



ATX 330ED

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
	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]	—

(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.)

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 flashing LED on cab roof and standard tyres)	[mm]	1.980	
H wheelbase	[mm]	2.890 ⁽¹⁾ 2.990 ⁽²⁾	
I approach angle	[°]	40	

weight
[kg]

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weight
[kg]

J departure angle	[°]	10 ⁽¹⁾ 9 ⁽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]	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]	—	



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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
Vehicle Body Computer (VBC)	Δ
Smart VBC + 3Y data traffic	Δ
12M STD	Δ
Cloud Service license	Δ
12M PRO	Δ
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	•
electromagnetic parking brake for ATX with hill-holder system	—

STEERING	
rack and pinion steering	•
electric power steering (EPS)	Δ

minimum turning radius internal	[mm]	4.110 ⁽¹⁾ 4.130 ⁽²⁾	+ 7.0
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BODY CHASSIS	
white body	•
customised body colour	Δ
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
blue flashing LED on cab roof	Δ

CAB COMFORT	
timed heated windshield	•
electric demister	Δ
Webasto heating (as an alternative to electric demister)	Δ
air-conditioning	Δ
adjustable seats	•

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weight
[kg]

front doors	•
front doors with sliding windows	Δ
rear doors	•
armrests	Δ
headrests	•
rear seat bench	!
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	•
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	indicators	doors lock	brake oil shortage	•
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warning lights	lifted cargo bed	heated windshield	side lights	•
	low beam headlights	headlights	rear fog light	•

warning lights	electric demister	EPS	Webasto fuel shortage	•
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warning lights	beacon light	battery on charge status	electric motor overheating	•
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warning lights	forward gear	backward gear	neutral gear	•
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emergency lights	aux 1	aux 2	•
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BATTERY		type / capacity		
type	Lead-Acid	14.4 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	—
estimated battery life	Lithium (LiFePO4)	10 kWh	—	
	Lithium (LiFePO4)	20 kWh	—	
	Lead-Acid	10 kWh	[cycles] 1.200	
	Lead-Acid	14.4 kWh	[cycles] —	
	Gel	8.7 kWh	[cycles] 700	
	Gel	13.2 kWh	[cycles] —	
estimated battery life	Lithium (LiFePO4)	10 kWh	[cycles] —	
	Lithium (LiFePO4)	20 kWh	[cycles] —	



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weight
[kg]

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)	—	+15.0 ^(E)
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
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⁾	+ 190.0

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weight
[kg]

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
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
ladder rack for 124 cm wide body		Δ ⁽¹⁾	+ 4.0
ladder rack for 140 cm wide body		Δ ⁽²⁾	+ 5.0
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
2 shelves for box van body with side roller shutters	180x123 cm	Δ ⁽¹⁾	+ 8.0
	200x140 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 with 2 doors on sides, locks and internal shelf installed in the front part of the cargo area just behind the cabin		Δ ⁽²⁾	+ 50.0
watering unit with 600 L tank		—	+ 140.0
COMBI high pressure cleaner with 210 L tank and 20 m hose		—	+ 70.0
high pressure cleaner with 600L tank and 20 m hose		—	+ 150.0
fire-fighting module with 600 L tank and 50 m hose		—	+ 130.0
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 123 cm	Δ ⁽¹⁾	+ 220.0
	200 x 140 cm	Δ ⁽²⁾	+ 250.0
COMBI waste collection body (1.7 m³ version)		Δ ⁽²⁾	+ 180.0
waste collection body 2.2m³		Δ ⁽¹⁾	+ 200.0
waste collection body with bin lift system 2.2m³		Δ ⁽¹⁾	+ 280.0
waste collection body 2.8m³		Δ ⁽²⁾	+ 240.0
waste collection body with bin lift system 2.8m³		Δ ⁽²⁾	+ 320.0
waste collection body 3.5m³		—	+ 280.0
waste collection body with bin lift system 3.5m³		—	+ 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		—	+ 60.0



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weight
[kg]

reverse inching device for easy trailers coupling	Δ	+ 4.0
semi-trailer coupling system with fifth wheel fitting 2" kingpins	—	+ 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 and 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	+18.0 ^(E)



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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