

Press Release

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Cage lifting hook for reinforcement cages to improve safety on construction sites

- Innovative solution for safe lifting and lowering reinforcement cages with a load capacity of up to 8 tons
- Reinforcement cage releases automatically after lowering, without dangerous intervention
- Standard version includes two hooks, adaptable for heavier reinforcement cages

Munich, Germany – Equipment for special foundation engineering has to perform reliably throughout its entire life cycle. Apart from a constant supply of spart parts, it is particularly important that the machinery is regularly maintained and serviced. The Parts & Service specialists at BAUER Maschinen GmbH understand the significance of these factors. At bauma 2025 in Munich, they showcased, among other innovations, an impressive new solution for enhancing safety on construction sites: the lifting hook for reinforcement cages including chain sling.

Safe lifting and lowering reinforcement cages

The new cage lifting hook has a maximum hook load of 8 t and facilitates the easy, safe handling of reinforcement cages. The hook allows for the effortless pickup of the reinforcement cage by the steel hoop. A special lug serves as a lifting aid. The reinforcement cage is securely fixed in place on the hook by inserting a screw. Once the cage is lowered in the intended borehole, the screws can be removed from the hook conveniently and without the danger of reaching in. After lowering the reinforcement cage, the hooks release automatically due to the dead weight and swing into the center. This prevents employees from having to perform work near suspended loads – a huge bonus in terms of safety. Two hooks are used in the standard version, but the number of hooks can be adjusted for heavier reinforcement cages.

Toolbox for indispensable assistance

A real must-have on drilling sites is the toolbox from Parts & Service. The tools included in this kit greatly simplify installation and dismantling as well as the cleaning of drilling tools. The toolbox contains a speed pinner as well as a special ergonomically flexible extractor for inserting and removing hollow spring pins, along with an extraction fork for easy dismantling of round shank chisels and an expulsion mandrel for removing round shank chisels with a broken head. An alloy hammer was included as a universal tool for safe installation of wear parts. It can be used to insert round shank chisels without damaging the hard metal tips. A roofing hammer is also included for changing drilling tools. Cleaning tools, a depth sounder or round steel setting-out pegs to measure out the borehole center complete the kit.



Images of the exhibits (© BAUER Group) can be found in our picture gallery at <https://bauer.canto.de/v/bauma/>

About BAUER Maschinen Group

For almost 60 years, equipment from Bauer has represented the highest performance and quality and constant innovation. The BAUER Maschinen Group is the world market leader in the development and manufacture of specialist foundation engineering equipment. BAUER Maschinen GmbH, which is also the holding company for a number of subsidiaries, designs and builds large-diameter drilling rigs, duty-cycle cranes, trench cutters, grabs and vibrators as well as the related tooling at its plants in Schrobenhausen, Aresing and Edelshausen. The subsidiaries manufacture state-of-the-art mixing and separation equipment as well as rotary drive systems and equipment for drilling small-diameter boreholes and wells. The BAUER Maschinen Group also operates manufacturing facilities in the USA, China, Malaysia, Italy, Singapore and Turkey. A component supplier within the Group is Schachtbau Nordhausen. The company operates a global sales and service network. More at <https://equipment.bauer.de/en>.

About Bauer

The BAUER Group is a leading provider of services, equipment and products dealing with ground and groundwater. The Group can rely on a worldwide network on all continents. The Group's operations are divided into three forward-looking segments with high synergy potential: Geotechnical Solutions, Equipment and Resources. Bauer profits enormously from the collaboration of its three business segments, enabling the Group to position itself as an innovative, highly specialized provider of products and services for demanding projects in specialist foundation engineering and related markets. Bauer therefore offers suitable solutions to the world's greatest challenges, such as urbanization, the growing infrastructure needs, the environment, as well as water. The BAUER Group was founded in 1790 and is based in Schrobenhausen, Bavaria. In 2023, it employed about 12,000 people and achieved total Group revenues of EUR 1.8 billion worldwide. More information can be found at <https://www.bauer.de/en>. Follow us on [Facebook](#), [LinkedIn](#), [Instagram](#) and [YouTube](#)!