



ATX 440M



DR1



1.425 mm

1.480 mm

1.680 mm



1.500 mm



2.700 mm

3.950 mm

4.080 mm

165 mm

1.920 mm

1.990 mm

ATX 440M

SEATS INSIDE THE CAB:

TYPE-APPROVAL

		kg
EU on-road type-approval	N1	
Right hand drive	-	+0

PERFORMANCE

		kg
Top speed	km/h	54
Top speed - 40 km/h	-	
Maximum negotiable slope (with high-performance batteries)	%	30
Max. autonomy - Lead-Acid 14.4 kWh	km	-
Max. autonomy - Gel 13.2 kWh	km	-
Max. autonomy - Lithium (LiFePO4) 10 kWh	km	-
Max. autonomy - Lithium (LiFePO4) 11,8 kWh	km	111
Max. autonomy - Lithium (LiFePO4) 20 kWh	km	-
Max. autonomy - Lithium (LiFePO4) 23,6 kWh	km	210

DIMENSIONS

		kg
A Length (chassis version)	mm	3.950
B Length (version with cargo bed)	mm	4.080
C Vehicle cab width (w/o rear-view mirrors)	mm	1.425
D Vehicle cab width (with wing mirrors closed)	mm	1.480
E Vehicle cab width (with wing mirrors open)	mm	1.680
F Cab height (with standard tyres)	mm	1.920
G Vehicle height (with flashing LED on cab roof and standard tyres)	mm	1.990
H Wheelbase	mm	2.700
I Approach angle	°	35
J Departure angle	°	27
K Rear axle distance from ground	mm	165
L Maximum loading bed length	mm	2.000
M Maximum loading bed width	mm	1.500

WEIGHTS, CAPACITIES AND TOWING

	kg	kg
UWV unloaded vehicle weight chassis version with Lead-Acid 14.4 kWh battery	kg	-
UWV unloaded vehicle weight chassis version with Gel 13.2 kWh	kg	-
UWV unloaded vehicle weight chassis version with Lithium (LiFePO4) 10 kWh battery	kg	-
UWV unloaded vehicle weight chassis version with Lithium (LiFePO4) 11,8 kWh battery	kg	1.180
UWV unloaded vehicle weight chassis version with Lithium (LiFePO4) 20 kWh battery	kg	-
UWV unloaded vehicle weight chassis version with Lithium (LiFePO4) 23,6 kWh battery	kg	1.250
GVW gross vehicle weight max weight for fully-loaded vehicle	kg	2.300 2.700
GCV gross combined weight max weight for fully-loaded vehicle + trailer	kg	4.250
Max towing capacity (on road braked trailer)	kg	2.000
Max towing capacity (not on road braked trailer)	kg	4.500
Max chassis load capacity (= GVW - UWV) Lead-Acid 14.4 kWh	kg	-
Max chassis load capacity (= GVW - UWV) Gel 13.2 kWh	kg	-
Max chassis load capacity (= GVW - UWV) Lithium (LiFePO4) 10 kWh battery	kg	-
Max chassis load capacity (= GVW - UWV) Lithium (LiFePO4) 11,8 kWh battery	kg	1.540
Max chassis load capacity (= GVW - UWV) Lithium (LiFePO4) 20 kWh battery	kg	-
Max chassis load capacity (= GVW - UWV) Lithium (LiFePO4) 23,6 kWh battery	kg	1.470

• As standard.

Δ Optional.

! Compatible but not type-approved for road circulation.

- Not available.

1 Standard wheelbase for 1.800 mm bodies.

2 Long wheelbase for 2.000 mm or 500+1.500 mm COMBI bodies.

3 Long wheelbase for 2.500 mm or 500+1.500 cm COMBI bodies.



MOTOR AND CONTROLLER		kg
48V AC asynchronous induction electric motor	•	
Maximum motor power	kW	23
Maximum motor torque	Nm	145
CURTIS 48V control electronics	•	
Vehicle performance settings (ECO and SPORT)	•	
Auxiliary cooling system for motor	•	+2
Vehicle Body Computer (VBC)	Δ	
Smart VBC + 3Y data traffic	Δ	
12M STD Cloud Service license	Δ	
12M PRO Cloud Service license	Δ	

TRANSMISSION		kg
Transmission with electronic speed variation	•	
Rear wheel drive	•	
2 wheel drive	•	
4 wheel drive	-	
Heavy duty differential unit	•	

SUSPENSIONS		kg
MacPherson-type independent front suspension	•	
Rear suspension with coil springs, shock absorbers and stabilizer bar	•	

BRAKES		kg
Front hydraulic discs brakes and rear hydraulic drum brakes	-	
Hydraulic front disc brakes with 4-piston calipers	•	
Rear hydraulic drum brakes with mechanical servobrake	-	
Rear drum brakes	•	
Parking brake	•	
Regenerative brake	•	
Electromagnetic parking brake with hill-holder system	Δ	

STEERING		kg
Rack and pinion steering	•	
Electric power steering (EPS)	•	+7
Minimum turning radius internal	mm	3.500

BODY AND CHASSIS		kg
White body colour	•	
Custom RAL body colour	Δ	+0
High-strength steel frame	•	
Impact-resistant polyethylene front and rear bumpers	•	

SAFETY		kg
3-point seat belt for driver and passenger(s)	•	
Immobilizer and presence sensor on driver's seat	-	
Presence sensor and seat belt on all seats	•	
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		kg
Full LED front and rear lights	•	
Electric headlight height adjustment	•	
Full LED rear lights	•	
Rear fog light and LED reversing light	•	
LED DRL lights	•	
Orange flashing LED on cab roof	Δ	+2
Blue flashing LED on cab roof	Δ	+2
Rear LED work lights	Δ	+2

CAB COMFORT		kg
Timed heated windshield	•	
Electric demister	Δ	+7
Webasto heating (as an alternative to electric demister)	Δ	+13
Semi-automatic climate control (heating + cooling)	Δ	+25
Air conditioning	-	+25
Adjustable seats (sliding + reclining)	•	
Front doors	-	
Front doors with sliding windows	•	+0
Rear doors	-	
Armrests	-	+3.5
Headrests	•	
Cab interior lighting	•	
Sun visors	•	
Car audio system AM/FM/DAB/DAB+ / USB / Bluetooth	Δ	
USB Type A+C connector on your board	•	
Openable front windscreen	•	
Central door locks with remote control	Δ	
Windscreen wiper with windscreen washer	•	

DASHBOARD		kg
ECO / SPORT selector	•	
12V 10A socket	-	
Additional 48V-80Ah plug (switch control on dashboard)	Δ	+2
Speedometer (km / mph)	•	
Hour meter	•	

Indicators : battery capacity • battery state of charge • current delivered by inverter • inverter errors • inverter temperature • motor temperature

Dashboard LCD colour display	-	
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Warning lights: aux 1 • aux 2 • backward gear • battery on charge status • beacon light • brake oil shortage • directional lights • doors lock • electric demister • electric motor overheating • emergency lights • EPS • forward gear • headlights • heated windshield • indicators doors • lifted cargo bed • low beam headlights • neutral gear • power steering • rear fog light • side lights • Webasto fuel shortage

Dashboard LCD colour touch screen display	•	
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Warning lights: air conditioning • aux 1 • aux 2 • backward gear • battery on charge status • beacon light • brake oil shortage • directional lights • doors closure • electric demister • electric motor overheating • emergency lights • forward gear • handbrake engaged • headlights • heated seat • heated windshield • lifted cargo bed • low beam headlights • neutral gear • power steering • rear fog light • safety doors lock • seat belt reminder • service • side lights • Webasto fuel shortage

BATTERIES AND CHARGING		kg
Lead-Acid 14.4 kWh		
Number of batteries	-	
Estimated battery life	cycles	-
Estimated battery charge time	hours	-
Consumption for complete recharge	kWh	-
Gel 13.2 kWh		
Number of batteries	-	
Estimated battery life	cycles	-
Estimated battery charge time	hours	-
Consumption for complete recharge	kWh	-
Lithium (LiFePO4) 10 kWh		
Number of batteries	-	
Estimated battery life	cycles	-
Estimated battery charge time	hours	-
Consumption for complete recharge	kWh	-

• As standard.

Δ Optional.

! Compatible but not type-approved for road circulation.

- Not available.

1 Standard wheelbase for 1.800 mm bodies.

2 Long wheelbase for 2.000 mm or 500+1.500 mm COMBI bodies.

3 Long wheelbase for 2.500 mm or 500+1.500 cm COMBI bodies.



Lithium (LiFePO4) 11,8 kWh		•	
Number of batteries		1x51,2V	
Estimated battery life	cycles	3.500	
Estimated battery charge time	hours	3,5	
Consumption for complete recharge	kWh	11	
Lithium (LiFePO4) 20 kWh		-	
Number of batteries		-	
Estimated battery life	cycles	-	
Estimated battery charge time	hours	-	
Consumption for complete recharge	kWh	-	
Lithium (LiFePO4) 23,6 kWh		Δ	
Number of batteries		1x51,2V	
Estimated battery life	cycles	3.500	
Estimated battery charge time	hours	7	
Consumption for complete recharge	kWh	22	
12 V services auxiliary battery		•	
Type 2 charging cable - Type 2		Δ	
Type 2 charging cable - Schuko (230V 10A)		Δ	
Battery charge on vehicle (active PFC - 230V 16A 50-60Hz power supply)		•	
External quick battery charge (Lithium only) (power supply 380V 16A 50-60Hz)		-	
Battery swap system - Lead-Acid 14.4 kWh		-	
Battery swap system - Gel 13.2 kWh		-	
CARGO AREA			kg
1.500x1.400 mm S dropside body (aluminium drop sides H30 cm)		-	+120
1.800x1.230 mm E dropside body (aluminium drop sides H30 cm)		-	+130
2.000x1.400 mm M dropside body (aluminium drop sides H30 cm)		Δ	+160
2.500x1.400 mm L dropside body (aluminium drop sides H30 cm)		-	+180
Pair of side toolboxes		•	+20
1.500x1.400 mm S mesh sides extension H55cm with rear drop side with upwards opening		-	+30
1.800x1.230 mm E mesh sides extension H55cm with rear drop side with upwards opening		-	+29
2.000x1.400 mm M mesh sides extension H55cm with rear drop side with upwards opening		Δ	+30
2.500x1.400 mm L mesh sides extension H55cm with rear drop side with upwards opening		-	+40
1.500x1.400 mm S electro-hydraulic tipping for dropside body unit		-	+20
1.800x1.230 mm E electro-hydraulic tipping for dropside body unit		-	+15
2.000x1.400 mm M electro-hydraulic tipping for dropside body unit		Δ	+15
2.500x1.400 mm L electro-hydraulic tipping for dropside body unit		-	+20
1.800x1.230 mm E with three side hydraulic tipping for dropside body unit		-	+190
Removable rear seats kit with two independent seats, platform and 2-points seat belts		-	+45
Tarpaulin roof H105 for rear seats kit		-	+30
Ambulance body equipped with spine board and box/seat for medical staff mounted on 1.800x1.230 mm dropside body		-	+75
Roof for ambulance body		-	+20
1.500x1.400 mm S tarpaulin body H108 openable on three sides for dropside body unit		-	+30
1.800x1.230 mm E tarpaulin body H108 openable on three sides for dropside body unit		-	+30
2.000x1.400 mm M tarpaulin body H108 openable on three sides for dropside body unit		Δ	+35
2.500x1.400 mm L tarpaulin body H108 openable on three sides for dropside body unit		-	+40
Ladder rack for 1.240 mm dropside body unit		-	+4
Ladder rack for 1.400 mm dropside body unit		Δ	+5
1.800x1.260 mm E box van body with side roller shutters H122 cm		-	+150
2 shelves for 1.800x1.260 mm E box van body with side roller shutters H122 cm		-	+8
2.000x1.400 mm M box van body with side roller shutters H132 cm		Δ	+180
2 shelves for 2.000x1.400 mm M box van body with side roller shutters H132 cm		-	+12

Rear tail lift + 2.000x1.400 mm M dropside body (aluminium drop sides H30 cm)	Δ	+370
Rear tail lift + 2.500x1.400 mm L dropside body (aluminium drop sides H30 cm)	-	
Rear tail lift + 2.000x1.400 mm M box van body	Δ	+390
Rear tail lift + 2.500x1.400 mm L box van body	-	
1.800x1.230 mm E isothermal body H130 cm	-	+120
2.000x1.400 mm M isothermal body H130 cm	Δ	+140
1.800x1.230 mm E refrigerated body 0+4 °C with side and rear door	-	+220
2.000x1.400 mm M refrigerated body 0+4 °C with side and rear door	Δ	+250
1.500x1.400 mm S 2.2m³ waste collection body	-	+200
1.500x1.400 mm S 2.2m³ waste collection body with rear bin lift system and rear-view camera	-	+280
2.000x1.400 mm M 2.8m³ waste collection body	Δ	+240
2.000x1.400 mm M 2.8m³ waste collection body with rear bin lift system and rear-view camera	Δ	+320
2.500x1.400 mm L 3.5m³ waste collection body	-	+280
2.500x1.400 mm L 3.5m³ waste collection body with rear bin lift system and rear-view camera	-	+360
2.500x1.400 mm L 3.5m³ waste collection body with compactor, rear bin lift system and rear-view camera	-	
Tarp system for S 2.2m³ waste collection body	-	+15
Tarp system for M 2.8m³ waste collection body	Δ	
Tarp system for L 3.5m³ waste collection body	-	
Broom and dustpan holder kit	Δ	+8
Rear bumpers for waste collection body	Δ	
Rear bumpers for waste collection body with rear bin lift system	Δ	
Watering unit with 600 L tank	Δ	+140
Cleaning unit with high pressure washer 600 L tank and 20 m hose	Δ	+150
Fire-fighting module with 600 L tank and 50 m hose	Δ	+130
Hydraulic crane + 1.500x1.240 mm D dropside body unit	-	+540
Hydraulic crane + 2.000x1.400 mm M dropside body unit	Δ	+650
Hydraulic crane + 2.500x1.400 mm L dropside body unit	-	+650
Semi-trailer coupling system S	-	+100
Semi-trailer coupling system M	Δ	+100
Load lashing eyes on loading bed	Δ	
CARGO AREA - COMBI CONFIGURATIONS		kg
COMBI storage box 450 x 1.250 mm H110 cm + 1.500x1.230 mm D dropside body	-	
COMBI storage box 450 x 1.400 mm H110 cm + 1.500x1.400 mm S dropside body	Δ	
COMBI storage box 450 x 1.250 mm H110 cm + 1.800x1.230 mm E dropside body	-	+180
COMBI storage box 450 x 1.250 mm H110 cm + 2.000x1.400 mm M dropside body	-	+210
COMBI storage box 450 x 1.400 mm H110 cm + 2.000x1.400 mm M dropside body	-	+210
COMBI storage box 450 x 1.250 mm H110 cm + 1.500x1.230 mm S 1.7m³ waste collection body	-	+230
COMBI storage box 450 x 1.250 mm H110 cm + 1.500x1.400 mm S 2.2m³ waste collection body	-	+250
COMBI storage box 450 x 1.400 mm H110 cm + 1.500x1.400 mm S 2.2m³ waste collection body	-	+250
COMBI storage box 450 x 1.250 mm H110 cm + 2.000x1.400 mm M 2.8m³ waste collection body	-	+290
COMBI storage box 450 x 1.400 mm H110 cm + 2.000x1.400 mm M 2.8m³ waste collection body	Δ	+290
COMBI storage box 450 x 1.250 mm H110 cm + 2.500x1.400 mm L 3.5m³ waste collection body	-	+330
COMBI storage box 450 x 1.400 mm H110 cm + 2.500x1.400 mm L 3.5m³ waste collection body	-	+330
COMBI high pressure cleaner with 210 L tank and 20 m hose + 1.500x1.230 mm D dropside body	-	+210

• As standard.

Δ Optional.

! Compatible but not type-approved for road circulation.

- Not available.

1 Standard wheelbase for 1.800 mm bodies.

2 Long wheelbase for 2.000 mm or 500+1.500 mm COMBI bodies.

3 Long wheelbase for 2.500 mm or 500+1.500 mm COMBI bodies.



COMBI high pressure cleaner with 210 L tank and 20 m hose + 1.500x1.400 mm S dropside body	Δ	+210
COMBI high pressure cleaner with 210 L tank and 20 m hose + 1.800x1.230 mm E dropside body	-	+ 200
COMBI high pressure cleaner with 210 L tank and 20 m hose + 2.000x1.400 mm M dropside body	-	+230
COMBI high pressure cleaner with 210 L tank and 20 m hose + D 1.7m³ waste collection body	-	+250
COMBI high pressure cleaner with 210 L tank and 20 m hose + S 2.2m³ waste collection body	-	+270
COMBI high pressure cleaner with 210 L tank and 20 m hose + M 2.8m³ waste collection body	Δ	+310
COMBI high pressure cleaner with 210 L tank and 20 m hose + L 3.5m³ waste collection body	-	+350
FRONT AND REAR ACCESSORIES		kg
Snow plough hydraulic kit	Δ	+10
Snow plough hydraulic kit with independent electro-hydraulic unit	Δ	
Snow plough	!	+82
Electric salt spreader	Δ	+50
Ball trailer hitch	•	
Ball & pin trailer hitch	Δ	+3.5
Automatic tow hitch fitting DIN Ø40 drawbar eyes	Δ	
Reverse inching device for easy trailers coupling	Δ	+4
Anti-roll kit	•	+5
Rear hydraulic kit	-	+4
TYRES		kg
225/55 R12 low-profile road tyres	-	
175/70 R14 road tyres	-	
175/75 R14 / 185/75 R14 road tyres	-	
175/70 R14 road winter tyres	-	
175/75 R14 / 185/75 R14 road winter tyres	-	
23x8.50-12 6PR front and 23x10.50-12 8PR rear turf tyres	-	
185/75 R14 off-road tyres	-	
23x8.50-12 4PR front and 23x10.50-12 8PR rear off-road tyres	-	
205/70 R15 road tyres (ECO)	•	
205/70 R15 off-road tyres	Δ	
205/70 R15 winter tyres	Δ	
205/70 R15 M+S 4-season tyres	Δ	
Alloy rims on OE wheel sets	Δ	
Snow chains for road tyres	Δ	
Tyre puncture protection treatment	Δ	
Spare wheels (provided separately)	Δ	
Spare wheel with alloy rims	Δ	



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 a 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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