



MANUFACTURING ELECTRIC VEHICLES  
SINCE 1996



**GS**  
*Lithium*



**GOUPIl**



## VERSATILE

The Goupil G5 Lithium offers unrivalled versatility. It's designed for multipurpose activities such as; waste collection, street cleaning, park & garden maintenance, delivery, etc. From generic base models to bespoke configurations the G5 Lithium is the utility vehicle that adapts to a full range of everyday tasks. It has a usable **load** and **volume** that is unrivalled in the marketplace.

### G5 Vehicle CONFIGURATIONS



### CLOSE UP ON

#### Tipping bed with raisable sides

- 100 % MODULAR

This configuration, with its tipping bed, removable height extensions, and load capacity (1 tonne), offers a unrivalled versatile and modular configuration. It is ideal for the collection of bulky waste and litter bins, the delivery of construction materials and plant. The vehicle can also be fitted with the Goupil high pressure spray/cleaner kit and its 500-litre tank as well as a variety of utility skids from leading body builders (HP hot water, steam weeder, stoneface blaster, etc.).



OTHER EQUIPMENT : tri flash AK 5

The AK 5 warning sign is an optional extra on all configurations

### MIXED CONFIGURATIONS

#### Cleaning, vacuuming, storage

- 100 % FLEXIBILITY

Mixed configurations comprising a tipping bed or skip tipper offers versatility to combine other functions e.g a pressure cleaner, vacuum leaf collector, or even a storage box.



#### Equipment body builder

Goupil Industrie manufactures its own specialist bodies in house. This guarantees you perfect integration of all the various vehicle configurations. All the equipment is electric (no additional power sources are required) and optimized for consumption, weight, and noise levels. Ideal for early morning delivery rounds.

## SERVICE LOAD

Excellent burden capacity

With a 1 tonne service load capacity, the G5 Lithium is built for the most demanding applications.



## STOP & GO

Electric drive is perfect for stop & go applications. The G5 takes this one step further by offering an ergonomic design—seat height, loading sill, cab accessibility, rear-mounted equipment—for collection and delivery use.



## COMPACT FOOTPRINT

The Goupil G5 Lithium is a compact utility vehicle for professional operations. Modern with its large windows and low carbon footprint, the G5 is the ideal utility vehicle for circulating discreetly and safely in public areas.



## ADVANTAGES OF LITHIUM

Batteries can be charged from a domestic plug socket (220-240v)

A full charge from zero takes 5.5 hours. "Opportunistic" fast charging is possible without any impact on battery performance (20% recharge per hour)

Batteries come with a built-in heater as standard for operations in as low as minus 20°C

Safe, reliable technology, maintenance-free, with a 5-year battery warranty



### SERVICES & OPTIONS

#### Rental & maintenance

- A TAILORED FINANCE SOLUTION TO MEET YOUR REQUIREMENTS

Goupil Industrie offers long-term rental contracts (with or without option to buy) and full service maintenance contracts of up to 5 years.

Range	Load capacity	maximum Speed	Overall Width
Up to 100 km	1000 kg	50 km/h	1m50

### MAJOR FEATURES

- **RANGE**  
70km range in real conditions (stop & go) with full service load
- **ERGONOMICS**  
Load sill at a comfortable height (81cm). The "easy-access" driver cab is ideal for stop & go use.
- **SAFETY**  
Safety for the driver with a 3-point safety belt and occupant detector. Safety for pedestrians with a speed limiting command and an alert warning.
- **ECONOMY**  
Savings in maintenance and energy cost (circa €2 for a full charge)
- **COMFORT**  
Fully equipped cab as standard.
- **MODULARITY**  
The G5 Lithium includes a broad range of equipment to meet your needs.
- **INNOVATION**  
Lithium technology.
- **VERSATILITY**  
With its compact footprint, the G5 Lithium is ideal for use in town centres and closed sites. Its manoeuvrability and road-holding make both in-town and out-of-town driving easy.
- **PRACTICALITY**  
Usable volume = Actual volume
- **ACCREDITATION AND MANUFACTURE**  
The Goupil G5 Lithium qualifies as a professional utility vehicle. It is eligible for ecology bonuses (6,300 euros in France).  
Designed and assembled in France.

### ONE CUSTOMER'S TESTIMONY

The G3 and G5 electric utility vehicles, whose small footprint and ergonomics make them right for our business, had already found a place in our fleet. Now, with the Lithium version, the G5 becomes a must-have for town-centre litter bin and bulky waste collection. The operators complete a full 50km round in the morning (over 300 bins). When the workload grows over the weekend or during tourist periods, we use the lunch break to charge the batteries. A second crew can then do an afternoon and sometimes even an evening round. Concerns about Lithium technology are unwarranted in the case of the G5. The standard fitting of a battery heater frees us of all constraints in winter. Our crews can start their rounds in the early hours when temperatures are below zero. The implementation couldn't be simpler. There is no need to install special charging terminals or timed socket outlets: the G5 Lithium plugs into a standard outlet (220-240v) and the built-in charger manages the rest.



Denis COTICA,  
The DERICHEBOURG Group

See the Goupil G5 Lithium on

[www.polaris-wt.com](http://www.polaris-wt.com)

Discover all G5 configurations and specs







## WHEEL BASE



### STANDARD

#### Safety

- Presence sensor and immobiliser on driver's seat
- Electric proportional braking
- 3-point seatbelt
- Circuit
- Central locking and sliding windows
- Low or high speed switch
- Handbrake with torque limiting sensor

#### Confort & Visibility

- Adjustable seats with headrest
- Windscreen defrosting/demisting
- Wiper with washer system
- Cabin rear window
- DRL (Daytime Running Lights)
- High-definition LCD colour display
- Rear fog lamp and reverse light
- P17 Charging socket

### HOMOLOGATION

Type of certification	N1
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### PERFORMANCE

Maximum speed	50 km/h
Towing capacity (off road)	3 050 kg
Maximum slope (empty)	30 %
Maximum slope with maximum load	18 %

### LOADS

Empty weight (with doors, without battery)	625 kg
Fully loaded weight	2 000 kg
Maximum towing capacity on road (unbraked trailer)	750 kg
Maximum towing capacity on road (braked trailer)	1 000 kg

### MAIN DIMENSIONS

Lenght	3 800 mm
Cabin width	1 400 mm
Height	1 900 mm
Clearance angle	16°
Turning radius	4 200 mm

### TRANSMISSION

Type	Rigid axle with reducer and differential
Gear ratio	14.89:1

### ENGINE

Engine	AC induction / Asynchronous
Maximum torque	76 Nm
Nominal Power	9,4 kW

### BRAKES

Main braking system	X dual circuit braking system
Front brake diameter	240 mm
Rear drum diameter	230 mm

### CONTROLLER

Manufacturer	Curtis
Nominal voltage	48-80V

### SUSPENSIONS

Front suspension / suspension travel	McPherson / 125 mm
Rear suspension / suspension travel	McPherson / 122 mm

### TYRES

Type	Tubeless Steel Radial
Size	155R13C
Recommended tyre pressure	3,5 bar

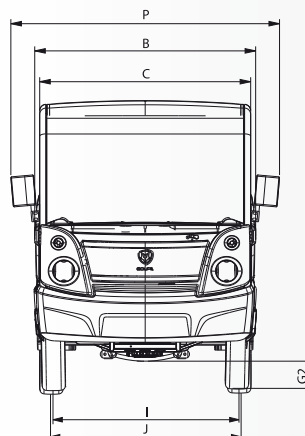
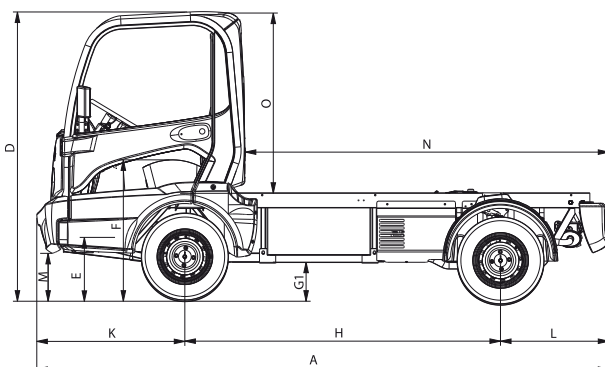
### TOWING BATTERIES

Technology	Lead - acid, 2V cell	
Capacity	11,5 kWh	14,4 kWh
Autonomy (cycle R101)	66 km	76 km
Battery weight	415 kg	511 kg

### LITHIUM BATTERIES

Technology	Lithium LiFePo4	
Capacity	11,5 kWh	19,2 kWh
Autonomie (cycle R101)	121 km	201 km
Battery weight	175 kg	250 kg

Warranty **2** years  
Parts and Labor



### DIMENSIONS (mm)

A	3 800	H	2 100
B	1 470	I	1 215
C	1 400	J	1 235
D	1 900	K	980
E	380	L	720
F	850	M	360
G1	260	N	2 420
G2	180	O	1 200
		P	1 800

