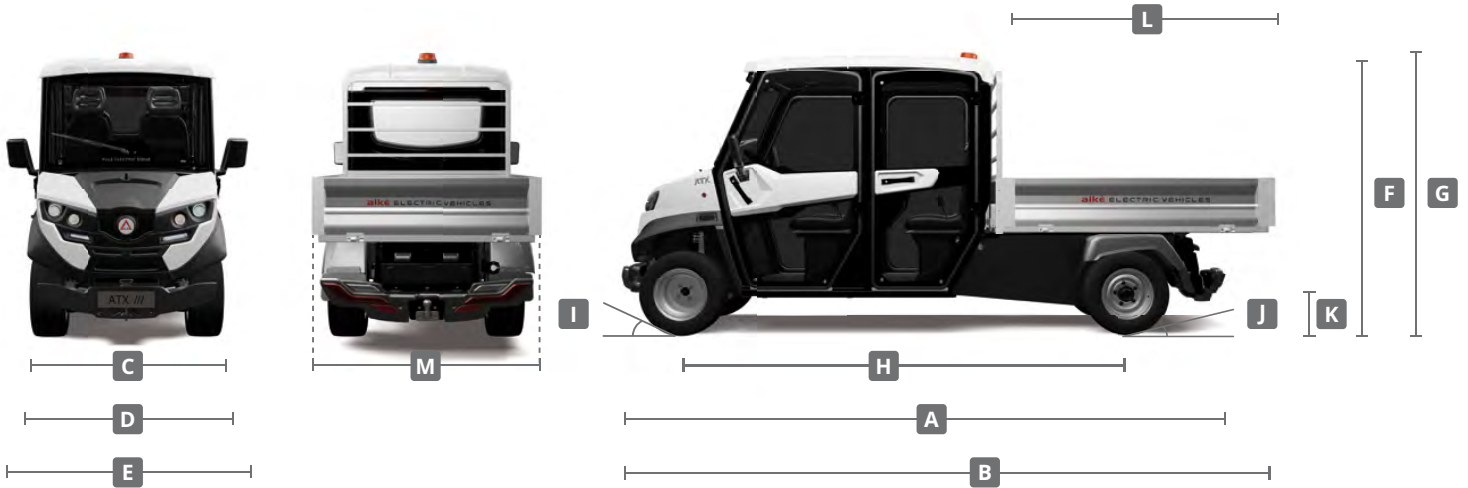




DR1

alkè
ELECTRIC VEHICLES

ATX 330ED



ATX330ED

TYPE-APPROVAL | CAB SEATS

| | | |
|--------------------------|----|-------|
| EU on-road type-approval | N1 | |
| seats inside the cab | 4 | |
| right-hand drive | Δ | + 0.0 |

PERFORMANCE

| | | | |
|--|---------------------------------|----|--|
| top speed | [km/h] | 44 | |
| maximum negotiable slope (with high-performance batteries) | [%] | 27 | |
| maximum autonomy | Lead-Acid 10 kWh [km] | 64 | |
| (The max autonomy value reported is indicative and refers to homologation data collected on WLTP cycle basis (combined circuit) with an configuration Alke' ATX vehicle with basic flatbed configuration.) | Lead-Acid 14.4 kWh [km] | — | |
| | Gel 8.7 kWh [km] | 54 | |
| | Gel 13.2 kWh [km] | — | |
| | Lithium (LiFePO4) 10 kWh [km] | — | |
| | Lithium (LiFePO4) 20 kWh [km] | — | |

DIMENSIONS

| | | | |
|---|--|--------|--|
| A | length (chassis version) | [mm] | 3.980 |
| B | length (version with cargo bed) | [mm] | 4.290 ⁽¹⁾ 4.490 ⁽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] | 2.890 ⁽¹⁾ 2.990 ⁽²⁾ |
| I | approach angle | [°] | 40 |
| J | departure angle | [°] | 10 ⁽¹⁾ 9 ⁽²⁾ |

weight [kg]

| | | | |
|---|--------------------------------|--------|--|
| 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

| | | |
|---|---------------------------------|-------|
| UJV unloaded vehicle weight (chassis version with battery) | Lead-Acid 10 kWh [kg] | 1.050 |
| | Lead-Acid 14.4 kWh [kg] | — |
| | Gel 8.7 kWh [kg] | 1.050 |
| | 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] | 1100 |
| | Lead-Acid 14.4 kWh [kg] | — |
| | Gel 8.7 kWh [kg] | 1100 |
| | Gel 13.2 kWh [kg] | — |
| | Lithium (LiFePO4) 10 kWh [kg] | — |
| | Lithium (LiFePO4) 20 kWh [kg] | — |



ATX 330ED

weight [kg]

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] | 4,110 ⁽¹⁾ 4,130 ⁽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 |
| 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 | Δ | |
| openable front windshield | . | |
| 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 | motor temperature | . |
| | inverter temperature | inverter errors | current delivered by inverter | . |
| dashboard LCD colour display | . | | | . |
| warning lights | indicators | doors lock | brake oil shortage | . |
| | lifted cargo bed | heated windshield | side lights | . |
| | low beam headlights | headlights | rear fog light | . |
| | electric demister | EPS | Webasto fuel shortage | . |
| | beacon light | battery on charge status | electric motor overheating | . |
| | forward gear | backward gear | neutral gear | . |
| | emergency lights | aux 1 | aux 2 | . |

BATTERY

type / capacity

| | | |
|---------------------|--------------------------|------|
| 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 | — |



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| | | | 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] | — | |
| estimated battery charge time | Lithium (LiFePO4) 20 kWh [cycles] | — | |
| | Lead-Acid 10 kWh [hours] | 8 | |
| | Lead-Acid 14.4 kWh [hours] | — | |
| | Gel 8.7 kWh [hours] | 11 | |
| | Gel 13.2 kWh [hours] | — | |
| consumption for complete recharge | 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] | — | |
| | 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 |
| | 250 x 140 cm | — | + 180.0 |
| pair of side toolboxes | | — | + 20.0 |

| | | | 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 |
| | for body 250 x 140 cm | — | + 40.0 |
| 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 |
| | for body 250 x 140 cm | — | + 20.0 |
| | dropside body 180 x 123 cm with three side hydraulic tipping | | Δ ⁽¹⁾ |
| 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 |
| | for body 200 x 140 cm | Δ ⁽²⁾ | + 35.0 |
| | for body 250 x 140 cm | — | + 40.0 |
| custom colour for tarpaulin body | | Δ | + 0.0 |
| tarpaulin body H110 cm for COMBI 150 x 123 cm dropside 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 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⁾ |
| | 200 x 140 cm | Δ ⁽²⁾ | + 12.0 |
| dropside body 150 x 123 cm COMBI | | Δ ⁽²⁾ | + 140.0 |
| COMBI storage box 45 x 125 cm H110 cm | | Δ ⁽²⁾ | + 50.0 |
| watering unit with 600 L tank | | Δ | + 140.0 |
| COMBI high pressure cleaner with 210 L tank and 20 m hose | | Δ | + 70.0 |
| 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 |
| COMBI waste collection body (1.7 m3 version) | | Δ ⁽²⁾ | |
| 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 |
| waste collection body 3.5m ³ | | — | + 280.0 |



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weight [kg]

| | | |
|---|------------------|---------|
| waste collection body with bin lift system 3.5m ³ | — | + 360.0 |
| tarp system for waste collection body | Δ ⁽¹⁾ | + 15.0 |
| broom and dustpan holder kit | Δ | + 8.0 |
| hydraulic crane coupled with 150x124 cm H30 cm dropside body | — | + 400.0 |
| semi-trailer coupling system fitting DIN Ø40 drawbar eyes | Δ | + 60.0 |
| 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 | • | |
| show 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) | ! | |
| tyres puncture protection treatment | Δ | |
| 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:** the max autonomy value reported is indicative and refers to homologation data collected on WLTP cycle basis (combined circuit) with an configuration Alke' ATX vehicle with basic flatbed configuration. **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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