alkè
ELECTRIC VEHICLES

ATX
RANGE

Li
LITHIUM
POWERED

ENGLISH

ELECTRIC VEHICLES

DELIVERING SOLUTIONS

ATX RANGE • ELECTRIC VEHICLES

ZERO EMISSIONS

ECOLOGICAL

Zero CO2 emissions and no noise pollution.
The Alke' electric vehicles work in closed environments, in restricted traffic areas and where there are strict environmental limits. Mobility is no longer a problem within hospitals, recovery centres, university campuses, sporting arenas, natural protected areas and cultural sites.

TYPE-APPROVED FOR ROAD USE

ROAD DRIVING

N1 type-approved for road circulation in Europe.
Alke' electric vehicle are always at the centre of city life and are ideal for use by municipalities, logistical operators in historic city centres, environmental and waste collection services, postal services, catering services, street food, etc.

Li
LITHIUM POWERED

BATTERY AUTONOMY UP TO 150 km

8:00
WORKING DAYS EXCEEDING 8 HOURS

2 - 4 SEATS CAB

$
COMPLETE CHARGE COSTING €2

OFF-ROAD VERSION

ALWAYS READY

High autonomy and non-stop operation for shift work.
Alke' electric vehicles are always by your side. Choose a high capacity battery, a quick charge system for Lithium batteries or the battery swap system and you will never be left standing.

DELIVERING SOLUTIONS • ATX RANGE

HIGH-PERFORMANCE

High performance Motors and Controllers.

The Alke' electric vehicles are fitted with motors providing high torque and gradual power distribution, ideal for intensive industrial use and at the same time, for handling demanding off-road terrain, such as sand, snow or ice.

OUTSTANDING PERFORMANCE

ROBUST

Designed to last.

Alke' electric vehicles are fitted with technical solutions and components originating from the off-road and industrial sectors which, together with high level construction standards, make them unique in terms of robustness and reliability.

HIGH LEVELS OF RELIABILITY

COMPACT BUT TENACIOUS

Versatility in a concentrated form.

Alkè electric vehicles are compact, ideal for working in restricted areas (also indoors), but at the same time offer service levels which are second to none when compared to similar vehicles; it is no coincidence that they are the preferred choice for the most important European industrial players, and not only.

- CAN HANDLE SLOPES UP TO 35%
- KG — LOAD CAPACITY UP TO 1,630 KG
- TOWING CAPACITY UP TO 4,500 KG
- FLEXIBLE AGILE
- COMPACT
- HEAVY DUTY MECHANICS

HUNDREDS OF AVAILABLE SOLUTIONS

Find out among our configurations the best solution for your needs!

Alke' can develop special configurations upon request.

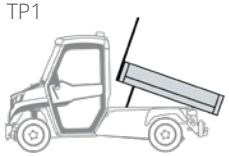
All the configurations presented are available for the vehicles with:

- 2-seat cab
- 4-seat cab
- left-hand drive
- right-hand drive

DR1

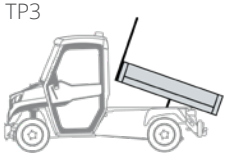
Dropside body

TP1



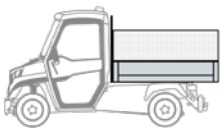
Dropside tipper body

TP3



3-side tipper body

ME1

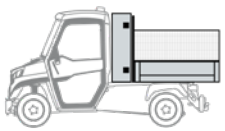


Dropside body with mesh sides extension

DR2

Dropside body with front storage box

ME2



Dropside body with front storage box + mesh sides extension

BV1

Box van body with sliding doors

BV2

Box van body with roller shutter doors

TA1

Tarpaulin body openable on three sides

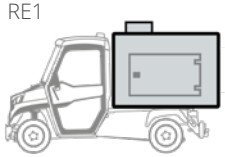
TA2

Tarpaulin body with customised colours

IS1

Isothermal body

RE1

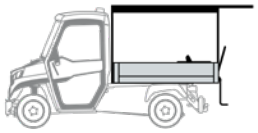


Refrigerated body 0 +4 °C

RS1

Rear seats kit

RS2



Rear seats kit with roof

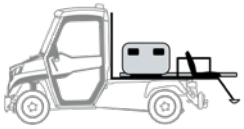
RS3

Box van body with double bench seats

LH1

Roof ladder holder

AM1



Ambulance body

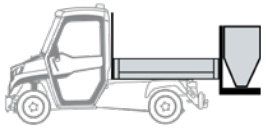
AM2

Ambulance body with roof

SN1

Front snow plough

SN2



Rear salt spreader

FF1

Water-based firefighting unit

FF2

Foam-based firefighting unit

WP1

Watering unit

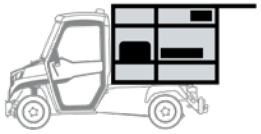
CL1

Cleaning unit with high pressure washer

MS2

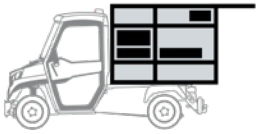
Ice-cream van body

MS3



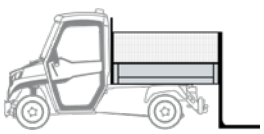
Pizza van body

MS4



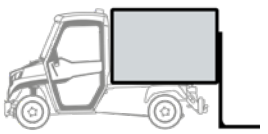
Street food van body

TL1



Tail lift and dropside body + mesh sides extension

TL2

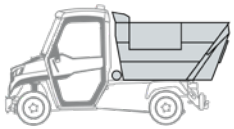


Tail lift and box van body

CR1

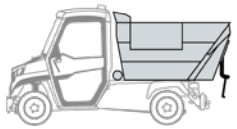
Dropside body with crane

WA1



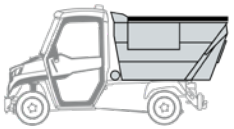
Waste collection body

WA2



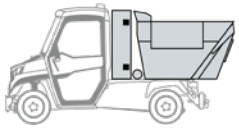
Waste collection body with rear bin lift system

WA3



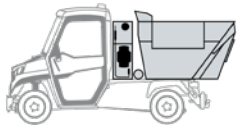
Waste collection body with tarp system

WA4



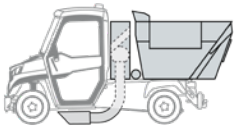
Waste collection body with front storage box

WA5



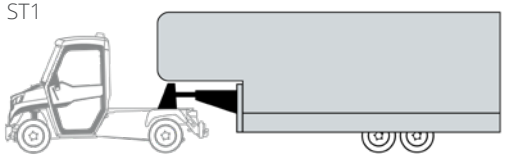
Waste collection body with power washer

WA6



Waste/Leaf collection body with vacuum system

ST1

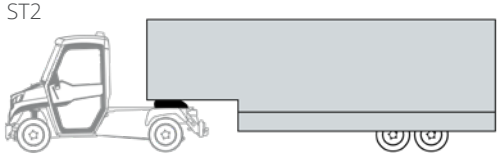


Semi-trailer coupling system fitting DIN Ø40 drawbar eyes

TW1

Hitch for airport operations with rear control panel

ST2

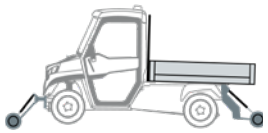


Semi-trailer coupling system with fifth wheel fitting 2” kingpins

TW2

Front towing hitch for trailers

RL1



Rail-System for Rail truck conversion

FL1

Flatbed

Customised configurations

ATX RANGE

READY FOR ANY SECTOR

PUBLIC SECTOR

municipal services, hospitals, school and university campuses, community services, cemeteries, park and green area maintenance, waste collection services, ecological and environmental services, civil protection, fire-prevention services, maintenance services in historical centres

INDUSTRY AND COMMERCE

industrial plants, shipyards, logistical centres, ports and airports, inter-ports, railway stations, exhibition structures, postal and courier services, catering services, home delivery services, conference centres, shopping centres

TOURISM SECTOR

holiday parks, resorts, residences and hotels, golf clubs, parks, camp sites, beaches, seaside resorts, tourist-cultural sites, cultural sites, zoos and amusement parks, sport centres, ski centres, first aid services

AGRICULTURE SECTOR

farms, farmhouses, riding schools, organic farming centres, fish farms, vineyards, wooded areas, garden centres, nurseries, floriculture, greenhouses, estates on flat or hilly terrain, maintenance of parks of villas and castles

The range of ATX electric vehicles is used daily by the most significant names in manufacturing industries and tourism as well as leading companies in more than 40 countries across the globe.

Alke’ ATX have been operating for years in critical areas such as the frozen lands of northern Europe or the extreme temperatures of the Sahara or other remote locations in the Far East and Africa.

ATX RANGE

Today, the challenge of professional mobility is not simply to identify the right vehicle but to find products capable of solving complex problems.

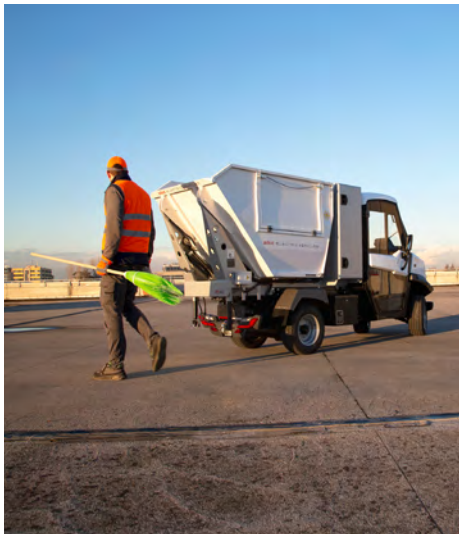
More and more, the vehicles which support us in our business must meet extremely restrictive environmental impact parameters both in terms of CO2 emissions and in terms of noise pollution.

We are increasingly looking for vehicles equipped with special equipment and configurations to carry out specific activities quickly and efficiently.

Vehicles which are comfortable to drive but also capable of working in adverse weather conditions even for whole days.

Vehicles which could be integrated with fleet management cloud platforms, and equipped with monitoring tools able to anticipate potential faults or allow them to be resolved quickly.

The Alke' ATX can be this. And more.



ATX RANGE

FIND OUT MORE ABOUT THE ALKE' ATX MODELS

Identify your vehicle work environment needs (number of seats in the cab, autonomy, capacity, traction ability, urban or off-road use, cargo area configuration, etc.) and choose the right model which fits better this goal.

KG

PUBLIC ROAD USE
max. capacity **620 kg**
max. towing capacity **1.200 kg**

TOP SPECS
max. capacity **620 kg**
max. towing capacity **2.000 kg**

Suitable for working in small spaces

This is the short model of the ATX range, and for this reason, it is the most suitable for operating in small spaces which require agility and reduced steering radius. It is at its most comfortable amongst the buildings of small historic centres, in warehouses, greenhouses, underground levels of hospitals and museums or estates on hilly terrain with roads with tight bends. The configuration with an open loading bed has a useful surface area of 130x123 cm.

cargo area **130x123 cm**

max. autonomy **75 km**

KG

PUBLIC ROAD USE
max. capacity **610 kg**
max. towing capacity **1.200 kg**

TOP SPECS
max. capacity **610 kg**
max. towing capacity **2.000 kg**

Ideal for the city and tourism

This is the lightest of the ATX models with an intermediate loading bed of 180x123 cm. It is particularly suited for urban environments, for home delivery services, catering services, waste collection or for assisting professionals who need to get around restricted traffic areas together with their tools and materials. It is the ideal choice for camp sites, resorts and other tourism structures.

cargo area **180x123 cm**

max. autonomy **75 km**

KG

PUBLIC ROAD USE
max. capacity **1.575 kg**
max. towing capacity **2.000 kg**

TOP SPECS
max. capacity **1.575 kg**
max. towing capacity **4.500 kg**

The top of the range for off-road use

This is the best choice in terms of agility and performance, ideal for off-road applications even on difficult terrain such as sand, snow and ice.
For this reason, it is often chosen by tourism structures in coastal areas or resorts in the hills or mountains. In industrial environments, airports and railway stations it is used for logistics to move bogies and heavy trailers of up to 4,500 kg.

cargo area **180x123 cm 200x140cm**

max. autonomy **75 km**

KG

PUBLIC ROAD USE
max. capacity **1.630 kg**
max. towing capacity **2.000 kg**

TOP SPECS
max. capacity **1.630 kg**
max. towing capacity **4.500 kg**

For round-the-clock intensive use in industry

This is the top model which ensures maximum flexibility in terms of battery selection as it can count on quick-charge Lithium batteries or quick-change multiple battery systems.
It can work for double or triple work shifts.
It is the preferred choice of the most important names in the automotive and aerospace industries in Europe within their production plants.

cargo area **180x123 cm 200x140 cm**

max. autonomy **150 km**

KG

PUBLIC ROAD USE
max. capacity **1.510 kg**
max. towing capacity **2.000 kg**

TOP SPECS
max. capacity **1.510 kg**
max. towing capacity **4.000 kg**

Road type-approval for four seats

It is available in the double cab versions of the models 330E and 340E which allow work teams of four people to get around, even on public roads.
Thanks to the characteristics, the number of vehicles in use in the field can be halved, ensuring significant savings are made while simultaneously maintaining high levels of overall capacity and towing capacity.

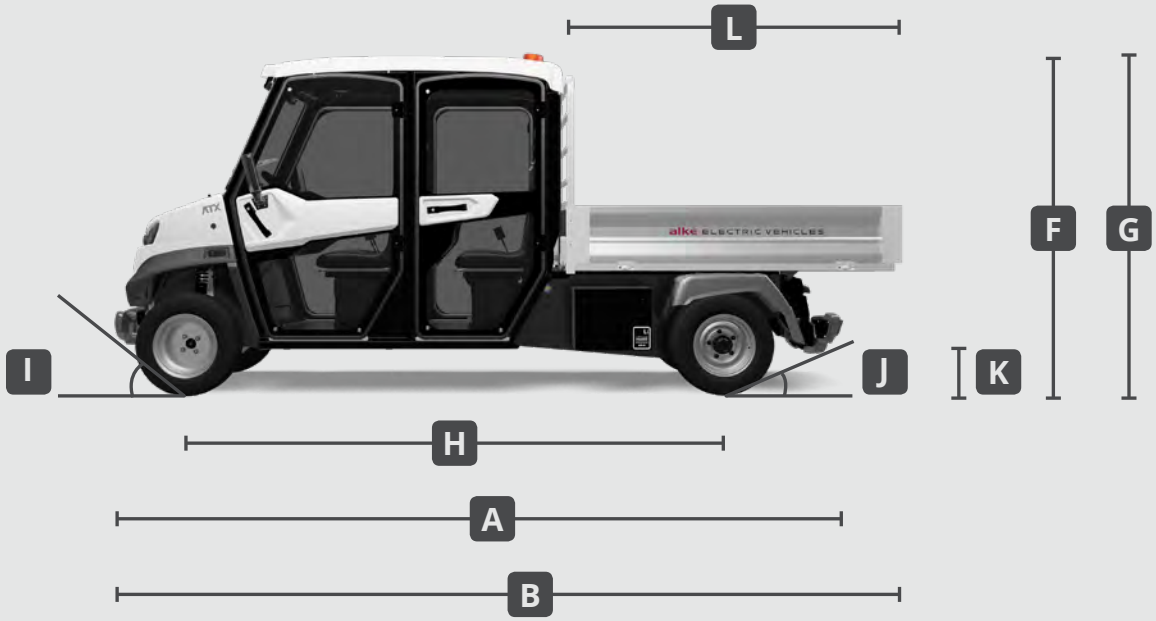
cargo area **180x123 cm 200x140 cm**

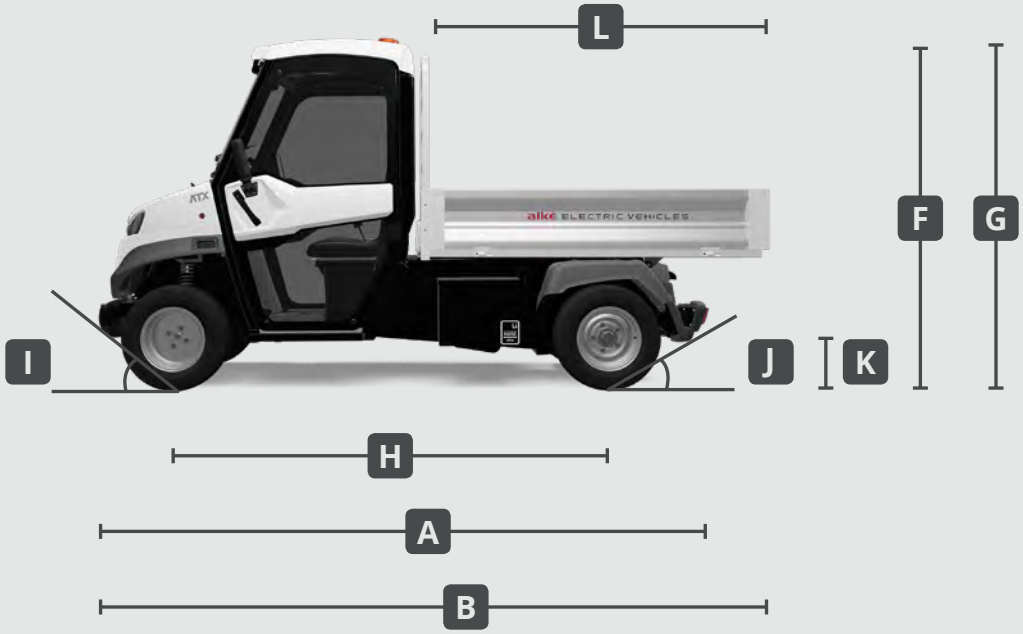
max. autonomy **145 km**

ATX RANGE

TECHNICAL DATA

The ATX electric vehicles are available with 5 different wheelbases, left-hand drive and right-hand drive, cab with 2 or 4 seats, 3 different sized cargo beds with the possibility of customised variants upon request.





C
D
E
M

ATX technical specifications

			310	320	330				340				weight
			E	E	E	ED	EH	EDH	E	ED	EH	EDH	[kg]
TYPE-APPROVAL | CAB SEATS													
EU on-road type-approval			N1	N1	N1	N1	N1	N1	N1	N1	N1	N1	
seats inside the cab			2	2	2	4	2	4	2	4	2	4	
right-hand drive			Δ	Δ	Δ	Δ	Δ	Δ	Δ	Δ	Δ	Δ	+ 0.0
PERFORMANCE													
top speed		[km/h]	44	44	44	44	35	35	44	44	35	35	
maximum negotiable slope (with high-performance batteries)		[%]	30	30	32	27	35	30	30	25	35	30	
maximum autonomy (R101 test with 10.0kWh battery in SPORT mode: 74 km)	Lead-Acid 10 kWh	[km]	75	75	70	65	75	70					
	Lead-Acid 14.4 kWh	[km]							90	85	100	95	
	Gel 8.7 kWh	[km]	60	60	60	55	60	55					
	Gel 13.2 kWh	[km]							80	75	80	75	
	Lithium (LiFePO4) 10 kWh	[km]							80	75	80	75	
	Lithium (LiFePO4) 20 kWh	[km]							150	145	150	145	
DIMENSIONS													
A length (chassis version)		[mm]	2.860	3.220	3.220	3.980	3.220	3.980	3.220	3.980	3.220	3.980	
B length (version with cargo bed)		[mm]	3.030	3.530	3.530 (1) 3.730 (2)	4.290 (1) 4.490 (2)	3.530 (1) 3.730 (2)	4.290 (1) 4.490 (2)	3.530 (1) 3.730 (2)	4.290 (1) 4.490 (2)	3.530 (1) 3.730 (2)	4.290 (1) 4.490 (2)	
C vehicle cab width (without rear-view mirrors)		[mm]	1.215	1.215	1.215	1.215	1.215	1.215	1.215	1.215	1.215	1.215	
D vehicle cab width (with wing mirrors closed)		[mm]	1.380	1.380	1.380	1.380	1.380	1.380	1.380	1.380	1.380	1.380	
E vehicle cab width (with wing mirrors open)		[mm]	1.650	1.650	1.650	1.650	1.650	1.650	1.650	1.650	1.650	1.650	
F cab height (with standard tyres)		[mm]	1.890	1.890	1.890	1.890	1.890	1.890	1.890	1.890	1.890	1.890	
G vehicle height with beacon light (with standard tyres)		[mm]	1.980	1.980	1.980	1.980	1.980	1.980	1.980	1.980	1.980	1.980	
H wheelbase		[mm]	1.850	2.130	2.130 (1) 2.230 (2)	2.890 (1) 2.990 (2)	2.130 (1) 2.230 (2)	2.890 (1) 2.990 (2)	2.130 (1) 2.230 (2)	2.890 (1) 2.990 (2)	2.130 (1) 2.230 (2)	2.890 (1) 2.990 (2)	
I approach angle		[°]	40	40	40	40	40	40	40	40	40	40	
J departure angle		[°]	16	13	13 (1) 11 (2)	10 (1) 9 (2)	13 (1) 11 (2)	10 (1) 9 (2)	12 (1) 10 (2)	9 (1) 8 (2)	12 (1) 10 (2)	9 (1) 8 (2)	
K rear axle distance from ground		[mm]	130	130	130	130	130	130	130	130	130	130	
L maximum loading bed length		[mm]	1.400	1.800	1.800 (1) 2.000 (2)	1.800 (1) 2.000 (2)	1.800 (1) 2.000 (2)	1.800 (1) 2.000 (2)	1.800 (1) 2.000 (2)	1.800 (1) 2.000 (2)	1.800 (1) 2.000 (2)	1.800 (1) 2.000 (2)	
M maximum loading bed width		[mm]	1.400	1.500	1.500	1.500	1.500	1.500	1.500	1.500	1.500	1.500	
WEIGHTS | CAPACITY AND TOWING													
UVW | unloaded vehicle weight (chassis version with battery)	Lead-Acid 10 kWh	[kg]	890	900	930	1.050	935	1.055					
	Lead-Acid 14.4 kWh	[kg]							1.170	1.290	1.175	1.295	
	Gel 8.7 kWh	[kg]	890	900	930	1.050	935	1.055					
	Gel 13.2 kWh	[kg]							1.170	1.290	1.175	1.295	
	Lithium (LiFePO4) 10 kWh	[kg]							875	995	880	1000	
	Lithium (LiFePO4) 20 kWh	[kg]							965	1085	970	1.090	
GVW | gross vehicle weight (max weight for fully-loaded vehicle)		[kg]	1.510	1.510	2.150	2.150	2.510	2.510	2.150	2.150	2.510	2.510	
GCW | gross combined weight (max weight for fully-loaded vehicle + trailer)		[kg]	2.500	2.500	4.100	4.100	4.100	4.100	4.100	4.100	4.100	4.100	
maximum towing capacity (on road | braked trailer)		[kg]	1.200	1.200	2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000	
maximum traction power		[N]	2.800	2.800	5.230	5.230	6.500	6.500	5.230	5.230	6.500	6.500	
maximum towing capacity (not on road | braked trailer)		[kg]	2.000	2.000	3.000	3.000	4.500	4.000	3.000	3.000	4.500	4.000	
maximum chassis load capacity (= GVW - UVW)	Lead-Acid 10 kWh	[kg]	620	610	1.220	1100	1.575	1.455					
	Lead-Acid 14.4 kWh	[kg]							980	860	1.335	1.215	
	Gel 8.7 kWh	[kg]	620	610	1.220	1100	1.575	1.455					
	Gel 13.2 kWh	[kg]							980	860	1.335	1.215	
	Lithium (LiFePO4) 10 kWh	[kg]							1.275	1.155	1.630	1.510	
	Lithium (LiFePO4) 20 kWh	[kg]							1.185	1.065	1.540	1.420	
MOTOR | CONTROLLER													
48V AC asynchronous induction electric motor			·	·	·	·	·	·	·	·	·	·	
maximum motor power		[kW]	14	14	14	14	14	14	14	14	14	14	
maximum motor torque		[Nm]	113	113	113	113	113	113	113	113	113	113	
CURTIS 48V control electronics			·	·	·	·	·	·	·	·	·	·	
vehicle performance settings (ECO and SPORT)			·	·	·	·	·	·	·	·	·	·	
auxiliary cooling system for motor / controller			Δ	Δ	Δ	Δ	Δ	Δ	Δ	Δ	Δ	Δ	+ 2.0

· as standard Δ optional ! compatible but not type-approved for road circulation (1) vehicle with standard wheelbase (2) vehicle with long wheelbase

alkè ELECTRIC VEHICLES

ATX technical specifications

		310	320	330				340				weight [kg]
		E	E	E	ED	EH	EDH	E	ED	EH	EDH	
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	Δ	Δ	Δ	Δ	Δ	Δ	Δ	Δ	Δ	+ 7.0
minimum turning radius | internal	[mm]	2.300	2.600	2.600 (1) 2.620 (2)	4.110 (1) 4.130 (2)	2.600 (1) 2.620 (2)	4.110 (1) 4.130 (2)	2.600 (1) 2.620 (2)	4.110 (1) 4.130 (2)	2.600 (1) 2.620 (2)	4.110 (1) 4.130 (2)	
BODY | CHASSIS												
white body		·	·	·	·	·	·	·	·	·	·	
customised body colour		Δ	Δ	Δ	Δ	Δ	Δ	Δ	Δ	Δ	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	Δ	Δ	Δ	Δ	Δ	Δ	Δ	Δ	Δ	
forward gear buzzer activable from dashboard		Δ	Δ	Δ	Δ	Δ	Δ	Δ	Δ	Δ	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	Δ	Δ	Δ	Δ	Δ	Δ	Δ	Δ	Δ	+ 2.0
blue flashing LED on cab roof		Δ	Δ	Δ	Δ	Δ	Δ	Δ	Δ	Δ	Δ	+ 2.0
CAB | COMFORT												
timed heated windshield		·	·	·	·	·	·	·	·	·	·	
electric demister		Δ	Δ	Δ	Δ	Δ	Δ	Δ	Δ	Δ	Δ	+ 7.0
Webasto heating (as an alternative to electric demister)		Δ	Δ	Δ	Δ	Δ	Δ	Δ	Δ	Δ	Δ	+ 13.0
air-conditioning		Δ	Δ	Δ	Δ	Δ	Δ	Δ	Δ	Δ	Δ	+ 25.0
adjustable seats		·	·	·	·	·	·	·	·	·	·	
front doors		·	·	·	·	·	·	·	·	·	·	
front doors with sliding windows		Δ	Δ	Δ	Δ	Δ	Δ	Δ	Δ	Δ	Δ	+ 0.0
rear doors					·		·		·		·	
protective grids for front doors		Δ	Δ	Δ	Δ	Δ	Δ	Δ	Δ	Δ	Δ	+ 6.5
armrests		Δ	Δ	Δ	Δ	Δ	Δ	Δ	Δ	Δ	Δ	+ 3.5
headrests		·	·	·	·	·	·	·	·	·	·	
rear seat bench					!		!		!		!	+ 22.0
cab interior lighting		·	·	·	·	·	·	·	·	·	·	
car audio system AM/FM with USB and Bluetooth		Δ	Δ	Δ	Δ	Δ	Δ	Δ	Δ	Δ	Δ	
car audio system AM/FM/DAB/DAB+ with USB and Bluetooth		Δ	Δ	Δ	Δ	Δ	Δ	Δ	Δ	Δ	Δ	

· as standard Δ optional ! compatible but not type-approved for road circulation (1) vehicle with standard wheelbase (2) vehicle with long wheelbase

ATX technical specifications

					310	320	330				340				weight [kg]
					E	E	E	ED	EH	EDH	E	ED	EH	EDH	
rear speakers for 4-seats models								Δ		Δ		Δ		Δ	
openable front windscreen					·	·	·	·	·	·	·	·	·	·	
central door locks with remote control					Δ	Δ	Δ	Δ	Δ	Δ	Δ	Δ	Δ	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	Δ	Δ	Δ	Δ	Δ					
			Gel 13.2 kWh								Δ	Δ	Δ	Δ	
			Lithium (LiFePO4) 10 kWh								Δ	Δ	Δ	Δ	
			Lithium (LiFePO4) 20 kWh								Δ	Δ	Δ	Δ	
number of batteries			Lead-Acid 10 kWh		8x6V	8x6V	8x6V	8x6V	8x6V	8x6V					
			Lead-Acid 14.4 kWh								24x2V	24x2V	24x2V	24x2V	
			Gel 8.7 kWh		8x6V	8x6V	8x6V	8x6V	8x6V	8x6V					
			Gel 13.2 kWh								24x2V	24x2V	24x2V	24x2V	
			Lithium (LiFePO4) 10 kWh								1x48V	1x48V	1x48V	1x48V	
			Lithium (LiFePO4) 20 kWh								1x48V	1x48V	1x48V	1x48V	
estimated battery life			Lead-Acid 10 kWh	[cycles]	1.200	1.200	1.200	1.200	1.200	1.200					
			Lead-Acid 14.4 kWh	[cycles]							1.500	1.500	1.500	1.500	
			Gel 8.7 kWh	[cycles]	700	700	700	700	700	700					
			Gel 13.2 kWh	[cycles]							1.200	1.200	1.200	1.200	
			Lithium (LiFePO4) 10 kWh	[cycles]							2.000	2.000	2.000	2.000	
			Lithium (LiFePO4) 20 kWh	[cycles]							2.000	2.000	2.000	2.000	
estimated battery charge time			Lead-Acid 10 kWh	[hours]	8	8	8	8	8	8					
			Lead-Acid 14.4 kWh	[hours]							8	8	8	8	
			Gel 8.7 kWh	[hours]	11	11	11	11	11	11					
			Gel 13.2 kWh	[hours]							11	11	11	11	
			Lithium (LiFePO4) 10 kWh	[hours]							3.5	3.5	3.5	3.5	
			Lithium (LiFePO4) 20 kWh	[hours]							6.5	6.5	6.5	6.5	
			Lithium (LiFePO4) 10 kWh with quick charge	[hours]							1.5	1.5	1.5	1.5	
			Lithium (LiFePO4) 20 kWh with quick charge	[hours]							2.6	2.6	2.6	2.6	

· as standard Δ optional ! compatible but not type-approved for road circulation (1) vehicle with standard wheelbase (2) vehicle with long wheelbase

alkè ELECTRIC VEHICLES

ATX technical specifications

			310	320	330				340				weight
			E	E	E	ED	EH	EDH	E	ED	EH	EDH	[kg]
consumption for complete recharge	Lead-Acid 10 kWh	[kWh]	9	9	9	9	9	9					
	Lead-Acid 14.4 kWh	[kWh]							13	13	13	13	
	Gel 8.7 kWh	[kWh]	7.5	7.5	7.5	7.5	7.5	7.5					
	Gel 13.2 kWh	[kWh]							12	12	12	12	
	Lithium (LiFePO4) 10 kWh	[kWh]							8.4	8.4	8.4	8.4	
	Lithium (LiFePO4) 20 kWh	[kWh]							16.8	16.8	16.8	16.8	
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)								Δ	Δ	Δ	Δ	(ext.) +15.0
battery swap system	Lead-Acid 14.4 kWh								·	·	·	·	
	Gel 13.2 kWh								·	·	·	·	
battery top-up	Lead-Acid 10 kWh		Δ	Δ	Δ	Δ	Δ	Δ	Δ	Δ	Δ	Δ	+ 0.0
	Lead-Acid 14.4 kWh		Δ	Δ	Δ	Δ	Δ	Δ	Δ	Δ	Δ	Δ	+ 0.0
CONFIGURATIONS AND CARGO AREA ACCESSORIES													
dropside body with manual tipping (aluminium drop sides H30 cm)	130 x 123 cm		Δ										+ 105.0
	180 x 123 cm			Δ	Δ(1)	Δ(1)	Δ(1)	Δ(1)	Δ(1)	Δ(1)	Δ(1)	Δ(1)	+ 130.0
	200 x 140 cm				Δ(2)	Δ(2)	Δ(2)	Δ(2)	Δ(2)	Δ(2)	Δ(2)	Δ(2)	+ 160.0
flatbed for special configurations	130 x 123 cm		Δ										+ 80.0
	180 x 123 cm			Δ	Δ(1)	Δ(1)	Δ(1)	Δ(1)	Δ(1)	Δ(1)	Δ(1)	Δ(1)	+ 90.0
	200 x 140 cm				Δ(2)	Δ(2)	Δ(2)	Δ(2)	Δ(2)	Δ(2)	Δ(2)	Δ(2)	+ 120.0
mesh sides extension H55 cm with rear drop side with upwards opening	for body 130 x 123 cm		Δ										+ 25.0
	for body 180 x 123 cm			Δ	Δ(1)	Δ(1)	Δ(1)	Δ(1)	Δ(1)	Δ(1)	Δ(1)	Δ(1)	+ 29.0
	for body 200 x 140 cm				Δ(2)	Δ(2)	Δ(2)	Δ(2)	Δ(2)	Δ(2)	Δ(2)	Δ(2)	+ 30.0
COMBI mesh sides extension H55 cm 150 x 123 cm with rear drop side					Δ(2)	Δ(2)	Δ(2)	Δ(2)	Δ(2)	Δ(2)	Δ(2)	Δ(2)	+ 30.0
electro-hydraulic tipping for dropside body unit	for body 130 x 123 cm		Δ										+ 14.0
	for body 150 x 123 cm				Δ(2)	Δ(2)	Δ(2)	Δ(2)	Δ(2)	Δ(2)	Δ(2)	Δ(2)	
	for body 180 x 123 cm			Δ	Δ(1)	Δ(1)	Δ(1)	Δ(1)	Δ(1)	Δ(1)	Δ(1)	Δ(1)	+ 15.0
	for body 200 x 140 cm				Δ(2)	Δ(2)	Δ(2)	Δ(2)	Δ(2)	Δ(2)	Δ(2)	Δ(2)	+ 15.0
dropside body 180 x 123 cm with three side hydraulic tipping					Δ(1)	Δ(1)	Δ(1)	Δ(1)	Δ(1)	Δ(1)	Δ(1)	Δ(1)	+ 190.0
tarpaulin body H108 cm openable on three sides for dropside body	for body 130 x 123 cm		Δ										+ 25.0
tarpaulin body H108 cm openable on three sides for dropside body	for body 180 x 123 cm			Δ	Δ(1)	Δ(1)	Δ(1)	Δ(1)	Δ(1)	Δ(1)	Δ(1)	Δ(1)	+ 30.0
tarpaulin body H108 cm openable on three sides for dropside body	for body 200 x 140 cm				Δ(2)	Δ(2)	Δ(2)	Δ(2)	Δ(2)	Δ(2)	Δ(2)	Δ(2)	+ 35.0
custom colour for tarpaulin body			Δ	Δ	Δ	Δ	Δ	Δ	Δ	Δ	Δ	Δ	+ 0.0
tarpaulin body H110 cm for COMBI 150 x 123 cm dropside body					Δ(2)	Δ(2)	Δ(2)	Δ(2)	Δ(2)	Δ(2)	Δ(2)	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	Δ(1)	Δ(1)	Δ(1)	Δ(1)	Δ(1)	Δ(1)	Δ(1)	Δ(1)	+ 30.0
ambulance body equipped with spine board and box/seat for medical staff				!	!(1)	!(1)	!(1)	!(1)	!(1)	!(1)	!(1)	!(1)	+ 75.0
roof for ambulance body				Δ	Δ(1)	Δ(1)	Δ(1)	Δ(1)	Δ(1)	Δ(1)	Δ(1)	Δ(1)	+ 20.0
box van body H122 cm 180 x 125 cm with sliding doors (2 per side)				Δ	Δ(1)	Δ(1)	Δ(1)	Δ(1)	Δ(1)	Δ(1)	Δ(1)	Δ(1)	+ 130.0
box van body H122 cm 200 x 140 cm with sliding doors (2 per side)					Δ(2)	Δ(2)	Δ(2)	Δ(2)	Δ(2)	Δ(2)	Δ(2)	Δ(2)	+ 170.0
box van body with side roller shutters H132 cm 180 x 125 cm				Δ	Δ(1)	Δ(1)	Δ(1)	Δ(1)	Δ(1)	Δ(1)	Δ(1)	Δ(1)	+ 150.0
box van body with side roller shutters H132 cm 200 x 140 cm					Δ(2)	Δ(2)	Δ(2)	Δ(2)	Δ(2)	Δ(2)	Δ(2)	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	Δ(1)	Δ(1)	Δ(1)	Δ(1)	Δ(1)	Δ(1)	Δ(1)	Δ(1)	+ 8.0
	200 x 140 cm				Δ(2)	Δ(2)	Δ(2)	Δ(2)	Δ(2)	Δ(2)	Δ(2)	Δ(2)	+ 12.0
dropside body 150 x 123 cm COMBI					Δ(2)	Δ(2)	Δ(2)	Δ(2)	Δ(2)	Δ(2)	Δ(2)	Δ(2)	
COMBI storage box 45 x 125 cm H110 cm					Δ(2)	Δ(2)	Δ(2)	Δ(2)	Δ(2)	Δ(2)	Δ(2)	Δ(2)	
COMBI waste collection body (1.7 m3 version)					Δ(2)	Δ(2)	Δ(2)	Δ(2)	Δ(2)	Δ(2)	Δ(2)	Δ(2)	
watering unit with 600 L tank					Δ	Δ	Δ	Δ	Δ	Δ	Δ	Δ	+ 140.0
COMBI high pressure cleaner with 210 L tank and 20 m hose					Δ	Δ	Δ	Δ	Δ	Δ	Δ	Δ	
tail lift and dropside body 200 x 140 cm H30 cm with mesh sides extension H55 cm							Δ(2)	Δ(2)			Δ(2)	Δ(2)	+ 370.0
tail lift and box van body 200 x 140 cm							Δ(2)	Δ(2)			Δ(2)	Δ(2)	+ 390.0
Isothermal body H120 cm	180 x 123 cm			Δ	Δ(1)	Δ(1)	Δ(1)	Δ(1)	Δ(1)	Δ(1)	Δ(1)	Δ(1)	+ 120.0
Isothermal body H130 cm	200 x 140 cm				Δ(2)	Δ(2)	Δ(2)	Δ(2)	Δ(2)	Δ(2)	Δ(2)	Δ(2)	+ 140.0
refrigerated body 0 +4 °C with side and rear door	180 x 124 cm				Δ(1)	Δ(1)	Δ(1)	Δ(1)	Δ(1)	Δ(1)	Δ(1)	Δ(1)	+ 220.0
	200 x 140 cm				Δ(2)	Δ(2)	Δ(2)	Δ(2)	Δ(2)	Δ(2)	Δ(2)	Δ(2)	+ 250.0

· as standard Δ optional ! compatible but not type-approved for road circulation (1) vehicle with standard wheelbase (2) vehicle with long wheelbase

technical specifications

	310	320	330				340				weight
	E	E	E	ED	EH	EDH	E	ED	EH	EDH	[kg]
waste collection body 2.2m³			Δ(1)	Δ(1)	Δ(1)	Δ(1)	Δ(1)	Δ(1)	Δ(1)	Δ(1)	+ 200.0
waste collection body with bin lift system 2.2m³			Δ(1)	Δ(1)	Δ(1)	Δ(1)	Δ(1)	Δ(1)	Δ(1)	Δ(1)	+ 280.0
waste collection body 2.8m³			Δ(2)	Δ(2)	Δ(2)	Δ(2)	Δ(2)	Δ(2)	Δ(2)	Δ(2)	+ 240.0
waste collection body with bin lift system 2.8m³			Δ(2)	Δ(2)	Δ(2)	Δ(2)	Δ(2)	Δ(2)	Δ(2)	Δ(2)	+ 320.0
tarp system for waste collection body			Δ(1)	Δ(1)	Δ(1)	Δ(1)	Δ(1)	Δ(1)	Δ(1)	Δ(1)	+ 15.0
broom and dustpan holder kit			Δ	Δ	Δ	Δ	Δ	Δ	Δ	Δ	+ 8.0
semi-trailer coupling system fitting DIN Ø40 drawbar eyes			Δ	Δ	Δ	Δ	Δ	Δ	Δ	Δ	+ 60.0
reverse inching device for easy trailers coupling			Δ	Δ	Δ	Δ	Δ	Δ	Δ	Δ	+ 4.0
semi-trailer coupling system with fifth wheel fitting 2" kingpins			Δ	Δ	Δ	Δ	Δ	Δ	Δ	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	Δ	Δ	Δ	Δ	Δ	Δ	Δ	Δ	Δ	+ 3.5
automatic tow hitch fitting DIN Ø40			Δ	Δ	Δ	Δ	Δ	Δ	Δ	Δ	+ 15.0
front protective bumper	·	·	·	·	·	·	·	·	·	·	
rear 13 pin connector	·	·	·	·	·	·	·	·	·	·	
show plough hydraulic kit	Δ	Δ	Δ	Δ	Δ	Δ	Δ	Δ	Δ	Δ	+ 10.0
snow plough	!	!	!	!	!	!	!	!	!	!	+ 82.0
electric salt spreader	Δ	Δ	Δ	Δ	Δ	Δ	Δ	Δ	Δ	Δ	+ 50.0
anti-roll kit									Δ	Δ	+ 5.0
rear hydraulic kit	Δ	Δ	Δ	Δ	Δ	Δ	Δ	Δ	Δ	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	Δ	Δ	Δ	Δ	Δ	Δ	Δ	Δ	Δ	(ext.) +18.0

· as standard Δ optional ! compatible but not type-approved for road circulation (1) vehicle with standard wheelbase (2) vehicle with long wheelbase

alkè
ELECTRIC VEHICLES

With more than 25 years of experience and thousands of vehicles on the market, Alke' is a key player in the electric road and industrial vehicle industry at an international level. Its products are positioned at the high end of the market in terms of quality and performance and are now sold in more than 40 countries around the world covering all continents. Amongst its customers, Alke' is proud to be able to include big names in the industry, important organisations and exclusive locations.

25
25 years experience

a key player in the electric vehicle industry

dealers in more than 40 countries

thousands of vehicles sold worldwide

zero emission electric vehicles

TOP
quality, innovation and performance

100% made in Italy

Via Cile, 5
35127 Padua | Italy

+39 049 761208

info@alke.com

www.alke.com

ISO 9001:2015 - BN17607/17301
ISO 14001:2015 - BN17607/17302
OHSAS 18001:2007 - BN17607/17303

Rev. 190327