

VIAJET ON SCANIA P 360E

FAUN
KIRCHHOFF GROUP

SWEEPING. FULLY ELECTRIC.

Emission-free in operation and just as powerful as ever: The VIAJET on the fully electric Scania P 360E combines emission-free, quiet driving with the proven sweeping performance and reliability of a FAUN street sweeper. The sweeper body corresponds to the VIAJET basic model and is available in hopper sizes of 6.4 m³ and 7.6 m³.

0 g LOCAL CO_2-EMISSIONS	**360 kW** DRIVING POWER	**360 kWh** BATTERY CAPACITY	**10 h** CONTINUOUS OPERATION

Driving system

The fully electric drivetrain delivers 360 kW of power, providing the same impressive performance as conventionally powered sweepers. The electric drive unit is located beneath the cab. Power is transmitted to the rear axle via a cardan shaft, just as in conventional drive systems.

Body / M-PTO

The superstructure hydraulics and high-pressure system are powered by an M-PTO arranged on the left-hand side (electric motor with 80 kW). The suction fan, sweeping functions and tilting functions operate via the proven VIAJET hydraulic system. The driver operates independently of the fan's power requirements; its speed can be continuously adjusted.

Battery & operating time

The vehicle batteries, with a capacity of up to 360 kWh, enable 10 hours of continuous operation without intermediate charging. They are based on a 750-volt architecture and are positioned behind the cab in a weight-optimized manner.

Charging port

Charging is flexible: via a 32 A CEE socket with up to 44 kW (AC), or at a fast-charging station via a CCS Type 2 connector with up to 400 kW (DC).

Equipment

Pushed or pulled sweeping units on both sides, a high-pressure system and a rear or top-mounted wanderhose. As usual, the VIAJET is completed by the standard patented FAUN recirculation air system.

Drive type:
⊕ electric

Configuration example

VIAJET 7

- 7,6 m³ hopper volume
- 3.000 l water
- Proven VIAJET hydraulic system
- Patented FAUN recirculation air system
- Pushed sweeping units on both sides
- High-pressure system 15 l / 100 bar
- Rear-mounted wanderhose

Scania P 360E

- 19 t chassis
- 4.750 mm wheelbase
- 360 kW driving power
- 80 kW M-PTO
- 360 kWh battery capacity, 750 volt architecture
- 10 h operating time without intermediate charging
- Fast charging up to 400 kW (DC)

BASE	HOPPER VOLUME	WATER CAPACITY	WHEELBASE
VIAJET 6	6.4 m³	2,700 l	> 4,350 mm
VIAJET 7	7.6 m³	3,000 l	> 4,750 mm