**TECHNICAL SPECS**

**ELECTRIC VEHICLES**

### TYPE-APPROVAL | CAB SEATS

- EU on-road type-approval: N1
- Seats inside the cab: 2
- Vehicle with long wheelbase: not available

### PERFORMANCE

- Top speed: 44 km/h
- Maximum negotiable slope: 32 %
- Maximum autonomy (R101 test with 10 kWh battery in SPORT mode: 74 km):
  - Lead-Acid 10 kWh: 70 km
  - Lead-Acid 14.4 kWh: —
  - Gel 8.7 kWh: 60 km
  - Gel 13.2 kWh: —
  - Lithium (LiFePO4) 10 kWh: —
  - Lithium (LiFePO4) 20 kWh: —

### DIMENSIONS

- Length (chassis version): 3,220 mm
- Length (version with cargo bed):
  - 3,530 mm (1)
  - 3,730 mm (2)
- Vehicle cab width (without rear-view mirrors): 1,215 mm
- Vehicle cab width (with wing mirrors closed): 1,380 mm
- Vehicle cab width (with wing mirrors open): 1,650 mm
- Cab height (with standard tyres): 1,890 mm
- Vehicle height with beacon light (with standard tyres): 1,980 mm
- Wheelbase: 2,130 mm (1)
- 2,230 mm (2)
- Approach angle: 40°
- Departure angle: 13° (1)
- 11° (2)
- Rear axle distance from ground: 130 mm

### WEIGHTS | CAPACITY AND TOWING

<table>
<thead>
<tr>
<th>Weight</th>
<th>Lead-Acid 10 kWh</th>
<th>Lead-Acid 14.4 kWh</th>
<th>Gel 8.7 kWh</th>
<th>Gel 13.2 kWh</th>
<th>Lithium (LiFePO4) 10 kWh</th>
<th>Lithium (LiFePO4) 20 kWh</th>
</tr>
</thead>
<tbody>
<tr>
<td>UVW</td>
<td>unloaded vehicle weight</td>
<td>930 kg</td>
<td>—</td>
<td>930 kg</td>
<td>—</td>
<td>—</td>
</tr>
<tr>
<td>GVW</td>
<td>gross vehicle weight (max weight for fully-loaded vehicle)</td>
<td>2,150 kg</td>
<td>4,100 kg</td>
<td>2,000 kg</td>
<td>5,230 kg</td>
<td>—</td>
</tr>
<tr>
<td>GCW</td>
<td>gross combined weight (max weight for fully-loaded vehicle + trailer)</td>
<td>—</td>
<td>—</td>
<td>3,000 kg</td>
<td>—</td>
<td>—</td>
</tr>
<tr>
<td>Maximum towing capacity (on road</td>
<td>braked trailer)</td>
<td>2,000 kg</td>
<td>2,000 kg</td>
<td>—</td>
<td>—</td>
<td>—</td>
</tr>
<tr>
<td>Maximum traction power</td>
<td>5,230 N</td>
<td>5,230 N</td>
<td>—</td>
<td>—</td>
<td>—</td>
<td>—</td>
</tr>
<tr>
<td>Maximum towing capacity (not on road</td>
<td>braked trailer)</td>
<td>3,000 kg</td>
<td>3,000 kg</td>
<td>—</td>
<td>—</td>
<td>—</td>
</tr>
<tr>
<td>Maximum chassis load capacity (+ GWV - UVW)</td>
<td>1,220 kg</td>
<td>1,220 kg</td>
<td>—</td>
<td>—</td>
<td>—</td>
<td>—</td>
</tr>
</tbody>
</table>

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- as standard
- optional
- compatible but not type-approved for road circulation
- not available
- vehicle with standard wheelbase
- vehicle with long wheelbase
## ELECTRIC VEHICLES

- as standard
- Δ optional
- † compatible but not type-approved for road circulation
- — not available

### Motor / Controller
- 48V AC asynchronous induction electric motor
- Maximum motor power [kW]: 14
- Maximum motor torque [Nm]: 113
- Curtis 48V control electronics
- Vehicle performance settings (ECO and SPORT)
- Auxiliary cooling system for motor / controller Δ + 2.0

### Transmission
- Transmission with electronic speed variation
- Rear wheel drive
- Heavy duty differential unit

### SUSPENSIONS
- Front suspension with MacPherson type independent wheels
- Rear suspension with De-Dion bridge and stabiliser bar

### Brakes
- Front hydraulic disc brakes and rear hydraulic drum brakes
- Rear hydraulic drum brakes with mechanical servo brake
- Parking brake
- Regenerative brake Δ + 2.0

### Steering
- Rack and pinion steering
- Electric power steering (EPS) Δ + 7.0
- Minimum turning radius | internal [mm]: 2,600(1) 2,620(2)

### Body | Chassis
- White body
- Customised body colour Δ + 0.0
- Steel chassis with anti-corrosion treatment and powder coating finish
- Impact-resistant polyethylene front and rear bumpers

### Safety
- 3-point seat belt for driver and passenger(s)
- Immobilizer and presence sensor on driver’s seat
- Steering lock with key
- Horn / reverse buzzer
- Forward gear buzzer activable from dashboard Δ
- Safety switch inside the cab for 48V drive battery
- Safety switch inside the cab for 12V service battery
- Tyre repair kit

### Lights
- Full LED rear lights
- LED DRL lights
- Orange flashing LED on cab roof Δ + 2.0
- Blue flashing LED on cab roof Δ + 2.0

### CAB | COMFORT
- Timed heated windshield Δ + 7.0
- Electric demister Δ + 13.0
- Webasto heating (as an alternative to electric demister) Δ + 25.0
- Air-conditioning Δ + 25.0
- Adjustable seats
- Front doors
- Front doors with sliding windows Δ + 0.0
- Rear doors Δ + 6.5
- Protective grids for front doors
- Armrests Δ + 3.5
- Headrests

### DASHBOARD
- ECO / SPORT selector
- 12V 10A socket
- Speedometer (km / mph)
- Hour meter
- Indicators
- Battery state of charge
- Battery capacity
- Motor temperature
- Inverter temperature
- Inverter errors
- Current delivered by inverter
- Dashboard LCD colour display

### Battery
- Type
- Lead-Acid
- Lead-Acid 14.4 kWh
- Gel 8.7 kWh Δ
- Gel 13.2 kWh
- Lithium (LiFePO4) 10 kWh
- Lithium (LiFePO4) 20 kWh
- Number of batteries
- Lead-Acid 8x6V
- Lead-Acid 10x6V
- Gel 8.7 kWh 8x6V
- Gel 13.2 kWh
- Lithium (LiFePO4) 10 kWh
- Lithium (LiFePO4) 20 kWh
ELECTRIC VEHICLES

<table>
<thead>
<tr>
<th>330 E</th>
<th>weight [kg]</th>
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<tr>
<td>Lead-Acid 10 kWh (cycles)</td>
<td>1.200</td>
</tr>
<tr>
<td>Lead-Acid 14.4 kWh (cycles)</td>
<td>—</td>
</tr>
<tr>
<td>Gel 8.7 kWh (cycles)</td>
<td>700</td>
</tr>
<tr>
<td>Gel 13.2 kWh (cycles)</td>
<td>—</td>
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**ACCESSORIES**

**CONFIGURATIONS AND CARGO AREA**

**Estimated battery life**
- Lead-Acid 10 kWh: 1,200 E
- Lead-Acid 14.4 kWh: —
- Gel 8.7 kWh: 700 E
- Gel 13.2 kWh: —

**Battery charge on vehicle (PFC active)**
- Lead-Acid 10 kWh: 9 E
- Lead-Acid 14.4 kWh: —
- Gel 8.7 kWh: 7.5 E
- Gel 13.2 kWh: —

**External quick battery charge (Lithium only)**
- Lithium (LiFePO4) 10 kWh: —
- Lithium (LiFePO4) 20 kWh: —

**Battery swap system**
- Lead-Acid 10 kWh: —
- Gel 8.7 kWh: —

**Battery top-up**
- Lead-Acid 10 kWh: Δ + 0.0 E
- Lead-Acid 14.4 kWh: Δ + 0.0 E

**Consumption for complete recharge**
- Lead-Acid 10 kWh: 9 E
- Lead-Acid 14.4 kWh: —
- Gel 8.7 kWh: 7.5 E
- Gel 13.2 kWh: —

**Estimated battery charge time**
- Lead-Acid 10 kWh: 8 E
- Lead-Acid 14.4 kWh: —
- Gel 8.7 kWh: 11 E
- Gel 13.2 kWh: —

**Lithium (LiFePO4) 10 kWh**
- Lead-Acid 10 kWh: 9 E
- Lead-Acid 14.4 kWh: —
- Gel 8.7 kWh: 7.5 E
- Gel 13.2 kWh: —

**Lithium (LiFePO4) 20 kWh**
- Lead-Acid 10 kWh: 9 E
- Lead-Acid 14.4 kWh: —
- Gel 8.7 kWh: 7.5 E
- Gel 13.2 kWh: —

**Watering unit with 600 L tank**
- δ + 140.0 E

**COMBI high pressure cleaner with 210 L tank and 20 m hose**
- δ

**Tail lift and dropside body**
- 200 x 140 cm (H30 cm)
- mesh sides extension H55 cm with rear drop side with upwards opening
- leaded for body 130 x 123 cm
- Lead-Acid 10 kWh: + 25.0 E
- Lead-Acid 14.4 kWh: —
- Gel 8.7 kWh: —
- Gel 13.2 kWh: —

**COMBI mesh sides extension H55 cm**
- 150 x 123 cm with rear drop side
- Lead-Acid 10 kWh: + 30.0 E
- Lead-Acid 14.4 kWh: —
- Gel 8.7 kWh: —
- Gel 13.2 kWh: —

**200 x 140 cm (H30 cm)**
- tail lift and box van body 200 x 140 cm
- mesh sides extension H55 cm
- Lead-Acid 10 kWh: —
- Lead-Acid 14.4 kWh: —
- Gel 8.7 kWh: —
- Gel 13.2 kWh: —

**200 x 140 cm**
- tail lift and box van body 200 x 140 cm
- mesh sides extension H55 cm
- Lead-Acid 10 kWh: —
- Lead-Acid 14.4 kWh: —
- Gel 8.7 kWh: —
- Gel 13.2 kWh: —

**Waste collection body (3.7 m3 version)**
- COMBI waste collection body
- Λ

**COMBI high pressure cleaner with 210 L tank and 20 m hose**
- δ

**Tail lift and dropside body**
- 200 x 140 cm (H30 cm)
- mesh sides extension H55 cm
- Lead-Acid 10 kWh: + 25.0 E
- Lead-Acid 14.4 kWh: —
- Gel 8.7 kWh: —
- Gel 13.2 kWh: —

**COMBI mesh sides extension H55 cm**
- 150 x 123 cm with rear drop side
- Lead-Acid 10 kWh: + 30.0 E
- Lead-Acid 14.4 kWh: —
- Gel 8.7 kWh: —
- Gel 13.2 kWh: —

**300 E | weight [kg] | 330 E | weight [kg]**

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**Estimated battery life**
- Lead-Acid 10 kWh: 1,200 E
- Lead-Acid 14.4 kWh: —
- Gel 8.7 kWh: 700 E
- Gel 13.2 kWh: —

**Battery charge on vehicle (PFC active)**
- Lead-Acid 10 kWh: 9 E
- Lead-Acid 14.4 kWh: —
- Gel 8.7 kWh: 7.5 E
- Gel 13.2 kWh: —

**External quick battery charge (Lithium only)**
- Lithium (LiFePO4) 10 kWh: —
- Lithium (LiFePO4) 20 kWh: —

**Battery swap system**
- Lead-Acid 10 kWh: —
- Lead-Acid 14.4 kWh: —
- Gel 8.7 kWh: —
- Gel 13.2 kWh: —

**Battery top-up**
- Lead-Acid 10 kWh: Δ + 0.0 E
- Lead-Acid 14.4 kWh: Δ + 0.0 E

**Configurations and cargo area**

**Dropside body with manual tipping (aluminium drop sides H30 cm)**
- 130 x 123 cm: + 105.0 E
- 180 x 123 cm: Δ(1) + 130.0 E
- 200 x 140 cm: Δ(2) + 160.0 E

**Dropside body with manual tipping (aluminium drop sides H30 cm)**
- 130 x 123 cm: Δ(1) + 130.0 E
- 180 x 123 cm: Δ(2) + 160.0 E

**Estimated battery life**
- Lead-Acid 10 kWh: 1,200 E
- Lead-Acid 14.4 kWh: —
- Gel 8.7 kWh: 700 E
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- Lead-Acid 10 kWh: 9 E
- Lead-Acid 14.4 kWh: —
- Gel 8.7 kWh: 7.5 E
- Gel 13.2 kWh: —

**External quick battery charge (Lithium only)**
- Lithium (LiFePO4) 10 kWh: —
- Lithium (LiFePO4) 20 kWh: —

**Battery swap system**
- Lead-Acid 10 kWh: —
- Lead-Acid 14.4 kWh: —
- Gel 8.7 kWh: —
- Gel 13.2 kWh: —

**Battery top-up**
- Lead-Acid 10 kWh: Δ + 0.0 E
- Lead-Acid 14.4 kWh: Δ + 0.0 E

**Configurations and cargo area**

**Dropside body with manual tipping (aluminium drop sides H30 cm)**
- 130 x 123 cm: Δ(1) + 130.0 E
- 180 x 123 cm: Δ(2) + 160.0 E

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- Lead-Acid 10 kWh: 1,200 E
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- Lead-Acid 10 kWh: 9 E
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**External quick battery charge (Lithium only)**
- Lithium (LiFePO4) 10 kWh: —
- Lithium (LiFePO4) 20 kWh: —

**Battery swap system**
- Lead-Acid 10 kWh: —
- Lead-Acid 14.4 kWh: —
- Gel 8.7 kWh: —
- Gel 13.2 kWh: —

**Battery top-up**
- Lead-Acid 10 kWh: Δ + 0.0 E
- Lead-Acid 14.4 kWh: Δ + 0.0 E

**Configurations and cargo area**

**Dropside body with manual tipping (aluminium drop sides H30 cm)**
- 130 x 123 cm: Δ(1) + 130.0 E
- 180 x 123 cm: Δ(2) + 160.0 E

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- as standard
- δ optional
- Λ compatible but not type-approved for road circulation
- — not available
- (1) vehicle with standard wheelbase
- (2) vehicle with long wheelbase
NOTE
Top speed: approximate, obtained on a flat surface in optimum usage conditions and in SPORT mode. Maximum negotiable slope: approximate and assessed with vehicle empty in ideal usage conditions on discontinuous ramps. Maximum autonomy: approximate and obtained on a flat surface, in optimum usage conditions, with ECO mode and energy saver and adopting a correct driving style, at a speed no higher than 60% of the maximum speed, for non-continuous use (battery discharged in 5 hours). Estimated battery lifespan: approximate figure, based on the information in the manufacturer's possession at the time this file was published. Maximum towing capacity: calculated in optimum usage conditions, the trailers must have repulsion brakes and comply with the law. Maximum vertical weight on the tow hitch: 120kg. The technical specifications indicated in this catalogue (performance, autonomy, dimensions, etc.) depend - or may depend - on temperature, terrain, driving style, accessories, load or use of the vehicle. The data usually refers to use on a flat surface in optimum usage conditions - i.e. a basic vehicle version with no load and with the lightest battery, on an even and paved road surface with an outdoor temperature of 25°C, the battery fully charged, on board electronic devices switched off, and without any other accessory consumption. The technical specifications, design and performance levels indicated in this technical data sheet are by way of example only and may be subject to modifications without prior notice.