



RecyclingAKTIV & TiefbauLIVE to showcase solutions for recycling old wood and mineral construction waste

Karlsruhe, 08.03.2023 – Preserving resources is vital to society and the environment. The RecyclingAKTIV & TiefbauLIVE trade fair (RATL) from 27 to 29 April 2023 in Karlsruhe will address this issue. Just before new legislation on substitute building materials is due to come into force in Germany, the trade fair will focus on the controlled demolition and selective deconstruction of buildings. It will also look at the path from construction waste to tested, certified and quality-assured materials, and provide inspiration for businesses. Exhibitors at RATL will showcase economical material processing solutions for industry, the construction and recycling sector, and gardening and landscaping. Applications include crushing and screening old wood and cuttings, recycling scrap, metal and commercial waste, processing topsoil in construction and shredding old tyres.

Broad range of products for wood and biomass processing

The Crambo series of low-speed, dual-shaft shredders from **Komptech** has just welcomed a new addition. The e-mobile series adds new, semi-mobile electrical versions that feature a zero-maintenance electric motor in place of the diesel one. The design combines the compactness and flexibility of a mobile machine with the energy efficiency of a stationary system. Visitors will be able to experience the shredders live at the special theme area wood & biomass.

The models in **Lindner's** Urraco 4000 series belong to the company's latest generation of shredders and will be on show at the special theme area wood & biomass. These offer excellent mobility, good access to the maintenance points and drive area, short downtimes, improved productivity and a consistently high output. The proven dual-shaft system also shreds bulky and large-volume materials, with the extended working space enabling easy feeding from a wheeled loader.

Eggersmann will present the TEUTON Z 50 single-shaft shredder and a STAR SELECT S 60 star screen. The TEUTON Z 50 features exchangeable shredding tools that can be switched quickly depending on the application. Another of the machine's highlights are the large and wide conveyor belts that enable a smooth material discharge free of blockages. The STAR SELECT S 60 is a mobile star screen that is suitable for screening biomass, compost, old wood and wood chips. It boasts a maximum throughput of 300 m³/h for three fractions.

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The right product for every material flow

Designed as a multitool, the METHOR from **Doppstadt** offers excellent flexibility for a wide range of tasks and materials. Thanks to its modular design, the single-shaft shredder can be adapted easily to different needs. The shaft's special bearing allows the entire shredding unit to be exchanged on site within 45 minutes. The machine can be fitted with various tools for shredding, crushing or cutting, to name just a few tasks. It is resistant to contaminants and processes standard fractions like commercial waste, mixed construction waste, rubble, organic waste or old wood.

TTS Trump will present the GT150 from J.D. Austria GmbH. This is the reaction to new waste legislation and uses water to separate mixed waste flows into buoyant and non-buoyant material. An upstream screener passes on the construction material to be separated. The separated materials are discharged via the machine's rear and side belts for the light and heavy fractions respectively. As the GT150 requires little water for the separation process, the separated materials can be used again quickly.

The TITAN 900 d-pu from **ARJES** comes with a powerful 405-kilowatt diesel motor and can also be operated with a pair of 160-kilowatt electric motors if required. What makes this stationary shredder so special is the separation of the shredding and drive units. This lets the user power the shredder either electrically or with diesel, depending on requirements. In addition, the shaft quick-change system makes fitting and removing the shaft pairs quick and easy, making maintenance and preparation simple for smooth operation.

After taking a break in 2022, **Schlüter Baumaschinen** will return to RATL this year. The company is Germany's largest authorised dealer of Komatsu and Sennebogen machinery. It will showcase the Sennebogen 830E Vario Tool, an electric material handler with a fully hydraulic and multi-functional quick-change system. It lets users flexibly use and change various attachments like scrap shears, multi-tine grapples or magnets. Also on show will be the WA475-10 from Komatsu. This wheeled loader features a redesigned hydraulic system that enables more lifting power and greater productivity. On top of this, the response times of the hydraulics and the tipping and lifting speed can be adjusted to the needs of the respective application. Visitors will be able to experience other machines from Schlüter live at the special theme area wood & biomass and the demonstration building site for civil engineering and road construction.

BMA will present the battery-powered 409-2 CE material handler together with Italian machinery producer Tabarelli. Driven by a powerful 40-kW motor that feeds two 1240 Ah batteries, this zero-emissions

machine is ideally suited for applications that switch between indoors and outdoors. It is also designed to operate for up to eight hours without charging breaks or a trailing cable. The 409-2CE can be equipped for multi-shift operation using an optional battery pack that can be fitted in a few minutes.

Digital material flow management

N1 Trading and **Mineral Waste** will present two pieces of software that largely digitalise and automate the processing of disposal orders. This simplifies the internal management of material flows, while offering countless interfaces to external suppliers and service providers. In addition, the application helps assess mineral waste, prepare offers and select the best disposal methods. It also ensures that the result complies with the latest regulations and national legislation.