

HD HYUNDAI DEMONSTRATES CLIMATE SAVING CREDENTIALS

HD Hyundai Construction Equipment is in the running for a place among the top three nominees for Bauma 2025's Innovation Awards, in the Climate Protection category. The company's HW155H hydrogen-powered wheeled excavator concept will be a star of the show in April, as this latest version of this ground-breaking machine moves closer to production reality. The judges have recognised its potential to reduce engine exhaust emissions and deliver a carbon reduction on construction sites.

At the centre of HD Hyundai's Future Builder stand, the hydrogen concept will be just one of the machines and operating solutions that HD Hyundai will present. Hyundai has been exploring a range of zero-emission options for construction and industrial machinery.

HD Hyundai will demonstrate a construction industry world-first range of innovative energy storage and refuelling solutions with on-board hydrogen fuel cells, jointly developed with Hyundai Motor Company. These will make the use of hydrogen an acceptable solution for infrastructure, civil engineering and building projects across the world. The innovative low pressure, high-density, solid-state storage system will double the capacity of a conventional tank, at a considerably lower filling pressure, optimising space within the machine, reducing fill times and improving safety on site.

At Bauma, Hyundai will also be showing a mobile refuelling solution that demonstrates how the fuel - in this case hydrogen - is delivered to the machine without the machine having to leave the construction site for refuelling.

The HW155H concept will provide visitors with an idea of potential future drive solutions. The machine is powered by electricity from onboard hydrogen fuel cells, similar to those used in commercially available passenger vehicles. To meet the needs of construction customers, the machine will deliver an operating speed and power similar to that of a conventional diesel-powered excavator

The construction industry is facing growing pressure to reduce its environmental impact and HD Hyundai Construction Equipment will demonstrate the feasibility and viability of hydrogen use within construction machinery, paving the way to a more sustainable future.

Ends

To find out more about the Hyundai A-Series, visit www.hyundai-ce.eu



HD Hyundai Construction Equipment Europe is a widely recognized leader in the European construction equipment market. Through highly advanced factory automation, a zero-tolerance quality control inspection system and innovative engineering we offer a wide range of construction equipment to satisfy the demands of our customers. We manufacture heavy equipment for our Construction Equipment business unit including hydraulic excavators and wheel loaders. Through our Material Handling business unit, we offer a wide range of forklifts (including LPG, electric and diesel-powered lift trucks) & warehouse equipment to satisfy customers' ever-growing demands. HD Hyundai Construction Equipment Europe markets its products through a qualified network of over 140 dealers in more than 30 countries. For additional information, please visit www.hyundai-ce.eu

Contacts:

Dan Gilkes
Press Office
HD Hyundai Construction Equipment Europe
M (+44) 07802 751473

pressoffice@hyundai.eu
www.hyundai.eu
Hyundailaan 4
B-3980 Tessenderlo