



	Characteristics	Notes
Motor / Performances		
Type	AC electric motor	AC motors allow greater performance, they are extremely quiet and require less maintenance than DC motors.
Power in standard conditions	12 kW / 72 V	Available power and torque are really for professional and intensive use.
Max. power	24 kW	Max power to face slopes and towing jobs.
Torque	230Nm	Motor torque equal, to give an example, to the torque supplied by a Common Rail 1.600cc TDI engine.
Maximum speed	56 km/h 30 km/h (reduced gear)	The mechanical reduced gear allows to make the most of the available torque, greater negotiable slopes and towing power. The maximum speed is indicative and evaluated on flat ground under optimal conditions of usage in SPORT mode.
Approved towing capacity	1.500 kg	Towing capacity approved for road circulation at EU level. Trailers used must have repulsion brakes and must be according to law with a maximum vertical weight of 120kg on the towbar.
Maximum towing capacity	4.000 kg	Maximum towing capacity under optimal conditions of usage, not for public road use. Trailers used must have repulsion brakes and must be according to law with a maximum vertical weight of 120kg on the towbar.
Controller type and max output power	CURTIS 360 A	Top quality controller monitored by the 7" on board display.
Setting vehicle's performances	4 settings controlled from dashboard (eco, sport, climbing, towing)	Allows setting of vehicle performance directly from the dashboard 4 position specific selector.
Performance recording and Remote diagnosis system	Yes (needs specific Alkè remote service pack activated)	Enables remotely or by connecting a laptop via USB the recording and analysis of consumption/performance on a particular route or remote diagnostics of electronic devices on the vehicle.
Battery pack		
Type of batteries	13 kWh pure-lead (std) 18 kWh lead-acid (opt) 26 kWh pure-lead (opt)	Pure-lead batteries are maintenance free batteries they provide great results even at low temperatures. The lead-acid solution is supplied with centralized battery filling system. Estimated life for the lead-acid solution is 1.500 cycles, for pure-lead solutions 400 cycles, both calculated at 80% DOD.
Number of batteries	13 kWh: 6 x 12V - 18 kWh: 36 x 2V - 26 kWh: 12 x 12V	An independent 12V battery for services is supplied.
Autonomy with battery completely charged	13 kWh: 70 km max, 55 km average 18 kWh: 105 km max, 80 km average 26 kWh: 130 km max, 95 km average	The maximum is indicative and evaluated on flat route under optimal conditions of use, ECO mode with proper and energy-saver driving style, max speed 30km/h, not continuous use (discharge batteries in 5 hours). R101 test applied to the 13kWh battery solution with 500kg load and SPORT mode gives an autonomy of 55km.
Battery-charger onboard the vehicle	Yes, with on-board state of charge led indicator	With on-board charger the operator can connect anywhere.
Estimated battery charge time	13kWh: 9 hrs - 18kWh: 8 hrs - 26kWh: 13 hrs	Powered by a 230V 16A 50Hz socket.
External absorption for each charge	13kWh: 14.5kWh - 18kWh: 20kWh - 26kWh: 29kWh	

	Characteristics	Notes
Type of battery-charger	13kWh e 26kWh: High frequency battery charger with temperature sensor on batteries 18kWh: High frequency battery charger with active PFC	High frequency chargers allow better charging and increase the battery life. The solution with active PFC can charge faster with the same absorption from the electric grid.
Removable battery pack	Yes	Removable battery set enables non stop working through the day and night using 1 or more auxiliary battery set. You can switch between different sets with the support of an hand pallet truck (400 mm lift).
Transmission		
Type	Electronic speed variation + mechanical reduced gear	Mechanical reduced gear enable higher torque and power.
Driving	Permanent 4WD driving with triple differential	
Negotiable slope	22% standard gear / 46% reduced gear	The maximum slope is indicative and evaluated with empty vehicle in optimal conditions of usage on non-continuous ramps.
Front differential unit	Yes	
Rear differential unit	With removable semi-axle and differential lock	The unit with removable semi-axle doubles the dynamic load of the vehicle.
Central differential unit	Yes, with differential lock	The third differential allows perfect trajectory without dragging the tyres when cornering.
Brakes		
Front / Rear	Front hydraulic discs / Rear hydraulic drums	
Parking brake	Yes	
Regenerative brake	Yes	Regenerative brake ensures a lower energy consumption as well as high safety standards and perfect descent manoeuvrability. When the accelerator is released, braking starts and batteries recharge.
Electronic stability control	Yes	The electronic stability control system installed on XT vehicles is a preventative safety system that acts before the vehicle loses grip. Such system sets the motor's acceleration and, if necessary, activates the regenerative brake to control the attitude of the vehicle.
Suspensions		
Front	Double quadrilateral	Double quadrilateral suspension allows higher ride comfort and driving precision even in presence of difficult grounds.
Rear	De-Dion bridge + Stabilising bar	De-Dion axle permits softer ride, better axle articulation, better traction on all land-types.
Suspension type	Adjustable air suspension with on board compressor	Air suspension offers great driving comfort and constant contact to the ground. Suspension stability can be adjusted by dashboard (soft/rigid suspension).
Chassis and body		
Chassis	Steel chassis with anticorrosion treatment and powder coating finish	XT chassis have anticorrosion treatment by cataphoresis and powder coating. They are built to support hard duty operations.
Bodywork	Reinforced ABS	Standard colour bodies are pigmented at raw material level so in case of scratches and damages you don't see components below.
Front and rear towing hook	Yes. Rear tow hook with sphere attachment approved for road circulation (1.500 kg)	
Electronics and lighting system		
Heating	Electric defogger with 3 speeds (standard) / Webasto heating system (optional)	Electric defogger with electronic thermostat (1kW heating power). Webasto system (diesel) 2kW power.
Air conditioning	Optional	Air conditioning system with electronic thermostat (inverter technology).
Audio system	Yes	Audio system with CD/MP3 player.
12V socket on the vehicle	Yes	Enables to plug cell phones, radio, PC and other electric devices (15A / 180W max).

	Characteristics	Notes
Display	7" LCD with 4 direction arrows, "home" and "escape" keys and 40 functions/alerts monitored	The 7" LCD display provides control and diagnosis functions for the vehicle. When driving main screen indicates with proper icons alerts for: head lights, tail lights, indicators, emergency lights, rear fog lights, Webasto fuel shortage*, doors open, rotating lamp*, brake oil shortage, steering failure, lifted cargo bed*, hand brake, electric motor overheating, suspension failure, rear differential lock*, central differential lock*, standard/reduced gear, forward/backward/neutral gear. Specific digital gauges indicate: motor temperature, performance setting, external temperature, time, data, motor hourmeter, odometer, tachometer, trip meter (total and partial), suspension pressure, battery indicator, eco-meter (indicator for energy consumed / regenerated). * if installed
Lights	Head lights, tail lights, stop lights, indicators, emergency lights, reverse and rear fog lights, rotating light (optional)	LED technology applied on Daytime Running Lamps (DRL).
Horn / Reverse buzzer	Yes	
Rear 13 pin connector	Yes	
Dimensions, loading capacity and weights		
Length (chassis version)	3760 mm	
Length (with cargo bed)	3850 mm	
Width	1425 mm	1520 mm with closed side mirrors, 1700 mm with fully open side mirrors.
Height	2090 mm	With suspension to maximum pressure.
Wheel base	1950 mm	
Ground clearance	280 mm centre / 200 mm rear differential	
Cargo bed dimensions	2200 x 1430 mm	Height loading platform from the floor 880 mm, height sides 350 mm.
Loading capacity (chassis)	1250 kg	Chassis version with 13 kWh batteries, including the driver (-180 kg with 18 kWh batteries, -360 kg with 26 kWh batteries).
Loading capacity (cargo bed)	995 kg	Version with standard cargo bed with 13 kWh batteries, including the driver.
Empty weight with batteries (chassis)	1550 kg	Values for chassis version with 13 kWh batteries, including the driver (+255 kg with standard E cargo bed, +180 kg with 18 kWh batteries, +360 kg with 26 kWh batteries).
Steering		
Electric power steering	Yes	
Minimum steering radius (internal)	3030 mm	
Tyres		
Front and Rear	195/70 R15 Road tyres (std) 205/70 R15 Multi-terrain tyres (optional)	

Options and accessories

INTERIOR:

- right hand drive
- air conditioning system
- Webasto heating

BATTERY PACK:

- 18 kWh lead-acid battery pack
- 26 kWh pure-lead battery pack
- 13 kWh auxiliary battery pack + charger
- 18 kWh auxiliary battery pack + charger
- 26 kWh auxiliary battery pack + charger

FRONT AND REAR ATTACHMENTS:

- rear hydraulic kit
- snow blade
- front/ rear/ side steel protections

OTHER OPTIONS:

- alloy rims
- rotating light
- multi-terrain tyres

CARGO AREA:

- flat cargo bed
- cargo bed with drop sides
- aluminium bed liner
- steel mesh sides
- three sides tipping for cargo bed
- aluminium waste collection body
- bin lift system for waste body
- body tarp (grey tarp)
- custom colour for tarp
- box van with 2 shutters on sides
- shelves for box van

MAINTENANCE:

- remote service pack

Colours

White (RAL 9010)



Red (RAL 3002)



Metallic Grey (RAL 9006)



Orange (RAL 2011)



Green (RAL 6005)



Custom colour



The mentioned technical specifications (like performance, autonomy, dimensions etc.) can or will be depending on temperature, surface, driving style, options, cargo or usage of the vehicle. Data supplied are usually reported for use on flat ground under optimal conditions of usage, it means with unladen vehicle in the basic version with 13 kWh battery, smooth and paved road, outdoor temperature 25°C, fully charged batteries, on board electronic devices off without any other external consumption.

The technical specifications, design and performance of the products listed in this catalog are indicative and may undergo modifications without forewarning.