

# CONSTRUCTION europa

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and emissions, as well as a smaller footprint.

In the run-up to Bauma, Atlas Copco will also announce new additions to its WEDA+ range of electric submersible pumps, including new solutions for sludge and slurry applications.

**TSURUMI** will be presenting two new dewatering pumps – the KTZ415 and KTZ615 at Bauma this year.

The KTZ615 is the new top model of the company's KTZ series that was first launched in the 1980s and now comprises 15 models. With its 15kW motor, the KTZ615 can pump up to 2,800 litres/m at discharge heads of almost 40m.

The KTZ415, with the same motor, only pumps 2,000 litres/m but up to a maximum height of 55m.

**XYLEM** said it would be showcasing its toughest dewatering solutions yet at Bauma 2019, and its portfolio of dewatering and flood protection equipment from its Godwin and Flygt brands will be on display.

It will also unveil a next-generation pump from its Godwin S (Smart) Series. The company claimed that Godwin's latest offering delivered greater flexibility.

It said that with improved efficiency, better fuel economy and on-demand access, Xylem's range of smart technologies has "redefined toughness" to deliver smarter solutions for challenging dewatering and transport jobs.

**CONTROLS GROUP**, manufacturer and supplier of materials testing equipment for the construction and civil engineering industries, will be showing its new Automax Pro 3,000kN compression machine.

The company said the machine had a high stiffness certified EN-compliant testing frame, controlled by an automatic power control system for automatic test execution with closed-loop digital feedback.

Also on show, the Automax Multitest is described as a versatile and modular automatic computerised control console for the mechanical strength testing of concrete, cement, steel rebar and other materials. Up to four testing frames can be connected from 15kN to 5,000kN.

The MPx50, the new multipurpose drilling and piling rig from **JUNTAN**, will be launched at Bauma 2019.

This multifunctional piling rig is designed for different work methods including DTH (down the hole), Kelly, CFA (continuous flight auger), displacement, driven cast-in situ, and driven pile work done with a Junttan hydraulic hammer.

The company says its uniquely-designed, purpose-built piling rig undercarriage ensures the upmost stability for the rig.

**BAUER MASCHINEN GROUP** will present three PremiumLine heavy-duty rotary drilling rigs – BG 23 H, BG 33 and BG 45 – which it said would demonstrate the



The Soilmec SM-22 is an evolution of the PSM-1350 and SM-20 models

multifunctional character of this rig series.

The BG 23 H and BG 33 will be shown on the new base carriers BT 65 and BT 85. These base carriers now have an integrated service platform for easy and secure access for maintenance work.

**SOILMEC** will be introducing several innovations and range upgrades for various of its technologies, including large diameter piles, micropiles and hydromills.

With the SR125 High Tech platform, customers can choose a model and then create the rig that best suits their needs. Four different models built on the same base machine are said to satisfy most industry through a plug-and-play system.

The Soilmec SM-22 is an evolution of the PSM-1350 and SM-20 models that have sold more than 300 units worldwide, and are said to have been completely redesigned to ensure high efficiency and productivity levels on site, together with the highest safety standards.

Bauma will also see Soilmec exhibiting the new Tiger SC-135 hydromill. Soilmec said its tried and tested technology had been further refined to offer the most advanced technology available for this type of equipment.

The new series of horizontal HDD (horizontal directional drilling) rigs with a Straight Dynamic design from **TRACTO-TECHNIK** will be presented at the show.

For the latest generation of these Grundodrill HDD rigs, a special new design has been developed. Tracto-Technik said the modular construction concept for



Herrenknecht's E-Power Pipe is a new method of installing small-diameter cable protection pipes

different machine sizes and the premium quality of the machine technology had to be considered.

The company said the result was the Straight Dynamic design, with all components of the Grundodrill HDD rig forming "a striking optical unit with a high recognition value".

Tunnelling specialist **HERRENKNECHT** said it would be using Bauma to show "where the journey of tunnelling can go with high-tech".

Under the theme of the future tunnels, the company will be presenting "visionary urban planning" in Paris, current and future tunnel projects, as well as "ground-breaking" technology innovations.

Herrenknecht's E-Power Pipe is described as a new method of quickly and securely installing small-diameter cable protection pipes underground over distances of more than 1km.

The company said that heart of the system was a fully remote-controlled tunnel boring machine AVNS350XB, which has an excavation diameter of 505mm.

**METALGALANTE** will be presenting the Carmix 45FX, a new machine that the company said extended its range of self-loading concrete mixers, which includes the Carmix 25FX and Carmix ONE.

It described the 45FX as a compact, easy-to-drive and low maintenance off-road machine.

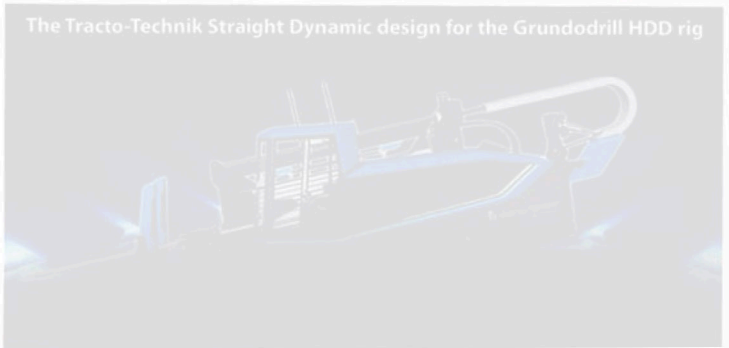
It claims great agility with high productivity, making it suitable for situations requiring power, versatility and precision. At 4.5m high



The Carmix 45FX extends the company's range of self-loading concrete mixers



The new Automax Pro 3,000kN compression machine from Controls Group



The Tracto-Technik Straight Dynamic design for the Grundodrill HDD rig