



THE FULL ELECTRIC TRUCK 2nd GENERATION



European
Homologation

GVW 27 T
70 km/h

Low entry cabin
Flat floor
2 drive axles

Battery
170/255 kWh

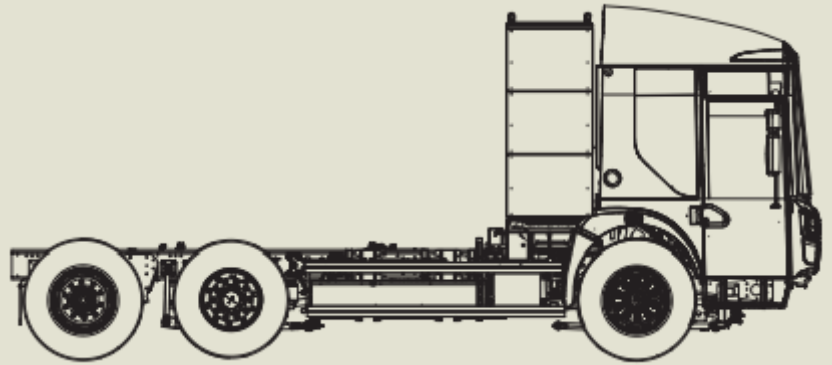


No CO₂ emission / low noise emission
Constant autonomy up to 9 hours or 110 km
Onboard charger / 7 years production feedback
Regenerative braking / Telediagnostic service





THE FULL ELECTRIC 27T TRUCK



Dimensions

Length	7 815 to 8 228 mm
Width	2 500 mm
Height (overall)	3 162 mm
Height (frame, unladen)	960 mm
Wheelbase	3 700 to 4 550 mm
Theoretical wheelbase	4 235 to 5 085 mm
Distance between rear axles	1 350 mm
Front overhang	1 665 mm
Rear overhang	650 mm
Approach angle	15°
Height of the step	404 mm
Cab floor	786 mm

Electric Powertrain & Battery

Asynchronous electric motor	400 V AC
Motor power Nominal / max	103 / 118 kW
Motor torque Nominal / max	380 / 550 Nm
Robotized ZF gearbox	ZF 9S1100 TO
Number of gears	9
Axle ratio	6.83 : 1
Battery capacity	170 or 255 kWh
Batteries Technology	Lithium ion
Voltage	615 V
Battery charger	20 or 44 kW

Weights (170 kWh battery)

Vehicle GVW	26 800 kg
Chassis payload	16 800 kg
Front axle (chassis weight / max capacity)	6 300 / 7 800 kg
Drive axle (chassis weight / max capacity)	2 600 / 11 500 kg
Rear axle (chassis weight / max capacity)	1 100 / 7 500 kg

Weights (255 kWh battery)

Vehicle GVW	26 800 kg
Chassis payload	15 600 kg
Front axle (chassis weight / max capacity)	7 300 / 7 800 kg
Drive axle (chassis weight / max capacity)	2 700 / 11 500 kg
Rear axle (chassis weight / max capacity)	1 200 / 7 500 kg

Performances

Standard Range (170kWh)	6 hours / 75 km
Large Range (255kWh)	9 hours / 110 km
Charging time	4 to 10 hours
Max speed (electronic limitation)	70 km/h
Max slope	20 %

Standard equipment

Onboard battery charger 20kW	Regenerative braking
Electric air compressor	ABS/ ESP / AEBS / LDWS
Full air suspension	3 water cooling circuits
2 Drive axles	Bridgestone tyres 295/R80-22,5
Specific Vansco cluster	Allison keyboard
Electric cabin heating group	Telediagnostic system
Onboard plug	10m charging cable

Options

Large battery pack 255 kWh	e-PTO 40 kW	Maintenance diagnostic tool	Air conditioning system
Battery heating system	Winter battery cover	Long wheel base +850 mm	Chronotachygraph
Additional battery charger 24kW	Thermal cabin heating group	Large tyres 315/R80-22,5	Michelin tyres

