

Emission-free multipurpose commercial vehicles



Towards a greener future

With a full commitment to reduce global CO₂ emissions, innovative manufacturer LMI has developed a new range of emission-free trucks.



Why go electric?

No noise, no CO₂ emission, much improved TCO

Technology

Beeway is a modular vehicle adaptable to the user's needs:

- autonomy: optional increase of battery capacity
- interchangeable on-chassis equipment: tipper, dry box, refrigerated box, waste collector, vacuum cleaner... powered by the vehicle's battery
- power source: Power source can be switched from batteries to a hydrogen fuel cell or new technologies developed in the future

An enduring vehicle designed to adapt to ever-changing conditions, environment and needs that will last for years.



LMI is the result of 30 years' experience of its founders in the auto racing industry, now applied to environmentally friendly vehicles.

Battery electric vehicles

Each model suits a specific need: operations in central urban areas as well as in rural areas, last-mile delivery, use of various equipment, from short to long range uses.

Beeway B1

41 kWh 150 km or
62 kWh 210 km

Standard range for **daily work in urban centers**



Chargers

Charging can be done on AC outlets or standard EV charging stations.
9 kW AC charger
1 C DC charging with a charger > 100 kW

On-board AC charger allows for full charge within 5 to 15 hours. Using a DC charger, Beeway is charged within about 1 hour.

Hydrogen vehicles

Hydrogen offers more energy thus allowing a longer range of operation, heavier load or electrical supply to auxiliaries.

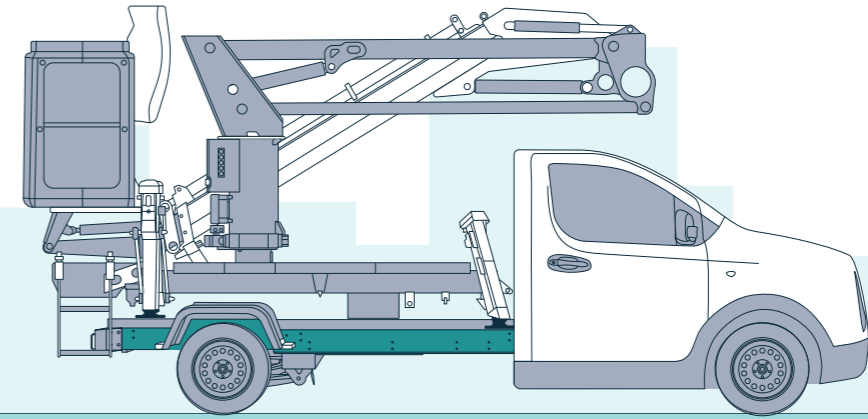
Upgrade

Electric Beeways are scalable depending on the operating ranges needed. They have also been designed to allow replacement of batteries by a hydrogen tank or any technology of the future. Their bolted chassis allows their repairing and adaptation.

Hydrogen refueling

Hydrogen refueling is done in minutes similarly to refueling a thermal vehicle.

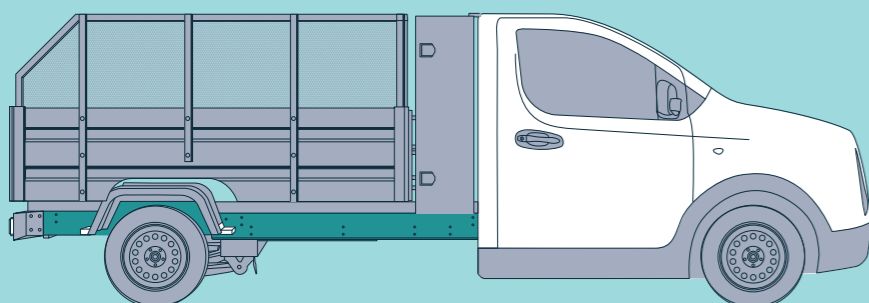
Refueling can be done during shift changes or during breaks.



Beeway B2

82 kWh 300 km
110 km/h

With a **stronger motor** and a **bigger battery**, Beeway B2 offers a wider range and towing up to the limit of BE licence.



What about rural areas?

Beeway B2 offers an extended range of operations...

Good to know

Beeway can be upgraded to B2, B3 or H2 and future technologies

Beeway B3

123 kWh 440 km
110 km/h

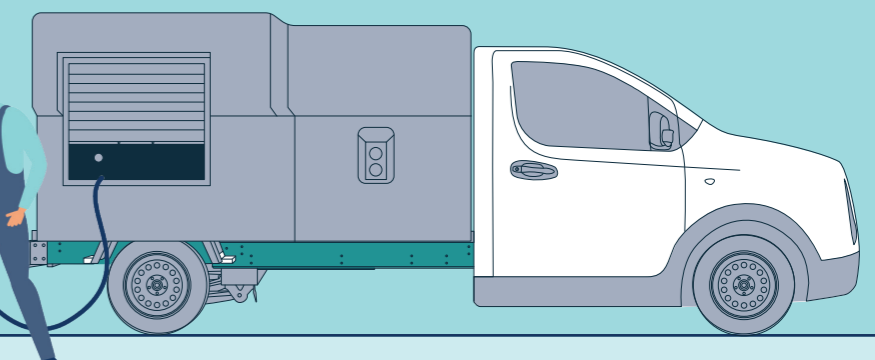
The B3 model provides extended range, power to the chassis-mounted equipment, and is adaptable to hydrogen, while still offering a high payload.



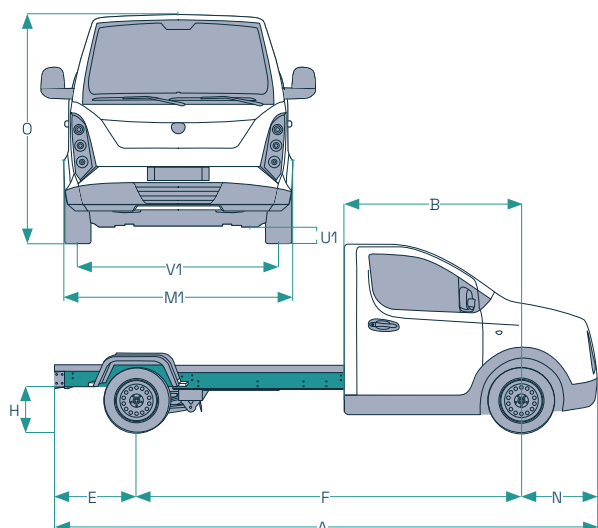
Beeway H2

41 kWh+ 5.1 kg H₂ 475 km
110 km/h

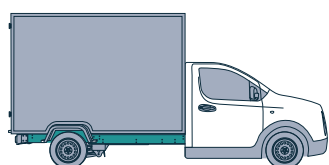
Extended hydrogen model to go further with outstanding payload capacity.



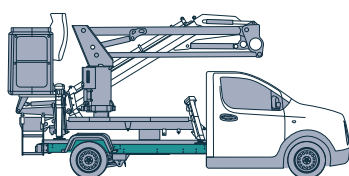
Multi-purpose vehicle



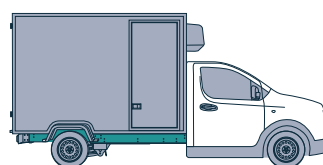
DIMENSIONS (mm)		B1	B2	B3	H2
F	Wheelbase	3800			
N	Front overhang	890			
E	Rear overhang	950			
A	Chassis length	5950			
O	Maximum Height (unloaded)	1980			
H	Rear chassis height: loaded / unloaded	545/617			
U1	Minimum ride height FT/RR (loaded)	170			
M1	Front width	2000			



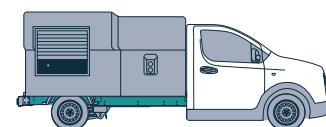
Dry box



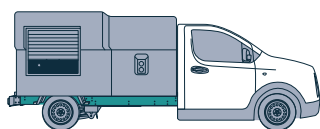
Elevation work platform



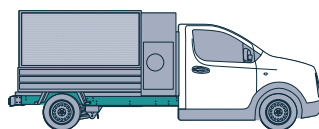
Refrigerated box



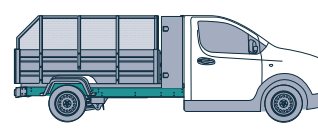
Pressure washers



Weed control vehicle



Tipper



Dumper

	B1.1	B1.2	B2	B3	H2
Engine	110 kW				
Battery	41 kWh	62 kWh	82 kWh	123kWh	41kWh
H2 tank (700 bar)	-	-	-	-	5.1 kg H2 700 bar
WLTP range	150 km	210 km	300 km	440 km	475 km
Payload	1 875 kg	1 620 kg	1 625 kg	1 375 kg	1 605 kg
Total weight	3 500 kg				
Total weight+towed load	4 250 kg		4 700 kg		
Homologation	N1 (LCV <3t5)				

* WLTP value is calculated and will have to be revised and confirmed upon homologation testing. This documentation is not binding. LMI may revise specification and vehicle equipment without preliminary notice.