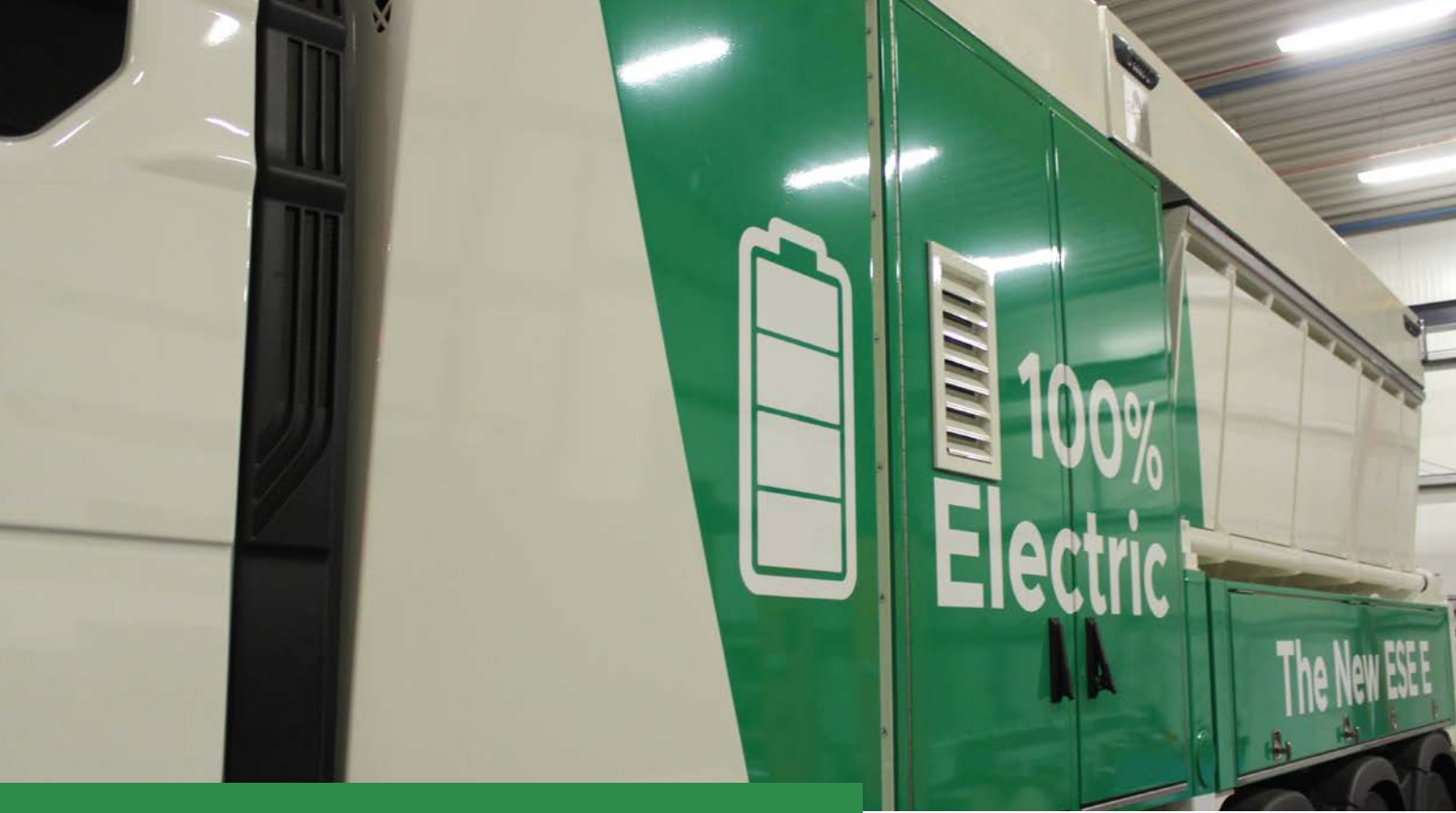




The new ESE E

100 percent electric - 100 percent green





Our new ESE E is the world's first fully electrically powered suction excavator from RSP, built on an electric truck chassis.

INNOVATE WORK.

RSP's objective is to develop suction excavators for the future focussing on efficiency, sustainability and zero emissions.

In order to operate the damage-free excavation and the economical excavation times in the industry or construction sector even more sustainably as well as without pollutants, the fully electric operation of our innovative suction excavator can ensure this objective.

The best quality for you is green, now!

The fans are driven directly by water-cooled electric motors developed by RSP.

- Completely independent of the chassis engine (no cardan shaft, no V-belts)
- Speed control by operator, others than fixed speeds are possible.
- Speed 4100 rpm, boost mode possible as well.
- Drive of both the compressor and hydraulic pump directly by one electric motor each.

All motors are controlled by electric inverters. Simultaneous charging and working is possible in a stationary mode.

RSP suction excavator, only Green

- Proven high-performance double fan with direct electric drive
- Improved hydraulic articulated hose carrier
- 8m³ container (side dumping)
- RSP standard compressor Q = 4.5m³/min.
- RSP air guidance and separation system, real three-stage separation
- RSP fine filter unit, automatic compressed air cleaning, filter system with cartridge filters in swing frame
- Hydraulic system for energy-efficient use to operate the articulated hose carrier and rotary module.
- Simultaneous “Driving and sucking”

The FRAMO chassis:

- Fully reconstructed 32T MAN TG4 8x4-4 Chassis
- Fully electric drive train
- Power: 400 KW engine power

Charging capacities:

- 150 KW DC
- 22 KW AC - Type 2

Battery capacity:

- 2 x 230 KWh - 460 KWh

Battery location:

- 1 x 230 KWh between AGH und driver's cab
- 2 x 115 KWh, both sides between front and rear axles





The RSP suction assembly is 100% connected to the batteries and can utilize the full capacity of all batteries. The operating time amounts to approx. 6 hours, with fully charged batteries and average usage pattern.

The new concept of our fully electric ESE E is also suitable for use with hydrogen vehicles.

Your contact person on-site:



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