



Compact and efficient – RecyclingAKTIV & TiefbauLIVE to present solutions for gardening and landscaping

Karlsruhe, 08.03.2023 – The RecyclingAKTIV & TiefbauLIVE trade fair (RATL) from 27 to 29 April 2023 will see around 230 producers and dealers provide a concentrated and practical overview of the latest construction machinery, equipment and systems. The new innovations will be showcased in realistic, action-packed shows in the demonstration building sites for e-mobility in compact construction, gardening and landscaping or civil engineering and road construction, as well as at the companies' own stands. The products on show will include innovations for screening, separating and processing organic materials. Visitors can also expect a broad range of machinery featuring alternative drive technology. These are particularly beneficial in urban construction sites that are subject to strict emission and noise pollution rules. The trade fair will therefore provide gardening and landscaping businesses with the tools and inspiration they need to boost efficiency.

Electrically powered dumpers and mini-excavators

Sany will present the electrically driven SY19E mini-excavator, which boasts a powerful battery and efficient high-voltage technology. It is particularly well suited to operations in buildings or residential areas subject to emissions and noise limitations. The electric motor generates 15 kW of power and ensures fast and highly flexible work processes together with the load-sensing hydraulic system. The electric drive reduces energy costs by around 30 per cent compared to excavators powered by combustion engines.

JCB will present the 1TE, the company's first electric one-tonne wheeled dumper with lithium-ion battery. Designed for use inside buildings, underground and in emission-regulated environments, the electric dumper complements the 19C-1E electric mini-excavator that JCB will also present at the trade fair. The 1TE features a steel skip and an articulated chassis. Its pair of 5 kWh lithium-ion batteries provide enough power for a full shift in normal working conditions and can be charged via the conventional grid on site.

Following its debut at bauma in 2022, **Hydrema** will present the DT6 electric dumper at RATL. It boasts excellent off-road capability, a compact design, articulated steering, low ground pressure and MultiTip control for the rotating skip. The DT6 has a fully redesigned electric 96 V platform to meet the performance requirements for machines of this size. The fully electric Zf-e-trac drive train keeps the noise level to a minimum. The 90 V lithium-ion battery allows the dumper to work for up to eight hours and be recharged during breaks.

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The right equipment for small and compact construction sites

The GYRUstar bucket screener from **NB Baumaschinen** can act as both an excavator and wheeled loader. With its highly wear-resistant polyurethane shafts, it can screen particles measuring 10, 15 and 20 mm in diameter. In gardening and landscaping, it is mainly used for removing turf and screening topsoil, compost and sand. The company will also showcase a mobile concrete mixer that can produce fresh concrete at the press of a button within 30 seconds. NB therefore covers the entire recycling process, from screening to finished concrete.

Hunklinger will present a new laying clamp specially designed for use on mini-excavators from a weight of around three tonnes. The HP30 can provide much more power for shifting rectangular stones. It is the answer to new requirements and is ideal for moving large stones and panels. The HP30 is equipped with an efficient and proven fully hydraulic automatic control, a 360° rotary motor and twist system as standard. The new kerbstone feet help place the laying clamp on narrow contact edges such as deep kerbstones on parking spaces or paths.

Paus will also showcase its latest innovation at the double trade fair for the first time since bauma. Based in Emsbüren in northern Germany, the manufacturer will present the AKR 9095 swivel-skip dumper. It features a large skip volume and a high dumping width, coupled with easy steering, drive and braking. Weighing in at 9.5 tonnes, the dumper meets market needs for manoeuvrability, particularly in urban construction and areas where space is at a premium. The transverse mounting of the motor improves the dumper's centre of gravity and grants easier access for maintenance.

Mini and compact construction vehicles are perfect for simple earthmoving work in gardening and landscaping. **MOBA** has developed the Xsite® EASY machine controller, so that operators in these projects can also enjoy the full benefits of excavator control, such as the lack of control measurements and the reduction in surveys. This modern display and control unit is based on app programming, and features a clear interface that shows all the necessary information. It can also display optical signals that are much easier for the operator to process than numerical displays while they concentrate on controlling the bucket.

MTS will showcase its DINO12 Next Generation suction excavator, which offers a range of new, user-friendly features. These include the tipping system for emptying the material into dumpers and the latest generation of the quadruple-jointed MTS EVO power arm. Thanks to its Tridem chassis with steered tag axle, the DINO12 offers incredible manoeuvrability, which is particularly useful on compact construction

sites. Furthermore, using a suction excavator can prevent damage when excavating roots, cables and wires.