

HEIDELBERGER KALKSANDSTEIN
GMBH, GERMANY

Safe and precise handling of stone packages

**"Konecranes lift trucks face
tough site conditions but
handle gently and safely our
stone packages"**

Wolfram Skokan,
Plant Manager



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

The Site conditions and needs

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.

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.

Konecranes Solution

Konecranes Lift Trucks 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 palettes at the same time. The special lift trucks are also equipped with an electronic control system and the Optima cabin of Konecranes Lift Trucks. The latter offers drivers high levels of comfort and an excellent overview thanks to the strutless windscreen.

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 palettes 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.



Heidelberg Kalksandstein GmbH

H+H Group - Malscher Str. 17
76448 Durmersheim, Germany
Tel +49 7245 806-0

www.heidelberg-kalksandstein.de



One of the two SMV 12-1200 C operating at Heidelberg site, handling their special stone packages made by sand-lime bricks.

Customer

- Heidelberg Kalksandstein GmbH, Germany

Industry


- The Company is specialized in production, support and distribution of Sandlime brick construction material

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.

Customer Feedback

- "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 Lift Trucks has made for us can handle the rough environment and take the stone packages gently and safely to their destination." Mr. Wolfram Skokan, Plant Manager at Heidelberg Kalksandstein GmbH

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