VAN DEN
HEUVEL

FOCUS ON
SUSTAINABILITY

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The development of sustainable construction machines and construction logistics is essential for creating a future-proof construction sector with reduced nitrogen emissions. Increasingly more customers are demanding cleaner machines at their construction sites. How much progress have you made in making your equipment sustainable? As a machine builder we play an active role in the transition to cleaner constructions sites; on the one hand as a knowledge partner and on the other by developing and building machines with less or no emissions. We look forward to providing you with advice about the most optimal solution for your needs.

Make use of our knowledge

Our goal is to share knowledge about sustainability with our customers. We have created a 'Sustainably Building and Renovating Machines' working group for this purpose consisting of employees possessing a great deal of expertise and experience in the field of sustainability. This working group explicitly focuses on developments and regulations relating to the conversion of existing or new machines. We use this knowledge to provide you with advice about the most optimal and sustainable solution, specifically focused on the machine and the work you intend to perform with it.
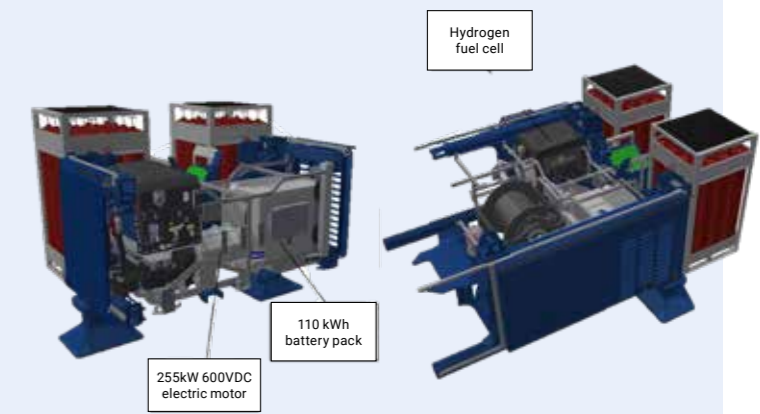
Stage V diesel drive

A suitable technology for every machine

We look forward to working with you to convert your machine to a cleaner version or to develop and produce a clean or cleaner new machine. The technology to be applied depends on your situation:

- Electrification with and without battery
- Electrification with range extender
- Conversion to Stage V diesel drive
- Hydrogen as the energy carrier for electrification
- Bi-fuel with the use of fossil-free fuel and hydrogen

Hydrogen fuel cell

255kW 600VDC electric motor

110 kWh battery pack

Hydrogen

From diesel-driven to emission-free

We draw on our own experience in developing and building sustainable machines. In 2022 we introduced the first electric Sennebogen 653 telescopic crawler crane.

We used a standard diesel version as the basis for building this fully electrically-driven crane. The crane enables you to work 14 hours at a time. Furthermore, the crane reduces CO_2 emissions by 23 tonnes per year.

ZERO EMISSION

Electrification

Financial benefits

Are you considering converting your existing machine to a sustainable version or are you thinking of expanding your machine park? You may very well qualify for a subsidy or other forms of compensation. We are happy to inform you about the available options.

Call or e-mail your contact and we will contact you for a consultative meeting without obligation!

Marc Timmerman   *Mark Nieuwpoort*