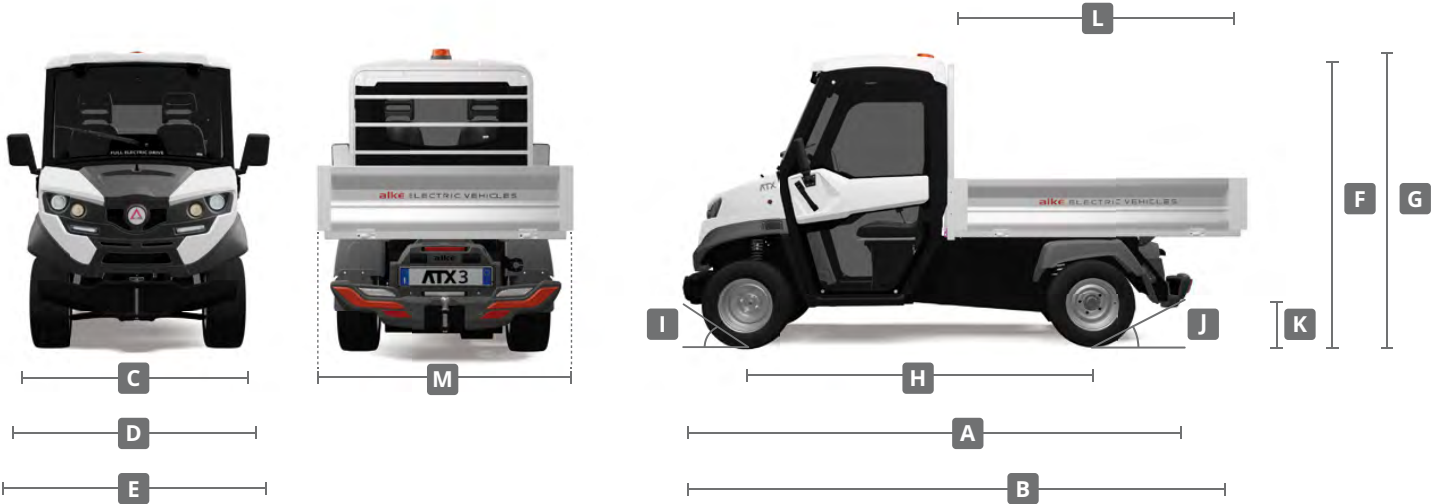




DR1

alkè
ELECTRIC VEHICLES

ATX 330E



| | 330 E | weight [kg] |
|----------------------------------|------------------|----------------|
| TYPE-APPROVAL CAB SEATS | | |
| EU on-road type-approval | N1 | |
| seats inside the cab | 2 | |
| right-hand drive | Δ | + 0.0 |

| PERFORMANCE | | | |
|---|---------------------------------------|----|--|
| top speed | [km/h] | 44 | |
| maximum negotiable slope (with high-performance batteries) | [%] | 32 | |
| maximum autonomy (R101 test with 10.0kWh battery in SPORT mode: 74 km) | Lead-Acid 10 kWh [km] | 70 | |
| | Lead-Acid 14.4 kWh [km] | — | |
| | Gel 8.7 kWh [km] | 60 | |
| | Gel 13.2 kWh [km] | — | |
| | Lithium (LiFePO4) 10 kWh [km] | — | |
| | Lithium (LiFePO4) 20 kWh [km] | — | |

| DIMENSIONS | | | |
|-------------------|---|--------|--|
| A | length (chassis version) | [mm] | 3.220 |
| B | length (version with cargo bed) | [mm] | 3.530 ⁽¹⁾ 3.730 ⁽²⁾ |
| C | vehicle cab width (without rear-view mirrors) | [mm] | 1.215 |
| D | vehicle cab width (with wing mirrors closed) | [mm] | 1.380 |
| E | vehicle cab width (with wing mirrors open) | [mm] | 1.650 |
| F | cab height (with standard tyres) | [mm] | 1.890 |
| G | vehicle height with beacon light (with standard tyres) | [mm] | 1.980 |
| H | wheelbase | [mm] | 2.130 ⁽¹⁾ 2.230 ⁽²⁾ |
| I | approach angle | [°] | 40 |

| | 330 E | weight [kg] |
|---|---------------------------------------|--|
| J | departure angle [°] | 13 ⁽¹⁾ 11 ⁽²⁾ |
| K | rear axle distance from ground [mm] | 130 |
| L | maximum loading bed length [mm] | 1.800 ⁽¹⁾ 2.000 ⁽²⁾ |
| M | maximum loading bed width [mm] | 1.500 |

| WEIGHTS CAPACITY AND TOWING | | | |
|--|---------------------------------------|-------|--|
| UVW unloaded vehicle weight (chassis version with battery) | Lead-Acid 10 kWh [kg] | 930 | |
| | Lead-Acid 14.4 kWh [kg] | — | |
| | Gel 8.7 kWh [kg] | 930 | |
| | Gel 13.2 kWh [kg] | — | |
| | Lithium (LiFePO4) 10 kWh [kg] | — | |
| | Lithium (LiFePO4) 20 kWh [kg] | — | |
| GVW gross vehicle weight (max weight for fully-loaded vehicle) | [kg] | 2.150 | |
| GCW gross combined weight (max weight for fully-loaded vehicle + trailer) | [kg] | 4.100 | |
| maximum towing capacity (on road braked trailer) | [kg] | 2.000 | |
| maximum traction power | [N] | 5.230 | |
| maximum towing capacity (not on road braked trailer) | [kg] | 3.000 | |
| maximum chassis load capacity (= GVW - UVW) | Lead-Acid 10 kWh [kg] | 1.220 | |
| | Lead-Acid 14.4 kWh [kg] | — | |
| | Gel 8.7 kWh [kg] | 1.220 | |
| | Gel 13.2 kWh [kg] | — | |
| | Lithium (LiFePO4) 10 kWh [kg] | — | |
| | Lithium (LiFePO4) 20 kWh [kg] | — | |



| | 330 E | weight [kg] |
|---|--|----------------|
| 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 |
| Vehicle Body Computer (VBC) | Δ | |
| 12M STD Cloud Service license | Δ | |
| 12M PRO Cloud Service license | Δ | |
| 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 discs brakes and rear hydraulic drum brakes | . | |
| rear hydraulic drum brakes with mechanical servobrake | . | |
| parking brake | . | |
| regenerative brake | . | |
| 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 | . | |
| rear view camera with LCD rear view monitor | Δ | |
| forward gear buzzer activable from dashboard | Δ | |
| safety switch inside the cab for 48 V drive battery | . | |
| safety switch inside the cab for 12 V service battery | . | |
| tyre repair kit | . | |
| LIGHTS | | |
| front and rear lights in road style | . | |
| full LED rear lights | . | |
| rear fog light and LED reversing light | . | |
| 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 | . | |
| electric demister | Δ | +7 |

| | 330 E | weight [kg] |
|--|--------------------------|---|
| Webasto heating (as an alternative to electric demister) | Δ | + 13.0 |
| air-conditioning | Δ | + 25.0 |
| adjustable seats | . | |
| front doors | . | |
| front doors with sliding windows | Δ | + 0.0 |
| rear doors | — | |
| armrests | Δ | + 3.5 |
| headrests | . | |
| rear seat bench | — | + 22.0 |
| cab interior lighting | . | |
| sun visors | Δ | |
| rear-view camera with internal LCD color monitor | Δ | |
| car audio system AM/FM/DAB/DAB+ with USB and Bluetooth | Δ | |
| rear speakers for 4-seats models | — | |
| openable front windscreen | . | |
| central door locks with remote control | Δ | |
| windscreen wiper with windscreen washer | . | |
| DASHBOARD | | |
| ECO / SPORT selector | . | |
| 12V 10A socket | . | |
| speedometer (km / mph) | . | |
| hour meter | . | |
| indicators | battery state of charge | battery capacity |
| | inverter temperature | current delivered by inverter |
| | motor temperature | |
| | inverter errors | |
| dashboard LCD colour display | . | |
| warning lights | indicators | doors lock |
| | lifted cargo bed | heated windshield |
| | low beam headlights | side lights |
| | electric demister | rear fog light |
| | beacon light | EPS |
| | forward gear | Webasto fuel shortage |
| | emergency lights | battery on electric motor charge status |
| | | overheating |
| | | neutral gear |
| | | aux 1 |
| | | aux 2 |
| BATTERY | | |
| type | Lead-Acid 10 kWh | . |
| | 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 10 kWh | 8x6V |
| | Lead-Acid 14.4 kWh | — |
| | Gel 8.7 kWh | 8x6V |
| | Gel 13.2 kWh | — |
| | Lithium (LiFePO4) 10 kWh | — |
| | Lithium (LiFePO4) 20 kWh | — |



| | | | 330 E | weight [kg] |
|--|--|------------|------------------|------------------------|
| estimated battery life | Lead-Acid 10 kWh | [cycles] | 1.200 | |
| | Lead-Acid 14.4 kWh | [cycles] | — | |
| | Gel 8.7 kWh | [cycles] | 700 | |
| | Gel 13.2 kWh | [cycles] | — | |
| | Lithium (LiFePO4) 10 kWh | [cycles] | — | |
| | Lithium (LiFePO4) 20 kWh | [cycles] | — | |
| estimated battery charge time | Lead-Acid 10 kWh | [hours] | 8 | |
| | Lead-Acid 14.4 kWh | [hours] | — | |
| | Gel 8.7 kWh | [hours] | 11 | |
| | Gel 13.2 kWh | [hours] | — | |
| | Lithium (LiFePO4) 10 kWh | [hours] | — | |
| | Lithium (LiFePO4) 20 kWh | [hours] | — | |
| | Lithium (LiFePO4) 10 kWh with quick charge | [hours] | — | |
| | Lithium (LiFePO4) 20 kWh with quick charge | [hours] | — | |
| | | | | |
| consumption for complete recharge | Lead-Acid 10 kWh | [kWh] | 9 | |
| | Lead-Acid 14.4 kWh | [kWh] | — | |
| | Gel 8.7 kWh | [kWh] | 7.5 | |
| | Gel 13.2 kWh | [kWh] | — | |
| | Lithium (LiFePO4) 10 kWh | [kWh] | — | |
| | Lithium (LiFePO4) 20 kWh | [kWh] | — | |
| 12 V services auxiliary battery | | | • | |
| battery charge on vehicle (PFC active) | (power supply 230V 16A 50-60Hz) | | • | |
| external quick battery charge (Lithium only) | (power supply 380V 16A 50-60Hz) | | — | (ext.) +15.0 |
| battery swap system | Lead-Acid 14.4 kWh | | — | |
| | Gel 13.2 kWh | | — | |
| battery top-up | Lead-Acid 10 kWh | | Δ | + 0.0 |
| | Lead-Acid 14.4 kWh | | Δ | + 0.0 |

CONFIGURATIONS AND CARGO AREA ACCESSORIES

| | | | |
|---|--------------|------------------|---------|
| dropside body with manual tipping (aluminium drop sides H30 cm) | 130 x 123 cm | — | + 105.0 |
| | 180 x 123 cm | Δ ⁽¹⁾ | + 130.0 |
| | 200 x 140 cm | Δ ⁽²⁾ | + 160.0 |
| flatbed for special configurations | 130 x 123 cm | — | + 80.0 |
| | 180 x 123 cm | Δ ⁽¹⁾ | + 90.0 |
| | 200 x 140 cm | Δ ⁽²⁾ | + 120.0 |

| | | 330 E | weight [kg] |
|---|-----------------------|------------------|------------------------|
| mesh sides extension H55 cm with rear drop side with upwards opening | for body 130 x 123 cm | — | + 25.0 |
| | for body 180 x 123 cm | Δ ⁽¹⁾ | + 29.0 |
| | for body 200 x 140 cm | Δ ⁽²⁾ | + 30.0 |
| COMBI mesh sides extension H55 cm 150 x 123 cm with rear drop side | | Δ ⁽²⁾ | + 30.0 |
| electro-hydraulic tipping for dropside body unit | for body 130 x 123 cm | — | + 14.0 |
| | for body 150 x 123 cm | Δ ⁽²⁾ | |
| | for body 180 x 123 cm | Δ ⁽¹⁾ | + 15.0 |
| | for body 200 x 140 cm | Δ ⁽²⁾ | + 15.0 |
| dropside body 180 x 123 cm with three side hydraulic tipping | | Δ ⁽¹⁾ | + 190.0 |
| tarpaulin body H108 cm openable on three sides for dropside body | for body 130 x 123 cm | — | + 25.0 |
| | for body 180 x 123 cm | Δ ⁽¹⁾ | + 30.0 |
| tarpaulin body H108 cm openable on three sides for dropside body | for body 200 x 140 cm | Δ ⁽²⁾ | + 35.0 |
| | | Δ | + 0.0 |
| custom colour for tarpaulin body | | Δ ⁽²⁾ | + 35.0 |
| removable rear seats kit with two independent seats, platform and 2-points seat belts | | ! | + 45.0 |
| tarpaulin roof H105 for rear seats kit | | Δ ⁽¹⁾ | + 30.0 |
| ambulance body equipped with spine board and box/seat for medical staff | | ! ⁽¹⁾ | + 75.0 |
| roof for ambulance body | | Δ ⁽¹⁾ | + 20.0 |
| box van body H122 cm 180 x 125 cm with sliding doors (2 per side) | | Δ ⁽¹⁾ | + 130.0 |
| box van body H122 cm 200 x 140 cm with sliding doors (2 per side) | | Δ ⁽²⁾ | + 170.0 |
| box van body with side roller shutters H132 cm 180 x 125 cm | | Δ ⁽¹⁾ | + 150.0 |
| box van body with side roller shutters H132 cm 200 x 140 cm | | Δ ⁽²⁾ | + 180.0 |
| set 2 shelves for box van body with sliding doors (each shelf covers half of the depth) | 180 x 123 cm | Δ ⁽¹⁾ | + 8.0 |
| | 200 x 140 cm | Δ ⁽²⁾ | + 12.0 |
| dropside body 150 x 123 cm COMBI | | Δ ⁽²⁾ | |
| COMBI storage box 45 x 125 cm H110 cm | | Δ ⁽²⁾ | |
| COMBI waste collection body (1.7 m ³ version) | | Δ ⁽²⁾ | |
| watering unit with 600 L tank | | Δ | + 140.0 |
| COMBI high pressure cleaner with 210 L tank and 20 m hose | | Δ | |
| high pressure cleaner with 600L tank and 20 m hose | | Δ | + 150.0 |
| load lashing eyes on loading bed | | Δ | |
| tail lift and dropside body 200 x 140 cm H30 cm with mesh sides extension H55 cm | | — | + 370.0 |
| tail lift and box van body 200 x 140 cm | | — | + 390.0 |
| Isothermal body H120 cm | 180 x 123 cm | Δ ⁽¹⁾ | + 120.0 |
| Isothermal body H130 cm | 200 x 140 cm | Δ ⁽²⁾ | + 140.0 |
| refrigerated body 0 +4 °C with side and rear door | 180 x 124 cm | Δ ⁽¹⁾ | + 220.0 |
| | 200 x 140 cm | Δ ⁽²⁾ | + 250.0 |
| waste collection body 2.2m ³ | | Δ ⁽¹⁾ | + 200.0 |
| waste collection body with bin lift system 2.2m ³ | | Δ ⁽¹⁾ | + 280.0 |
| waste collection body 2.8m ³ | | Δ ⁽²⁾ | + 240.0 |
| waste collection body with bin lift system 2.8m ³ | | Δ ⁽²⁾ | + 320.0 |
| tarp system for waste collection body | | Δ ⁽¹⁾ | + 15.0 |
| broom and dustpan holder kit | | Δ | + 8.0 |
| semi-trailer coupling system fitting DIN Ø40 drawbar eyes | | Δ | + 60.0 |



| | 330 E | weight [kg] |
|---|----------|----------------|
| reverse inching device for easy trailers coupling | Δ | + 4.0 |
| semi-trailer coupling system with fifth wheel fitting 2" kingpins | Δ | + 100.0 |

FRONT / REAR ACCESSORIES

| | | |
|--|---|--------|
| front pin tow hitch | . | |
| rear ball tow hitch | . | |
| rear trailer hitch with ball & pin coupling (instead of standard ball hitch) | Δ | + 3.5 |
| automatic tow hitch fitting DIN Ø40 | Δ | + 15.0 |
| front protective bumper | . | |
| rear 13 pin connector | . | |
| snow plough hydraulic kit | Δ | + 10.0 |
| snow plough | ! | + 82.0 |
| electric salt spreader | Δ | + 50.0 |
| anti-roll kit | — | + 5.0 |
| rear hydraulic kit | Δ | + 4.0 |

TYRES

| | | |
|--|---|--------------|
| road tyres (front and rear 175/65 R14) | — | |
| road tyres (front and rear 175/70 R14) | . | |
| road tyres (front and rear 175/75 R14) | — | |
| low-profile road tyres (front and rear 225/55 R12) | . | |
| turf tyres (front and rear 23x8.50-12 6PR) | — | |
| turf tyres (front 23x8.50-12 6PR, rear 23x10.50-12 8PR) | ! | |
| off-road tyres (front and rear 23x8.50-12 6PR) | — | |
| off-Road tyres (front 23x8.50-12 6PR and rear 23x10.50-12 8PR) | ! | |
| spare wheel (provided separately) | Δ | (ext.) +18.0 |

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.



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