

FAUN PRESS INFORMATION

IFAT2022 – Emission free heavy duty transportation with hydrogen drive by ENGINIUS BLUEPOWER

Osterholz-Scharmbeck, 30.05.2022 – With BLUEPOWER the new brand of the FAUN group, ENGINIUS, paves the way into a emission free transportation. The secret: Hydrogen and fuel cells. As a fuel hydrogen has lots of advantages. The CO₂ emissions will be brought to zero with the innovative technology. Especially in crowded city centers where the refuse collection vehicles needs to drive on a slow speed exhaust gases become a problem. Furthermore the refuelling process for hydrogen trucks are fast and the fuel avoids the CO₂-pricing installed by the EU, due to its climate neutrality. ENGINIUS stands up for a noiseless, emission free, clean and sustainable heavy duty transportation. „We have to focus on renewable energies and combine them reasonably in a economic and ecological sense. Only in this way we can implement the mobility of tomorrow for a clean environment. This is why we decided to go for hydrogen and battery electric drives.“, says Burkard Oppmann, CSO. Since 2021, twenty vehicles are in operation in various cities in Germany. In the year 2030 FAUN would like to produce vehicles with alternative drives only.

The BLUEPOWER concept is set up modularly and can adjusted to the customer needs easily depending on the kind of conditions of operation. The basic chassis stays the same but the components can be chosen individually with regards to the route profiles of the customer. One to three fuel cells (à 30 kW) can be equipped and one to four hydrogen tanks (à 4,1 kg). FAUN uses the compact 700 bar tank system because of the already existing infrastructure. In the future adjustments are possible by request. The battery capacity is 85kWh and the range is about 240 km.

Meet us at:

Messe München, open air area, booth 712/5

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