transported within the plant. This requires robust and sensitive heavy-duty lift trucks.

Requirements

The heavy-duty lift trucks of Heidelberg Kalksandstein must be able to stand the tough conditions of stone production and provide gentle help to make sure the stone packages travel safely from production to the warehouse and to the truck. The driver's work should also be safe and comfortable.

Concept

Konecranes Liftrucks designs for Heidelberg Kalksandstein heavy-duty lift trucks with stone stack grippers made by SH Anbaugeräte. These special tools hold stone packages in a secure grip and are large enough to grab several pallets at the same time. The special lift trucks are also equipped with an electronic control system and the Optima cabin of Konecranes Liftrucks. The latter offers drivers high levels of comfort and an excellent overview thanks to the strutless windscreen.

Solution

The heavy-duty lift trucks SMV 12-1200 C are the first of the C series to be fitted with a stone stack gripper. They have a lifting height of more than 6.5 meters and a bearing capacity of up to 8 tonnes. The very wide gripper can pick up to five pallets with sand-lime bricks. An electronic control system keeps the driver informed about the hydraulically applied clamp pressure. Furthermore, the special lift trucks are restricted to a maximum of 12 kilometers per hour for safety reasons.

Customer benefits

Thanks to the specially developed stone stack grippers and safety functions, these robust heavy-duty lift trucks transport the sand-lime bricks safely and load them with great precision. In the noise- and vibration damped Optima cabin with



air conditioning, DAB radio, and 7-inch touch monitor, the drivers have perfect overview of their machine and control it via joystick.

And what does Heidelberg Kalksandstein have to say?

“Conditions in the production of sand-lime bricks are tough, there are heavy loads to be transported and there is a lot of dust. There are also a lot of vehicles and workers moving around in the plant. The heavy-duty lift trucks that Konecranes Liftrucks has made for us can handle the rough environment and take the stone packages gently and safely to their destination.”

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Konecranes – Lifting Businesses[™]

Konecranes is one of the world's leading manufacturers of crane and lifting technology. In the business departments Service and Equipment, we develop solutions which lift loads and increase the productivity of our customers. We develop and produce crane systems and offer services for crane and machine tools of all makes.

Konecranes, headquartered in Finland, has about 16,200 employees worldwide at 600 locations in 50 countries. We combine global experience with local knowledge. Our customers include the production and process industry, shipyards, as well as ports and cargo terminals. They all profit from our motto: “Lifting Businesses!”

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