



	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	63 km/h 40 km/h (reduced gear)	The mechanical reduced gear allows to make the most of the available torque, greater negotiable slopes and towing power.
Approved towing capacity	1.500 kg	Towing capacity approved for road circulation at EU level (trailers used must have repulsion brakes).
Maximum towing capacity	3.000 kg	Effective maximum towing capacity (not for public road usage inside EU, trailers must have repulsion brakes).
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.
Remote diagnosis system	Yes, GPRS system (needs specific Alkè remote service pack activated)	Allows remote diagnosis using a GPRS data connection to check status of electronic devices on the vehicle.
Battery pack		
Type of batteries	Pure lead technology	Pure Lead batteries used on XT are maintenance free military grade batteries they provide great results even at low temperatures (at -20°C you lose 10% performance when standard lead acid lose at least 50%). Thanks to their sealed construction they are certified non-spillable by US DOT and IATA for unrestricted and safe shipping. These batteries are explosion proof and they employ a rugged military construction with same design used in armored vehicles to offer superior vibration resistance and durability.
Autonomy with battery completely charged	100 km 200 km with 26kWh battery pack	Autonomy in standard conditions is an entire working day (standard condition = 20°C, flat asphalted ground). Partial charging is possible, there is no "memory effect".
Battery capacity	13kWh (standard battery pack) or 26kWh (optional)	
Battery-charger onboard the vehicle	Yes	With on-board charger the operator can connect anytime and anywhere.
Estimated battery charge time	7 hours with 13kWh battery pack 12 hours with 26kWh battery pack	Powered by a 230V 16A socket.
External absorption for each charge	14.5kWh with single 13kWh battery pack 29kWh with double 26kWh battery pack	
Type of battery-charger	High frequency battery charger with temperature sensor on batteries	This type of charger enables best charging and increases battery life.
Number of batteries	13kWh configuration: 6x 12V pure lead batteries + 1x 12V service battery 26kWh configuration: 12x 12V pure lead batteries + 1x 12V service battery	

	Caratteristiche	Note
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	2WD (rear driving)	
Negotiable slope	18% standard gear / 40% reduced gear	XT vehicles provide great performance even in presence of slopes and difficult terrains.
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.
Front differential unit	No	
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	No	
Brakes		
Front / Rear	Front hydraulic discs / Rear hydraulic drums	
Parking brake	Yes	
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 cathodolysis 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 with 3 speeds (standard) / Webasto heating system (optional)	Electric heating 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).
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

	Caratteristiche	Notes
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	2050 mm (with Road tyres)	
Wheel base	1950 mm	
Ground clearance	255 mm centre / 185 mm rear differential	
Cargo bed dimensions	2200 x 1430 mm	Height loading platform from the floor 880 mm, height sides 350 mm.
Loading capacity	1.000 Kg (640Kg with 26kWh battery pack)	
Empty weight with batteries	1420 kg	Chassis version values.
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

<p>INTERIOR:</p> <ul style="list-style-type: none"> · right hand drive · air conditioning system · Webasto heating · heated seats <p>BATTERY PACK / MOTOR:</p> <ul style="list-style-type: none"> · 26kWh battery pack · 13kWh auxiliary battery pack + charger · 26kWh auxiliary battery pack + charger <p>FRONT AND REAR ATTACHMENTS:</p> <ul style="list-style-type: none"> · rear hydraulic kit · front hydraulic kit · snow blade · front/rear/side steel protections <p>OTHER OPTIONS:</p> <ul style="list-style-type: none"> · alloy rims · rotating light · multi-terrain tyres 	<p>CARGO AREA:</p> <ul style="list-style-type: none"> · 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 <p>MAINTENANCE:</p> <ul style="list-style-type: none"> · GPRS remote service pack
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Colours

Red (RAL 3002)



White (RAL 9010)



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.

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