alkè
ELECTRIC VEHICLES

ATX
RANGE

ENGLISH

ELECTRIC VEHICLES

DELIVERING SOLUTIONS

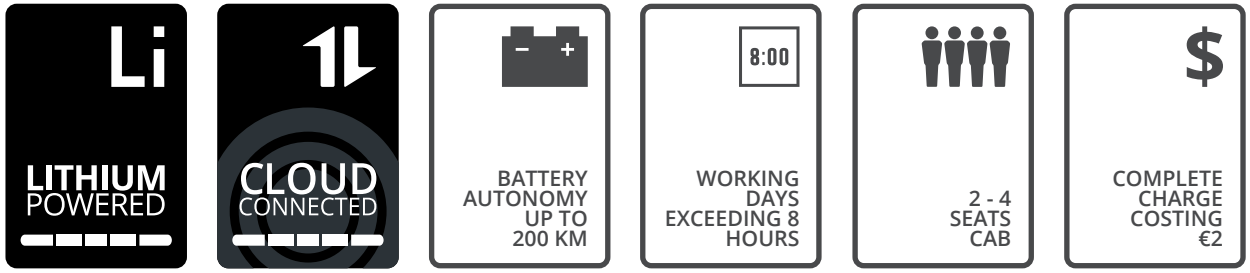
ATX RANGE • ELECTRIC VEHICLES

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.

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.



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.

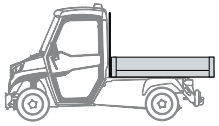
- CAN HANDLE SLOPES UP TO 35%
- LOAD CAPACITY UP TO 1,630 KG
- TOWING CAPACITY UP TO 4,500 KG
- FLEXIBLE AGILE
- HEAVY DUTY MECHANICS
- OFF-ROAD VERSION

HUNDREDS OF AVAILABLE SOLUTIONS

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

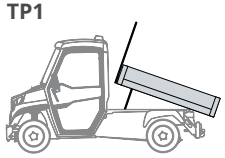
Alke' can develop special configurations upon request.

DR1



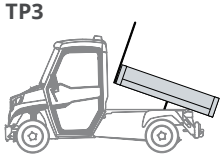
Dropside body

TP1



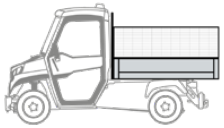
Dropside tipper body

TP3



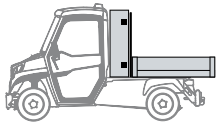
3-side tipper body

ME1



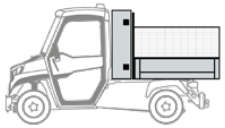
Dropside body with mesh sides extension

DR2



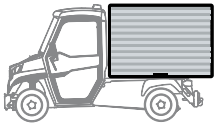
Dropside body with front storage box

ME2



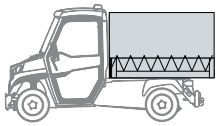
Dropside body with front storage box + mesh sides extension

BV2



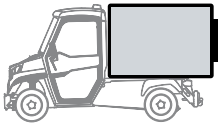
Box van body with roller shutter doors

TA1



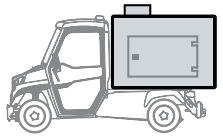
Tarpaulin body openable on three sides

IS1



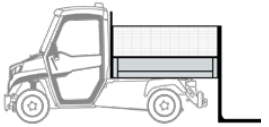
Isothermal body

RE1



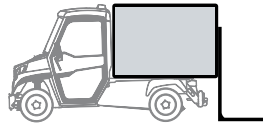
Refrigerated body 0 +4 °C

TL1



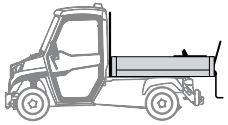
Tail lift and dropside body + mesh sides extension

TL2



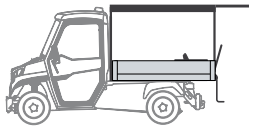
Tail lift and box van body

RS1



Rear seats kit

RS2

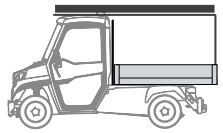


Rear seats kit with roof

RS3

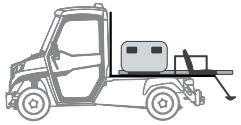
Box van body with double bench seats

LH1



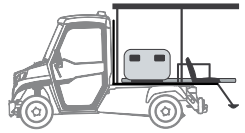
Roof ladder holder

AM1



Ambulance body

AM2

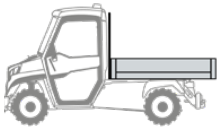


Ambulance body with roof

Off-road vehicles

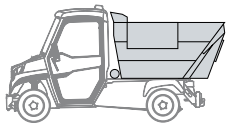
Vehicle with set-up and tyres for off-road use, also compatible with alternative cargo area configurations.

OR1



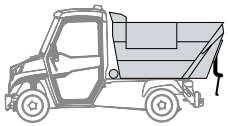
Off-road version

WA1



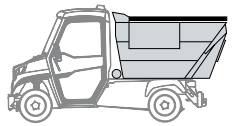
Waste collection body

WA2



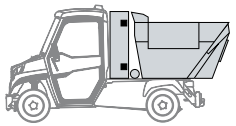
Waste collection body with rear bin lift system

WA3



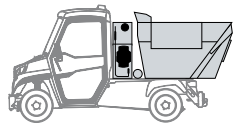
Waste collection body with tarp system

WA4



Waste collection body with front storage box

WA5

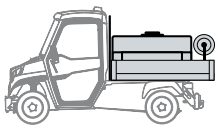


Waste collection body with high pressure washer

FF1

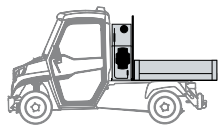
Water-based firefighting unit

WP1



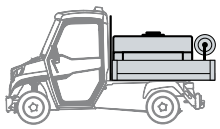
Watering unit

CL1



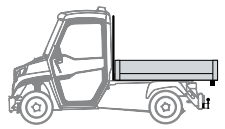
Cleaning unit with high pressure washer 210 L

CL2



Cleaning unit with high pressure washer 600 L

TW1

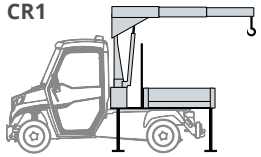


Hitch for airport operations with rear control panel

All the configurations presented are available for the vehicles with:

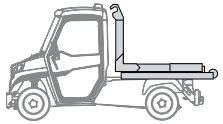
2-seat cab	4-seat cab
left-hand drive	right-hand drive

CR1



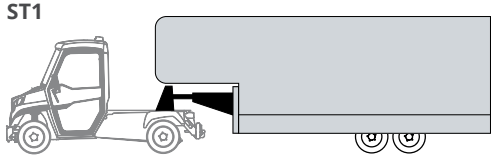
Dropside body
with crane

HO1



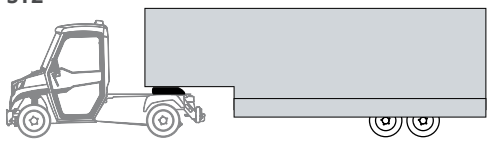
Hooklift

ST1



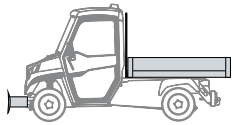
Semi-trailer coupling system
fitting DIN Ø40 drawbar eyes

ST2



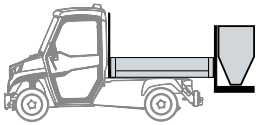
Semi-trailer coupling system
with fifth wheel fitting 2” kingpins

SN1



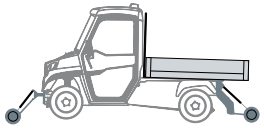
Front snow
plough

SN2



Rear salt
spreader

RL1



Rail-System for
rail truck conversion

Costumised
configurations

ATX RANGE	autonomy [km*]	load capacity [kg*]	cargo area [mm]	towing capacity on road [kg*]	towing capacity not on road [kg*]	cab seats [persons]
ATX 340E	200	1.275	2.000 X 1.400 1.800 x 1.230	2.000	3.000	
ATX 340EH	190	1.630	2.500 X 1.400 2.000 X 1.400 1.800 x 1.230	2.000	4.500	
ATX 340ED	190	1.155	2.000 X 1.400 1.800 x 1.230	2.000	3.000	
ATX 330E	64	1.220	2.000 X 1.400 1.800 x 1.230	2.000	3.000	
ATX 320E	72	610	1.800 x 1.230	1.200	2.000	
ATX 310E	72	620	1.300 x 1.230	1.200	2.000	

* Maximum indicative values under optimum conditions, refer to the data sheet on the following pages for additional or more detailed information.

DO YOU WANT THE BEST ON AND OFF-ROAD?

Choose the top of the range ATX 340E model with 20kWh lithium battery for on-road use with high autonomy or opt for its heavy-duty ATX 340EH version if you need maximum torque for off-road use or for intensive workloads in industrial environments.

Choose the load area configuration that best suits your needs with 3 different platform lengths available and dozens of open or closed layouts, including a combination version.

Increase driving comfort by adding EPS and cab air conditioning to your vehicle configuration.

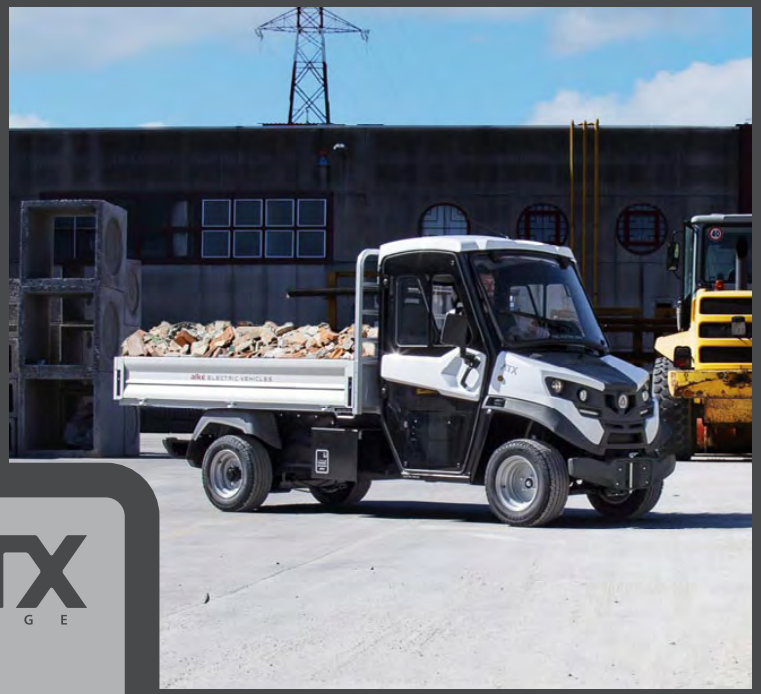
Allow your operations centre to follow the activities of your electric vehicle fleet with the ALKE' VBC package that connects you to the ALKE' Cloud for real-time remote monitoring and diagnostics of each vehicle on site.

Extend your operations with the optional fast charger for 24-hour operation.

Enable the movement of teams of up to 4 people with the dual cab design of the ATX 340ED and 340EDH.

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

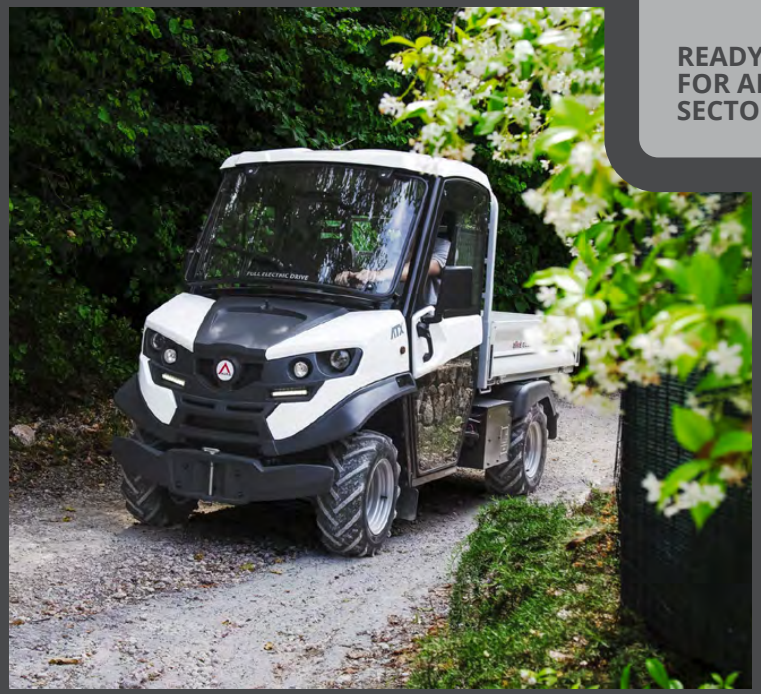
industrial plants, shipyards, logistical centres, ports and airports, inter-ports, railway stations, exhibition structures, postal and courier services, catering services, home delivery services, conference centres, shopping centres

ATX RANGE

READY FOR ANY SECTOR

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

CLOUD CONNECTED

KEEP TRACK OF YOUR VEHICLES

A powerful and easy-to-use fleet management platform developed for ALKE' electric utility vehicles.

Get a 360° fleet overview in real time to empower your daily operations and drive down your costs.

FLEET MANAGEMENT
Your operation at a glance.

REMOTE DASHBOARD
Easy view of your EV assets.

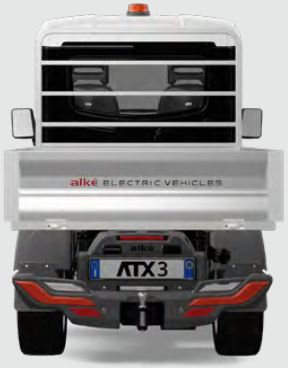
CROSS PLATFORM
Don't miss any record.

REPORTS
test drive, waste collection, activity map, vehicle's multi-stop route.

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.



L F G I J K H A B

C D E M

L F G I J K H A B

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	Lead-Acid 10 kWh	[km]	72	72	64	64	64	64					
(The max autonomy value reported is indicative and refers to	Lead-Acid 14.4 kWh	[km]							119	111	111	101	
homologation data collected on WLTP cycle basis (combined circuit)	Gel 8.7 kWh	[km]	61	61	54	54	54	54					
with an configuration Alke' ATX vehicle with basic flatbed configuration.)	Gel 13.2 kWh	[km]							101	94	94	86	
	Lithium (LiFePO4) 10 kWh	[km]							86	85	85	85	
	Lithium (LiFePO4) 20 kWh	[km]							200	190	190	181	
DIMENSIONS													
A length (chassis version)		[mm]	2.860	3.220	3.220	3.980	3.220	3.980	3.220	3.980	3.220 (1) (2) 3.720 (3)	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) 4.230 (3)	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 flashing LED on cab roof and 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) 2.630 (3)	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)(3)	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) 2.500 (3)	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) (2) 1.370 (3)	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 (1) (2) 1.030 (3)	1000	
	Lithium (LiFePO4) 20 kWh	[kg]							965	1085	970 (1) (2) 1.120 (3)	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) (2) 1.140 (3)	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) (2)	1.215	
	Lithium (LiFePO4) 10 kWh	[kg]							1.275	1.155	1.630 (1) (2) 1.480 (3)	1.510	
	Lithium (LiFePO4) 20 kWh	[kg]							1.185	1.065	1.540 (1) (2) 1.390 (3)	1.420	

· as standard Δ optional ! compatible but not type-approved for road circulation (1) standard wheelbase (2) long wheelbase for 200 cm or 50+150 cm COMBI (3) long wheelbase for 250 cm or 50+150 cm COMBI

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ATX technical specifications

		310	320	330				340				weight [kg]
		E	E	E	ED	EH	EDH	E	ED	EH	EDH	
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
Vehicle Body Computer (VBC)		Δ	Δ	Δ	Δ	Δ	Δ	Δ	Δ	Δ	Δ	
Smart VBC + 3Y data traffic		Δ	Δ	Δ	Δ	Δ	Δ	Δ	Δ	Δ	Δ	
12M STD Cloud Service license		Δ	Δ	Δ	Δ	Δ	Δ	Δ	Δ	Δ	Δ	
12M PRO Cloud Service license		Δ	Δ	Δ	Δ	Δ	Δ	Δ	Δ	Δ	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		·	·	·	·	·	·	·	·	·	·	
electromagnetic parking brake for ATX with hill-holder system								Δ	Δ	Δ	Δ	
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) 4.100 (3)	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
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

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ATX technical specifications

				310	320	330				340				weight [kg]
				E	E	E	ED	EH	EDH	E	ED	EH	EDH	
adjustable seats				·	·	·	·	·	·	·	·	·	·	
front doors				·	·	·	·	·	·	·	·	·	·	
front doors with sliding windows				Δ	Δ	Δ	Δ	Δ	Δ	Δ	Δ	Δ	Δ	+ 0.0
rear doors							·		·		·		·	
armrests				Δ	Δ	Δ	Δ	Δ	Δ	Δ	Δ	Δ	Δ	+ 3.5
headrests				·	·	·	·	·	·	·	·	·	·	
rear seat bench							!		!		!		!	+ 22.0
cab interior lighting				·	·	·	·	·	·	·	·	·	·	
sun visors				Δ	Δ	Δ	Δ	Δ	Δ	Δ	Δ	Δ	Δ	
rear-view camera with internal LCD color monitor				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	
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				·	·	·	·	·	·	·	·	·	·	
additional 48V-80Ah plug with switch control on dashboard				·	·	·	·	·	·	·	·	·	·	
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) standard wheelbase (2) long wheelbase for 200 cm or 50+150 cm COMBI (3) long wheelbase for 250 cm or 50+150 cm COMBI

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ATX technical specifications

			310	320	330				340				weight [kg]
			E	E	E	ED	EH	EDH	E	ED	EH	EDH	
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]							9	9	9	9	
	Lithium (LiFePO4) 20 kWh	[kWh]							18.5	18.5	18.5	18.5	
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
	250 x 140 cm										Δ(3)		+ 180.0
pair of side toolboxes											Δ(3)		+ 20.0
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
	for body 250 x 140 cm										Δ(3)		+ 40.0
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
	for body 250 x 140 cm										Δ(3)		+ 20.0
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
	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
	for body 200 x 140 cm				Δ(2)	Δ(2)	Δ(2)	Δ(2)	Δ(2)	Δ(2)	Δ(2)	Δ(2)	+ 35.0
	for body 250 x 140 cm										Δ(3)		+ 40.0
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
ladder rack for 124 cm wide body			Δ	Δ	Δ(1)	Δ(1)	Δ(1)	Δ(1)	Δ(1)	Δ(1)	Δ(1)	Δ(1)	+ 4.0
ladder rack for 140 cm wide body					Δ(2)	Δ(2)	Δ(2)	Δ(2)	Δ(2)	Δ(2)	Δ(2)(3)	Δ(2)	+ 5.0
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 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
2 shelves for box van body with side roller shutters	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)(3)	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)	+ 140.0
COMBI storage box 45 x 125 cm H110 cm with 2 doors on sides, locks and internal shelf installed in the front part of the cargo area just behind the cabin					Δ(2)	Δ(2)	Δ(2)	Δ(2)	Δ(2)	Δ(2)	Δ(2)(3)	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	Δ	Δ	Δ	+ 70.0
high pressure cleaner with 600L tank and 20 m hose											Δ		+ 150.0
fire-fighting module with 600 L tank and 50 m hose											Δ		+ 130.0
load lashing eyes on loading bed			Δ	Δ	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)	+ 370.0
tail lift and box van body 200 x 140 cm											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

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ATX technical specifications

		310	320	330				340				weight [kg]
		E	E	E	ED	EH	EDH	E	ED	EH	EDH	
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
COMBI waste collection body (1.7 m³ version)				Δ(2)	Δ(2)	Δ(2)	Δ(2)	Δ(2)	Δ(2)	Δ(2)	Δ(2)	+ 180.0
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
waste collection body 3.5m³										Δ(3)		+ 280.0
waste collection body with bin lift system 3.5m³										Δ(3)		+ 360.0
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
hydraulic crane coupled with 150x124 cm H30 cm dropside body										Δ(2)		+ 400.0
semi-trailer coupling system fitting DIN Ø40 drawbar eyes										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		+ 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)				!	!	!	!	!	!	!	!	
tyres puncture protection treatment		Δ	Δ	Δ	Δ	Δ	Δ	Δ	Δ	Δ	Δ	
spare wheel (provided separately)		Δ	Δ	Δ	Δ	Δ	Δ	Δ	Δ	Δ	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.

· as standard Δ optional ! compatible but not type-approved for road circulation (1) standard wheelbase (2) long wheelbase for 200 cm or 50+150 cm COMBI (3) long wheelbase for 250 cm or 50+150 cm COMBI

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