

ETLANDER

MULTIFUNCTIONAL ELECTRIC VEHICLE



by **ETESIA**

ETLANDER

AT A GLANCE

MADE IN
FRANCE



Power source



Snow clearance



Waste collection



Cleaning



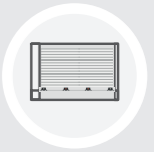
Watering



Irrigation



Loading



Logistics



ETLANDER ELECTRIC



PROTECT THE ENVIRONMENT

FOR CLEAN AND QUIET DRIVING:

- Zero CO² emissions
- Zero noise pollution



SILENT

- Ensures quiet driving and work without noise pollution



BATTERY

- Lithium
- Battery location offers a low centre of gravity and good weight distribution



EASY CHARGING

- Recharging time of the battery: 7h on standard power outlet (16A 230V) or on a charging station, simple plug



SECURITY

- Electronic management of vehicle start (RFID badge) and stop
- Pre-equipped for trflash installation (frequent stop)*

**Configuration to be planned at the time of purchase.*



AUTONOMOUS

- 1 working day
- 230V AC power outlet

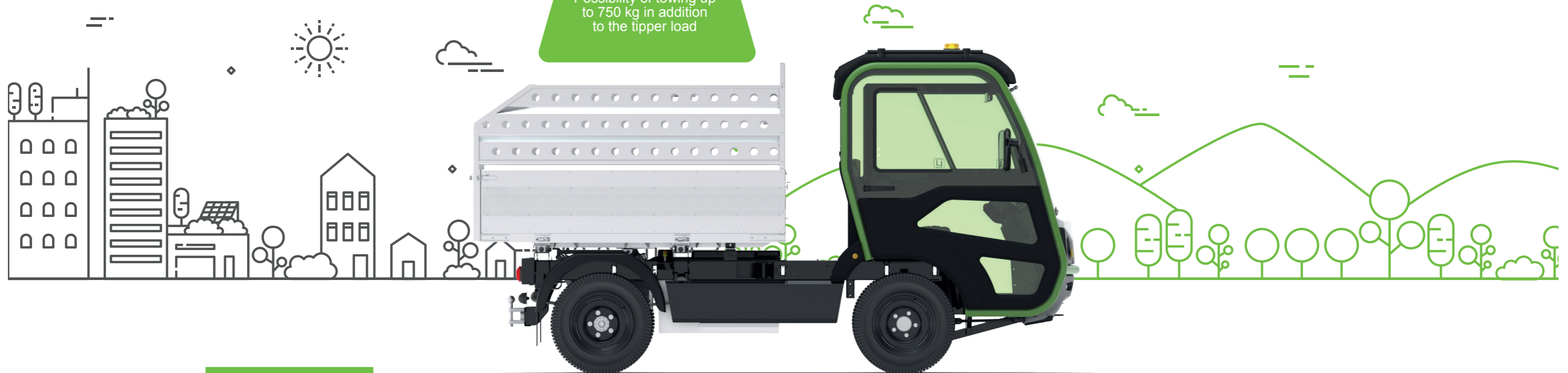


ET-LANDER OUTLANDISH

CAPACITY:
1,4 TON

Possibility of towing up
to 750 kg in addition
to the tipper load

DRIVE AND CROSS WITH EASE.



VERSATILE



SPEED:
UP TO 40 KM/H

ET-LANDER IS ALSO AT EASE IN TOWN....

- Compact (overall length of 3.69 m)
- Short turning radius (4.9 m between two walls, 4.5 m between two kerbs)
- High ground clearance (195 mm) for the passage of anti-access bollards
- Audible pedestrian warning system for added safety



...AND IN THE GREEN!

- High ground clearance (195 mm) and robust chassis for obstacle clearance
- Excellent traction (185 R14 off-road tyres with 14" rims)
- Slopes up to 35% (unladen), even off-road

CUSTOMIZABLE

TAKE ACTION NO MATTER WHAT YOUR MISSION IS

EXKLUSIVE

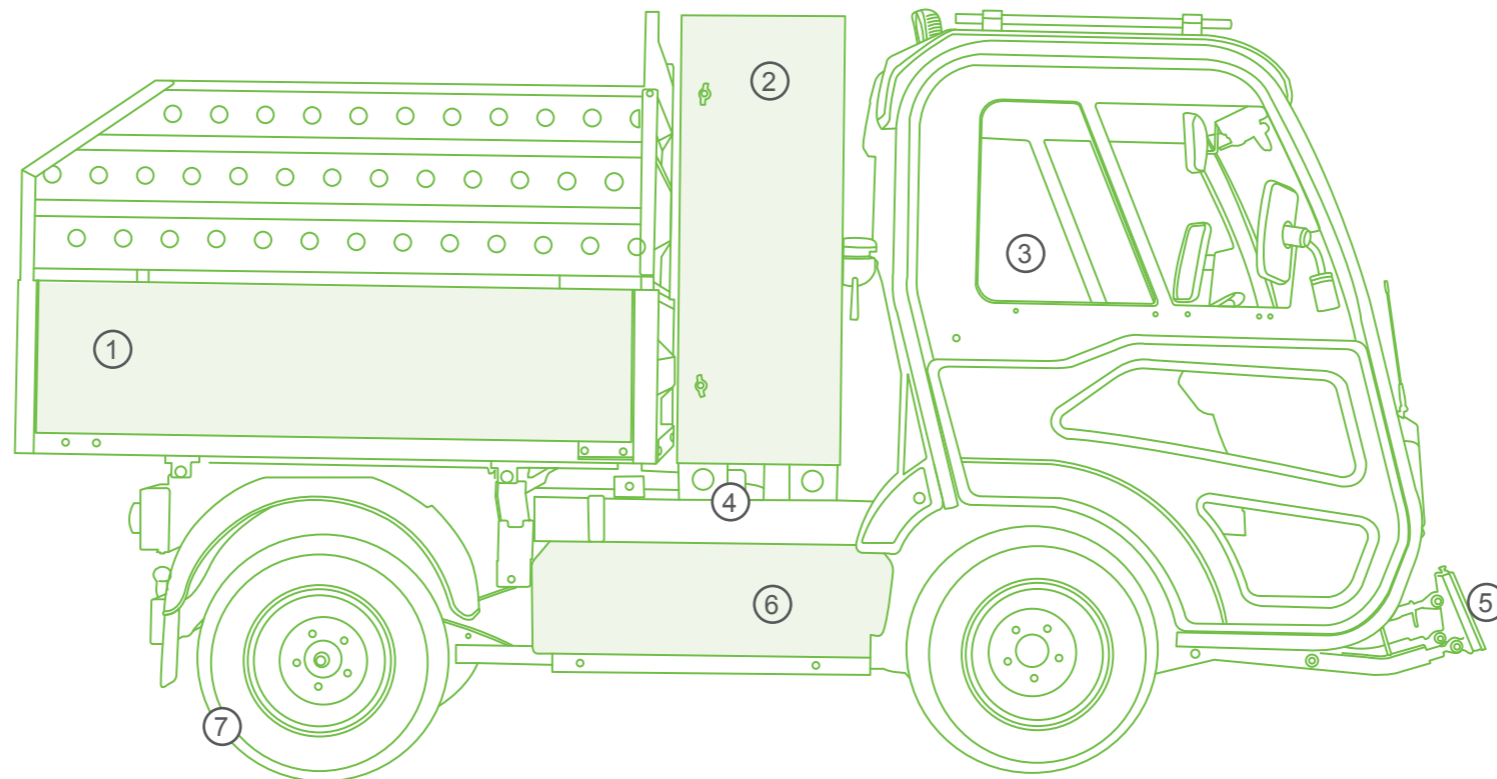
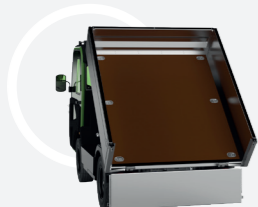
LOADING RAMPS

Side panels can be converted quickly and without tools into loading ramps (long tipper)

1. SHORT OR LONG TIPPER, FIXED OR HYDRAULIC

Hydraulic tipping with dual cab control and remote control

- Side panel extension for more loading volume



2. STORAGE BOXES

- 2 versions (with short tipper): with or without water tank



3. CABIN

- With doors
- Half doors (rear-view mirror kit)
- High-back seats



4. ENERGY CONVERTER

2 kW to power various power tools of 230V AC



5. ACCESSORY SUPPORT FIXED OR HYDRAULIC



7. DIFFERENTIAL LOCK



6. WATER TANK (400 l.)

- Water pump
- Water outlet (quick coupling with safety valve) at the front and right side of the vehicle

ETLANDER DISCOVER THE TIPPERS

LONG TIPPER



SHORT TIPPER



LOADING RAMPS

Side panels can be converted quickly and without tools into loading ramps (long tipper)



REFUSE COLLECTION TIPPER

IDEAL FOR PUBLIC AUTHORITIES

Work in areas inaccessible to collection lorries.

1. Bin hanging system
2. Integrated remote control
3. Hydraulic system
4. Emptying from the driver's cab

TIPPER BOX



OPTIMISED LOGISTICS

Turn your ET-LANDER into a delivery vehicle



ERGONOMIC HANDLES



ETLANDER

ERGONOMIC

DON'T FORGET YOUR COMFORT



SPACIOUS CABIN

- 2-seater cabin with 1.7 m³ of interior volume
- Soundproofed, thermally insulated and ventilated cabin

DRIVING COMFORT

- Easy access without steps
- Power steering
- Shock absorbing suspension
- Sunshade

360° VISIBILITY

- 360° field of vision, no blind spots (side and front)
- Reversing camera (fitted as standard)



ERGONOMIC CENTRAL CONSOLE

- Backlit membrane keyboard
- 4.3" LCD display
- Grouping of all equipment and accessory controls, as well as information and warning indicators



ECO-CONCEPT



**RECYCLABLE
MATERIALS**

MADE IN FRANCE



- Designed and assembled in Wissembourg, Alsace
- Based on a network of local, national and European suppliers
- Co-developed with partners (landscapers, cities, communities)

INNOVATIVE & ROBUST

- Expanded polypropylene material for the cab lining
- Aluminium material for the cab, cabinet and tipper
- Designed to last
- 4 mm thick welded steel chassis

ETLANDER

CHARACTERISTICS



Designed and manufactured in France, ET-LANDER is built on a robust chassis and is equipped with proven technical components. Easy to maintain, it is guaranteed for 2 years parts and labour.

TECHNICAL CHARACTERISTICS

PERFORMANCE

Maximum loading area:	181 cm x 151cm
Maximum payload:	1,4 metric ton
Long tipper:	L 1 815 mm / I 1 515 mm
Short tipper:	L 1 570 mm / I 1 515 mm
Height of the side panel:	380 mm
Maximum towing capacity (unbraked trailer):	750 kg
Estimated range:	1 working day
Maximum speed:	Up to 40 km/h
Maximum gradeability:	35% (unloaded)
Minimum turning radius: *between two walls and **between two curbs	*4,9 m **4,5 m

MOTOR

Electric motor type:	3-phase asynchronous
Nominal power:	9,2 kW

TRANSMISSION

Mechanical differential axle
Transmission by 1/16 reduction gearing on rear wheels

SUSPENSION

Front: double wishbone, Rear: leaf spring

BRAKES

Front: disc brakes, Rear: drum brakes

Mechanical service brake (hydraulically controlled)

Electric regenerative service brake recovering energy for storage in the battery

Mechanical parking brake (cable-operated on rear drum brakes)

STEERING

Mechanical steering with electric power steering fitted as standard

BATTERY

Lithium 78V 180 Ah - C1 - nominal power 14 kWh

Lead Acid 72V 220 Ah - C5 - nominal power 16 kWh

Estimated recharging time: 7 h (Lithium) - 8h (Lead Acid)

STANDARD EQUIPMENT

SECURITY

- Key lock: cab, boot, box as standard and storage boxes
- Vehicle power-up via RFID badge
- Driver presence sensor
- Belly belt or 3-point belt and passenger seats
- Door protectors with expanded polypropylene shock absorbers
- Authorization command for driving with the bucket raised
- Reversing alarm + pedestrian
- Horn
- Hazard warning lights
- Automatic power off (when driver leaves seat)
- 2-speed front windscreen wipers with washer
- AVAS: audible warning system that activates when the speed drops below 20 km/h

VISIBILITY

- LED daytime running lights
- Front lights (high beam, low beam, position and daytime running lights)
- Rear lights (brake, parking, reversing)
- Front, side* and rear* turn signals
- Rear fog lamps* (rear)
- Reflective strips

HOMOLOGATION

- MAGA or N1 type road homologation in France. For other countries, please contact us.

CABIN & COMFORT

- 2-seater cabin
- 1 rear window with sliding opening
- Windscreen demisting with 3-speed ventilation
- LED cab light
- Start-up with RFID badge or power key in N1 version
- Adjustable driver and passenger seats
- High back seats
- Power steering as standard

- 12V socket
- Radio with 12V USB socket
- Reversing camera
- Suction cup phone holder

CONTROLS

- Foot control: audible pedestrian warning system
- Left-hand dial: controls for lights, indicators and horn
- Right-hand dial: wiper, washer, gear selector, forward/reverse direction selector
- Dashboard controls: ventilation / demisting, steering wheel angle adjustment, hazard lights

- > Operating information display:
 - ▶ Screen navigation
 - ▶ Speed
 - ▶ Odometer
 - ▶ Battery percentage
 - ▶ Power consumption
 - ▶ Power regeneration
 - ▶ Status display in text form (such as de-icing
 - ▶ indicator, parking brake indicator, etc.)

- > Controls for equipment and accessories:

- ▶ Rotating beacon control
- ▶ Working light control
- ▶ Rear fog light control
- ▶ Tipper lift control
- ▶ Front gear selector (slow / fast)
- ▶ Windscreen demister control
- ▶ Central control panel with membrane
- ▶ Keyboard and 4.3 inch LCD display

ACCESSORIES & EQUIPMENT OPTION

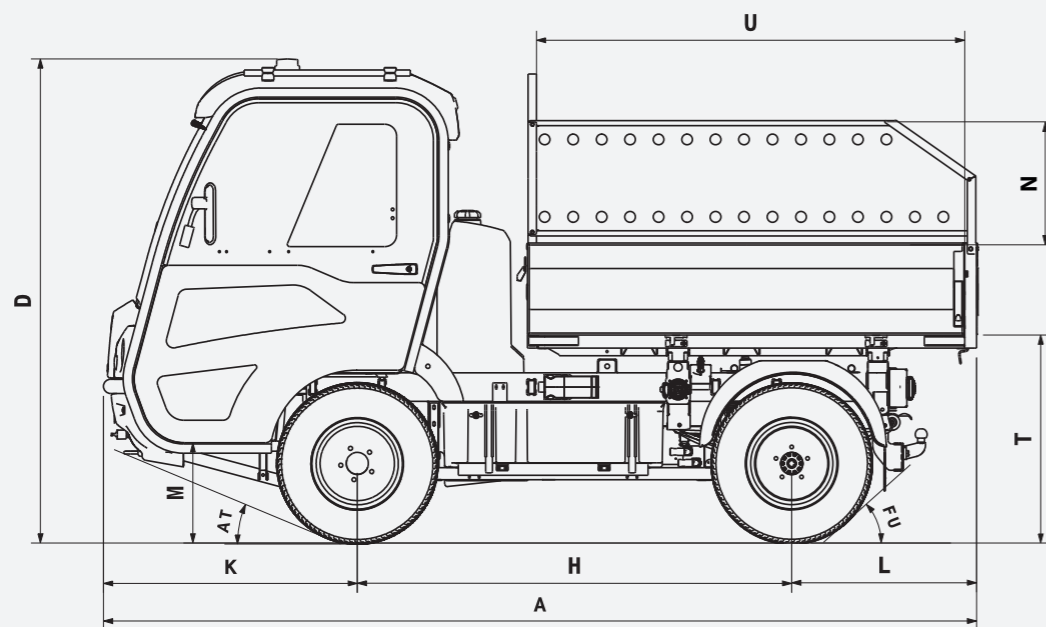
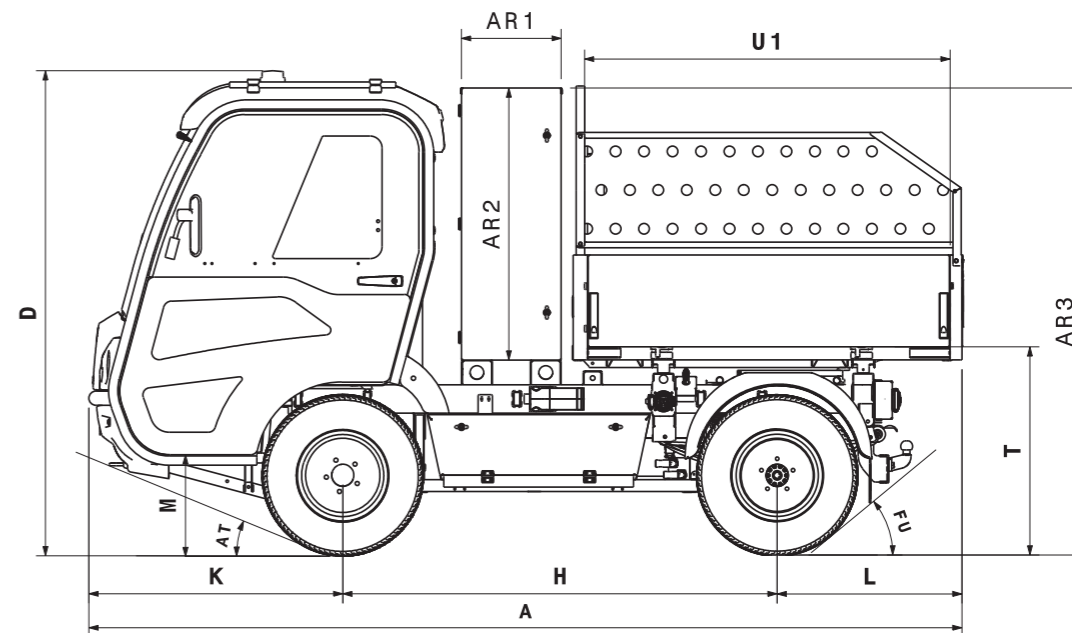
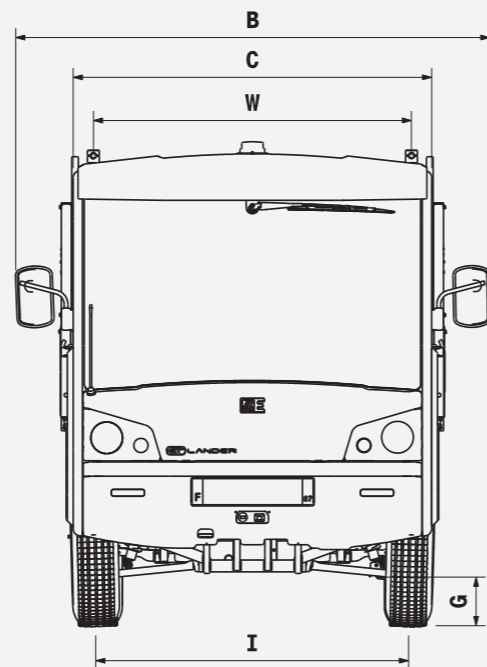
- With doors or optional half-doors
- Three-way tipping with in-cab and remote control:
 - ▶ long tipper
 - ▶ short tipper
 - ▶ top dumpster
- Long body with seats (not approved for road traffic N1)
- Long three-way loading platform short three-way loading platform
- Side and rear panels made of aluminium h=38 cm
- Aluminium side and front extensions h=51 cm
- Converter 72VDC 230 V AC - power 2 kW
- Roof bars
- Trailer hitch with socket

- Spare wheel with support
- Double 12V LED flashing light
- Joystick
- Snow blade
- Lighting strip
- Left-hand driving light
- Rear extension
- Cabinet
- Work light
- Tri-flash triangle
- Side storage box
- Water tank
- Tow Ball
- Hydraulic lift
- Front accessory support
- 12VDC 1kW power converter
- Customisable colour
- Pre-arrangement for roof equipment (with control from the cab)

TIRES

- Off-road
- Road

DIMENSIONS



TEMPLATE (in mm)	Lithium	Lithium	MASSES (in kg)		
A = Overall length	3690	M = Step height	440	Mass lithium battery	137
B = Overall width	2000	T = Loading height	440	Mass with lithium battery	1155
C = Cabine width	1510	U = Interior length long tipper	1816	GVW	2700
D = Height	1990	U1 = Interior length short tipper	1540		
F = Seat height (SRP) SIP	961	W = Innere Breite des Kippers	1515		
G = Transmission height	200	AT = Angle of attack	21°		
H = Wheelbase	1830	FU = Departure angle	45°		
I = Front and rear track width	1315	AR1 = Outside width of cabinet	420		
K = Front overhang	1076	AR2 = External cabinet height	1146		
L = Rear overhang	784	AR3 = Cabinet height	1986		
N = Side panel height	380				





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