

Specialist Press Release

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BAUER BCS 185: The new compact cutter system for confined construction sites

Schrobenhausen, Germany – Bauer brought its first cutter to the market almost 40 years ago, thereby starting a success story that has now introduced a new chapter: In April, the company presented its new BCS 185 cutter system, which has really struck a chord with customers. “Our multi-functional MC duty-cycle cranes are used for a wide range of applications, first off as base carriers for our cutters and grabs, but also for lifting work or dynamic soil compaction,” explains Leonhard Weixler, Head of the Diaphragm Wall Division at Bauer Maschinen. “For anyone who doesn’t require this multi-functionality but needs equipment that is specially optimized for trench cutting, we have extended our BCS cutter portfolio with the newly developed BCS 185. And the feedback from our customers is excellent.” This latest model of BAUER Cutter Systems (BCS) can cut trenches up to a depth of 90 m. In addition, the special design of our BCS systems combines proven technology with a vast variety of other useful features as well as the necessary modularity for today’s ever stricter transport requirements.

Solid base

The base carrier is a Bauer MT 185. The solid design offers high stability and comprehensive HSE features, including a rear view camera, integrated service platforms and ergonomic, highly comfortable cab layout. Operators used to our Bauer MC models are sure to feel at home quickly, since the inner workings of the cab are identical to the Bauer duty-cycle cranes. A variety of electronic assistance systems (integrated into the latest version of the BAUER B-Tronic system) supports the operator effectively and increase productivity at the same time. The MT 185 is equipped with a fuel-efficient, powerful Volvo engine, which complies to all different emissions standards worldwide.

Continuously adjustable cutter position

The BCS 185 is of course also available with the Bauer Turning Device, which allows this cutter to work in extremely confined construction sites and will still be able to ‘cut the corners’. “This is making the difference in today’s cutter operations,” remarks Leonhard Weixler. It allows the cutter to be twisted within a range of -50 to +95 degrees from its normal position to reach every corner in the excavation pit without a problem. Together with the overall compact dimensions of the BCS 185, the range of efficient cutter applications under restricted space conditions is further enhanced.

Streamlined special equipment for mid-sized applications

Attentive observers will also notice the arrangement of the hose drums in the boom, thanks to which the cutter system delivers a highly streamlined impression overall. The 30 t winch was specifically designed for use in the mid-sized range. With the maximum hook load of 43 t, the BCS 185 can be equipped with a wide range of Bauer cutters allowing trench widths of up to

1,500 mm. This makes the system as a whole even more attractive: The Bauer cutter system is not subject to crane permit regulations, hence any requirements for the operators are eliminated.

First operations in China and Europe

Just on display at Bauer's In-House Exhibition in Schrobenhausen as well as in a product launch event in Tianjin in China, the new cutter system already started its operation in the South of China. It had been shipped to the construction site beginning of June and was assembled in a record time of only 22 hours. The first unit in Europe will soon travel to the French city of Toulouse. This BCS 185 will be used on a cutter project together with other Bauer cutters. "The BCS series, our MC-based cutter systems as well as our world novelty, the BAUER Cube System complement one another fantastically," Leonhard Weixler remarks confidently. "And with that, Bauer once again demonstrates why we are the leading manufacturer of the worldwide most productive cutter systems!"

Photos: 2023-06-bauer-maschinen-bcs-185-cutter-system...



(1) In April, Bauer presented the new BCS 185 cutter system to a specialist audience. One of the highlights is the turnable HDS 90-T hose drum system.



(2) First use of the BCS 185 in the South of China

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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 bma.bauer.de

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: Construction, 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 2022, it employed about 12,000 people and achieved total Group revenues of EUR 1.7 billion worldwide. BAUER Aktiengesellschaft is listed in the Prime Standard of the German Stock Exchange. More information can be found at www.bauer.de. Follow us on [Facebook](#), [LinkedIn](#) and [YouTube](#)!