



Press release

Not to be released until 8 September

**Construction –
Equipment and Plant
Engineering**

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bauma Innovation Award 2022 Fifteen innovations compete for first place

The nominees have been determined. A jury of experts selected the fifteen innovations nominated for the award from 41 finalists out of an original 133 entries.

Frankfurt am Main, 8 September 2022 - Messe München and VDMA, together with the construction trade associations HDB, ZDB and bbs, are awarding the prize for the thirteenth time. The competition was launched last year with the new categories of climate protection and digitalisation, and the categories of mechanical engineering, construction and research are back in the running.

Trade press visitors to the Media Dialogue on 21 and 22 June in Munich will have the opportunity to cast their votes online from 8 to 13 September, which will be included in the overall evaluation. All nominees will be presented on the eve of bauma, on October 23, 2022, in the Max Joseph Hall in the Munich Residence, and the five innovations with the highest number of points will be awarded the prize.

The jury evaluates the entries based on criteria that are significant for the industry and its future. These include how practice-oriented a solution is or what economic potential it offers. Increasing digitalisation plays just as much a role as environmental protection aspects, sustainability, resource efficiency or the humanisation of the workplace.

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**Trade association
Construction – Equipment and Plant
Engineering**
Chairman:
Franz-Josef Paus
Managing Director:
Joachim Schmid

The following entries have been nominated for the bauma Innovation Award 2022:

Category 1 Climate protection

- The Benninghoven REVOC System - Catalyst for asphalt mixing plants, BENNINGHOVEN - Branch of Wirtgen Mineral Technologies GmbH
- Minus CO₂ -building materials - renewable, better, economical, carbonauten GmbH
- Hydrogen-powered excavator, Liebherr France SAS

Category 2 Digitalisation

- Haptic collision avoidance, Bosch Rexroth AG
- One common digital language for construction sites, MiC 4.0 Machines in Construction
- MESH Technology, Mesh AG

Category 3 Mechanical engineering

- Ammann 3D Compactor eAPX 68/95, Ammann Verdichtung GmbH
- Built Robotics Exosystem™, Built Robotics Inc.
- Continuous advance, Herrenknecht AG

Category 4 Building

- Process tracking system b.navigate, BAUER Spezialtiefbau GmbH
- TSB - Transport System Bögl – rethinking local transport, Max Bögl
- CPC – Carbon Pre-stressed Concrete, Holcim (Deutschland) GmbH

Category 5 Research

- ROBETON, Individualized Production, RWTH Aachen University
- Site Execution System, TU Dresden - Institute for Mechatronic Engineering
- Deep Sea Sampling, Freiberg University of Mining and Technology Mechanical Engineering Institute

Press information of the nominees as well as their videos are available via the link www.bauma-innovationspreis.de.

The competition is a joint project under the auspices of the VDMA Construction – Equipment and Plant Engineering, Messe München, the Federation of the German Construction Industry (HDB), the German Construction Confederation (ZDB) and the German Building Materials Association (bbs).

With the Media Dialogue in June, the international trade press had the opportunity to conduct interviews with exhibitors and find out about new products and processes at "table talks" a good four months before the start of the fair.

Important links:

www.vdma.org/bauma

www.vdma.org/baumaschinen-baustoffanlagen

www.bauma.de

www.klimarunde-bau.de

Do you have any questions? Martina Scherbel, Consultant Press and Public Relations, Phone 069 6603 1257, martina.scherbel@vdma.org, will be happy to answer them.

The VDMA represents around 3,500 German and European mechanical and plant engineering companies. The industry stands for innovation, export orientation and medium-sized businesses. The companies employ around four million people in Europe, more than one million of them in Germany alone. Mechanical and plant engineering represents a European turnover volume of around 800 billion euros. In the entire manufacturing sector, it contributes the highest share to the European gross domestic product with a value added of around 270 billion euros.