

PROFESSIONAL DEMOLITION AMERICA



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SHOW ISSUE

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KEMROC at Bauma 2025 in Munich

25 YEARS GERMAN ROCK

KEMROC will be in Munich for this year's bauma 2025 with exclusive and innovative solutions for rock cutting and soil stabilisation. At its booth, located under a distinctive orange balloon, the manufacturer will be showing a large sample from its current product range in this, their anniversary year. The products on offer from the Kemsolid division has just been supplemented by another powerful excavator attachment for soil consolidation.

Innovative German engineered machines for demolition, construction and foundation engineering are KEMROC's core competencies – and have been for 25 years. KEMROC, the manufacturer of hydraulic milling attachments for excavators is celebrating its anniversary in front of an international audience with the slogan "25 Years German Rock Cutting Solutions". At bauma 2025 in Munich, the company will be exhibiting at booth FN.1017/8 in outdoor area north. Hovering over the booth and visible from afar, their familiar large orange balloon with KEMROC logo will help visitors find their way to the booth.

Experience Machines Live

Under the balloon, an informative demonstration will be taking place, accompanied by the well-known TV

presenter Jan Kunath. The main action will be on the left hand side of the exhibition stand. Here, a crawler excavator alternates between a chain cutter attachment, a bullhead milling attachment and a diamond saw attachment from the current KEMROC range designed for demolition and construction applications.

The patented chain cutter attachment continues to be one of the manufacturers speciality products: a cutter chain with carbide tipped teeth runs between two cutter drums. This allows the attachment to excavate trenches in soil and rock to exactly the required width without leaving a ridge in the space between the two cutter drums as is the case with conventional milling attachments – which the excavator operator must remove with sideways movements. The EKT range of drum cutter attachments also have a special feature: they can be retrofitted with a cutter chain if required. The KRC range of bullhead milling attachments, with their cutter drums heads arranged at angles to each other, produce an almost complete milling pattern when penetrating rock and soil without being fitted with a central cutter chain. A model from the KDS range will also be shown working on the crawler excavator. These diamond saw attachments can cut through rock, concrete, plastic, wood, and aluminium. When used in conjunction with rotation modules from the KRM range, which will also be on demonstration, KEMROC milling attachment can always be correctly aligned for the application at hand.

Focus on Milling Technology

At the centre of their booth, KEMROC will be

exhibiting other models from their current product range, but here they will be static exhibits and not in motion. The attachments can be viewed, tested and compared at close range. In addition to models from the KRC and KDS range, there will also be an attachment from the DMW range of cutter wheels. These attachments fitted with double motors can cut hard rock and reinforced concrete with high production rates. Also on display will be examples from the KR range of robustly built rotary drum cutters with helical gears. They are designed for use on short boom excavators working in confined spaces – especially in tunnelling – as well as for low-vibration and low-noise demolition of reinforced concrete structures.

At Bauma 2025, KEMROC will also be presenting itself as an innovative manufacturer of hydraulic motors. The motors are designed and manufactured in-house. They are designed specifically for use on KEMROC attachments and their special requirements. Compared to motors from other manufacturers, they have a higher flow rate, are more compact in design and generate higher torque.

Solid Foundations

The right-hand side of the KEMROC booth will contain exhibits from the Kemsolid division with attachments dedicated to foundation engineering. This includes exhibits of the KPX range of power tool drives. With attachments for milling, drilling and mixing, the tools cover a wide range of foundation engineering applications. The core element of the offering from Kemsolid is the KSI process for soil stabilisation (KSI – Kemsolid Soil Injection). By this technology, a standard excavator uses a mixing attachment capable of milling, mixing and injecting (TSM Trench-Soil-Mixing technology) to descend into the soil with a cutter chain while mixing the soil with an injected binder suspension. After hardening, the soil is transformed into a homogeneous, dense, stable, load-bearing earth-based concrete structure. KSI mixing attachments are used for soil waterproofing and soil stabilisation applications as can be required in road building projects. On display for the first time at bauma 2025, the KSI 16000 Twin is a soil mixing attachment with a double blade and a modular mixing depth of up to 26 ft. This is particularly suitable for soil consolidation in the construction of new or upgrading existing high-speed railway lines.

www.kemroc.com

The latest milling technology will be demonstrated at Kemroc's Bauma booth FN.1017/8 in the North open-air area. Image: KEMROC



CK CUTTING SOLUTIONS

