

Press Release

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BCS 185 power pack: Bauer presents new cutter system with innovative drive concept at bauma

- **Innovative:** BCS 185 power pack with flexible, modular drive concept
- **Sustainable:** Electric power pack enables locally emission-free work
- **Flexible:** Power pack can be positioned variably depending on the site requirements
- **Quiet:** Diesel model with Silent Kit, low-noise electric drive

Munich, Germany – Alternative drive concepts and sustainable construction were two of the five core themes at this year's bauma in Munich. BAUER Maschinen GmbH demonstrated that this is already a reality in the field of special foundation engineering with an impressive exhibit that is raising work on cutter sites to a whole new level of sustainability: the BCS 185 power pack cutter system.

The challenge of urban cutter sites

Diaphragm wall equipment is frequently used on large urban projects such as subway stations. Since these construction sites are located in densely populated areas and often last for several years, negative impacts such as traffic restrictions, noise, dust, and exhaust emissions are a significant factor. Increasingly strict regulations demand resource-efficient work, reduced local CO₂ emissions, and minimized noise pollution. Additionally, tight spatial conditions pose significant challenges for both people and machinery.

Modular drive for maximum flexibility

The BCS 185 power pack is based on the proven single-purpose cutter system BCS 185 and is characterized by its modular drive concept. Instead of a permanently integrated engine, the system relies on a flexible drive power pack. This innovation offers two key advantages. First, freedom of choice: operators can choose between an electric motor or a diesel unit. This means that the cutter system can be operated electrically with no local emissions or conventionally with diesel. Second, the variable positioning of the power pack: depending on the site conditions, the power pack can be positioned on the side, rear or even apart from the machine to minimize the required space. Another focus was on minimizing noise pollution. The diesel HD 1400 can be equipped with a Silent Kit, while the HE 1400 electric power pack is particularly quiet thanks to its low-noise electric motor.

A step towards an emissions-free construction site

With the BCS 185 power pack, Bauer offers a flexible and sustainable solution for diaphragm wall construction. This innovation makes it possible to adapt the equipment optimally to the specific project requirements and represents an important step towards an emissions-free construction site.

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 Schrobhausen, 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 Schrobhausen, 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](#)!