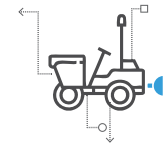


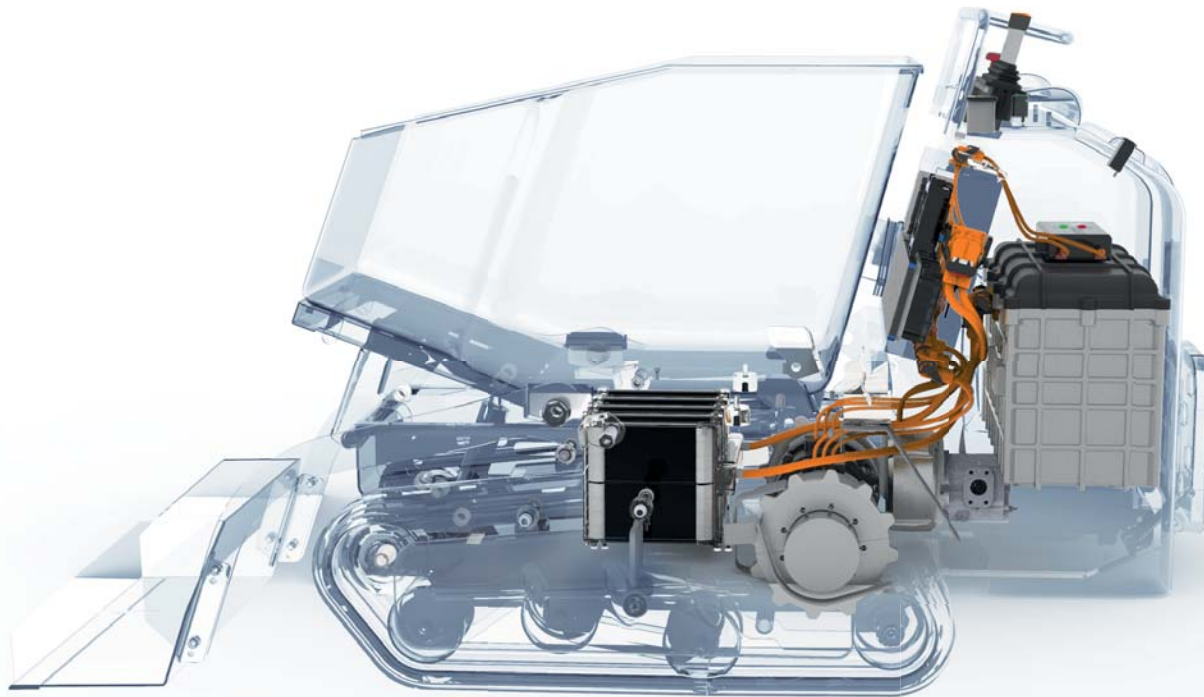
Dumper Design



privé | progettazione
ricerca
ingegnerizzazione
veicoli elettrici

PROJECT AIM

Project of a new pure electric machinery development, where Privé covered the concept, pre-series development and technological transfer allowing the manufacturers to begin his industrial production. The vehicle has been equipped with a complex powertrain solution designed with 3 motors and 3 inverters.



STRENGTHS OF CONVERSION



ZERO EMISSION



LOW NOISE



LOW COSTS



INDOOR USE



NIGHT USE



CITY CENTER USE

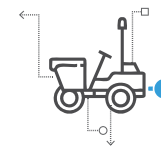
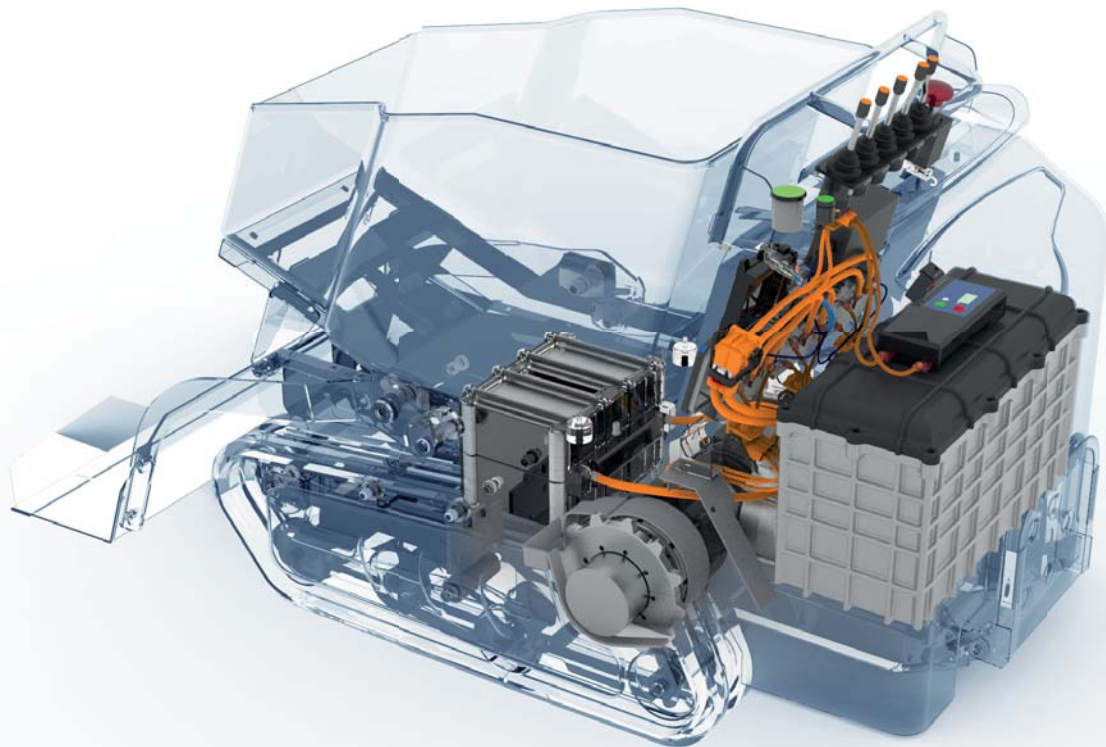


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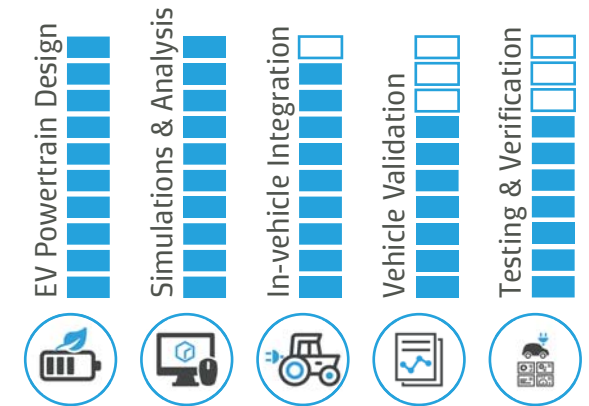
DESCRIPTION

The 3 different motors have been served with a battery pack of 8kWh with two modules of 4kWh made with prismatic cells LiFePO4 with the aim to minimize the risks and manageability of the machinery also considering the environmental conditions of usage.

The two battery packs have been positioned in stead of the conventional engine and between the tracks lowering the center of gravity and optimizing the space.



APPLIED SKILLS



DIESEL VS ELECTRIC COSTS COMPARISON IN 800 Kg CARRYING CAPACITY @ 1000 h Work

