

WORKER

CABIN-CHASSIS BASE



MEGA



CHASSIS

Ladder type frame with epoxy treated high resistance steel and an anti-corrosive electrophoresis- Treatment applied

CABIN

Safe heavy duty steel and aluminium cabin. Anti-intrusion bumper, designed with a double skin reinforcement complete with an integral anti-ride guard. Floor pan constructed in SMC (moulded composite strengthened with fibreglass)

SAFETY AND ERGONOMICS

Automatic (CVT type) transmission - ergonomic driving

and pedal position.

Seats with head rests (shoulder width = 1,160 mm) - Heated windscreen - seat belts - front disc brakes - Sun visor

AUTOMOBILE TYPE DASHBOARD

DOORS

Waterproof and guaranteed against corrosion due to their aluminium structure, they are fully glazed to provide excellent visibility during tight manoeuvres.

2 TOOL BOXES (LONG VERSION)

Securely locked by separate key

□ TECHNICAL CHARACTERISTICS

EMERSON/LEROY-SOMER MOTOR

Propulsion - asynchronous electrical nominal power 10 kW S2-45' to 3200 RPM gearbox- differential ratio 1: 15.7

Speed variator 72V-350A

BATTERIES

Open lead traction battery with thirty-six 2 V Elements as in standard forklift truck

Accessory safety batteries

High-frequency charger 72V - 1500 W (safety: Maximum current 8 A on 220 V socket)

STEERING

Rack and pinion attached to a compensation bar
Ultra-short turning circle

BRAKING

Dual circuit with 220 mm disks at the front and 160 mm drums at the rear with load sensing valve - Selective, regenerative braking via traction system.

SUSPENSION

• Front

Mac Pherson-type independent shock absorbers with helical springs

• Rear

Double action shock absorbers with single leaf composite road spring.

TYRES

155/80 R13 79T

□ GUARANTEED TWO YEARS PARTS AND LABOUR

□ BATTERIES GUARANTEED 4 YEARS



PERFORMANCES

REGULATIONS	HEAVY QUADRICYCLE (European directive 2002/24/CE category L7e)	MACHINES (European directive 2006/42/CE)
USAGE	For use on public highways: Passenger car driving licence or equivalent. Age 16 depending on the country	For non public highway use.
Maximum speed	40 kph	25 kph
Battery life	8.6 kW power pack	Up to 60 km*
	11.5 kW power pack	Up to 80 km*
	17.3 kW power pack	Up to 110 km*
Hill start capabilities	Empty	25 %
	Loaded	15 %
Turning radius	3 m and 4 m (short and long wheelbase)	
Charging time (maximum current)	8 to 12h (8A)	
Administrative power France	2 hp	none

*dependent of conditions of use, ask us for details

STANDARD EQUIPMENT

- Key switch and steering lock
- Seat belts
- Horn
- Tram-type presence bell (forward)
- Reversing bell
- Interior rear view mirror
- Left and right exterior rear view mirrors
- Tinted, Heated, laminated windscreen
- Emergency stop
- Hand brake
- Charger lead with insulators and silver contacts (in compliance with R100 regulation)
- Anti drive facility (when the charging cable is connected to the vehicle)
- Two-speed wipers one intermittent speed
- Screenwash
- Reversing lights, rear fog light
- Comfort seats with safety immobilizer system, headrest and adjustment facility.
- Left foot rest
- 12V Accessories outlet
- Pre-installed radio wiring
- Glove pocket and charging cable
- 2 Side toolbox (long version)
- High and low speed selector
- Engine brake assistance
- Automobile-type dashboard
- Charge indicator
- Deep discharge protection
- Low battery water level alert indicator
- Centralised battery water filling
- Tyre puncture sealant kit

CHOICE OF BATTERY CAPACITY

- ✓ 8.6 kWh - 120 Ah (to C5) x 72 V battery pack
- ✓ 11.5 kWh - 160 Ah (to C5) x 72 V battery pack (equivalent to 240 Ah x 48 V)
- ✓ 17.3 kWh - 240 Ah (to C5) x 72V battery pack

OPTIONAL EXTRAS

- ✓ Towbar
- ✓ Additional 12V/300W converter
- ✓ Time counter
- ✓ Spare wheel (not fitted)

COMFORT OPTIONS

- ✓ Panoramic cabin doors: tinted safety windows (including the two-speed ventilation system and courtesy lighting switch)
- ✓ Additional heating system
- ✓ Heated seats
- ✓ Car radio CD/mp3 player

SAFETY OPTIONS

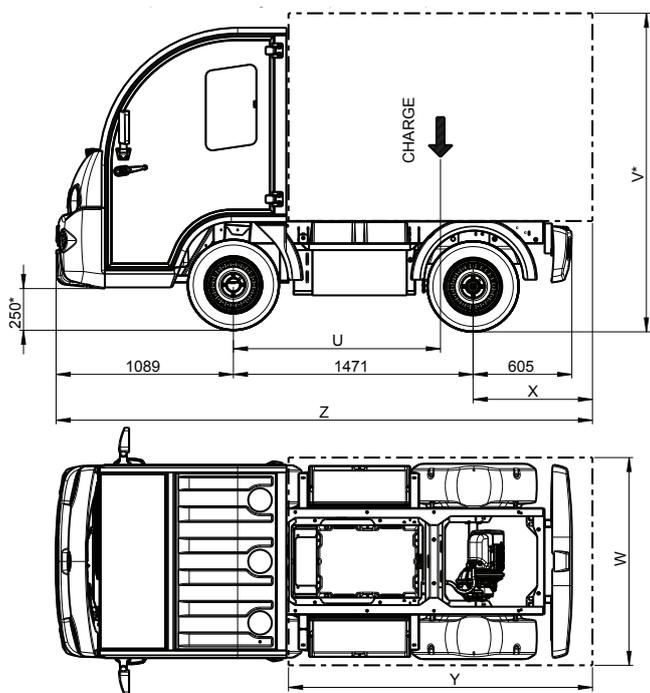
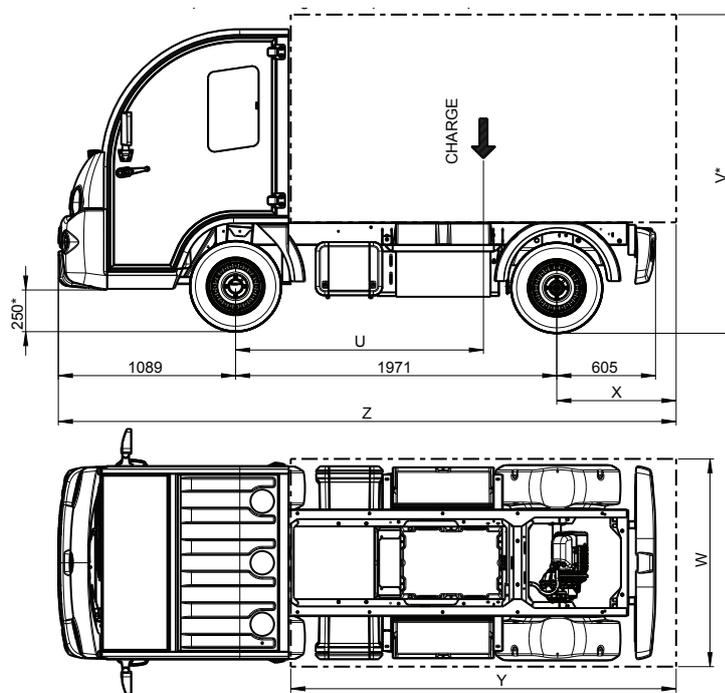
- ✓ Low-energy LED roof beacon
- ✓ Class I reflective strips
- ✓ Road sign bar (with 2 beacon lights + LED flashlights)
- ✓ Rear protection bar
- ✓ Tram-type presence bell

EQUIPMENT AUCTIONS

See model sheets

**DIMENSIONS (CABIN CHASSIS VERSION)**

- ✓ Long version: average wheelbase 1,971 mm - turning radius 4 m
- ✓ Short version: average wheelbase 1,471 mm - turning radius 3 m

**SHORT CHASSIS****LONG CHASSIS**

DIMENSIONS (mm)	SHORT CHASSIS	LONG CHASSIS
Front track width	1,045	
Rear track width	1,045	
Average wheel base	1,471	1,971
Front overhang	1,089	
Width (excluding rearview mirrors) in cabin chassis version	1,200 (without doors)/1,272 (with doors)	
Maximum rideable width (W) (excluding rearview mirrors)	1,360	
Mini/maxi rideable rear overhang(X)	605/815	
Mini/maxi rideable length (Z)	3,165/3,375	3,665/3,875
Actual mini/maxi rideable length (Z)	1,710/1,920	2,210/2,420
Maxi rideable length (V)*	2,500	
Position limited to the centre of gravity of the load in relation to the axis of the front axle: mini/maxi (U)	1,000/1,400	1,150/1,700

*vehicle empty in working order

**WEIGHT (KILOGRAMS)**

ALL CATEGORIES	SHORT CABIN CHASSIS WITHOUT DOORS			LONG CABIN CHASSIS WITHOUT DOORS		
	BATTERIES 8.6 KWH	BATTERIES 11.5 KWH	BATTERIES 17.3 KWH	BATTERIES 8.6 KWH	BATTERIES 11.5 KWH	BATTERIES 17.3 KWH
*vehicle in working order empty weight						
Total	768	833	999	778	843	1,009
On the rear axle	301	335	423	342	384	492
Maximum load admissible on the axles						
Front axle	940					
Rear axle	1,100					

CATEGORY HEAVY QUADRICYCLE 2002/24/CE L7e	SHORT CABIN CHASSIS WITHOUT DOORS			LONG CABIN CHASSIS WITHOUT DOORS		
	BATTERIES 8.6 KWH	BATTERIES 11.5 KWH	BATTERIES 17.3 KWH	BATTERIES 8.6 KWH	BATTERIES 11.5 KWH	BATTERIES 17.3 KWH
Permissible gross weight	1,640					
Payload (excluding driver, passenger, equipment and load)	872	807	641	862	797	631
Permissible gross weight (excluding cabin doors)	1,880			1,885		
Permissible gross weight (with cabin doors)	1,900			1,905		
Maximum trailer weight (braked or not) (without cabin doors)	240			245		
Maximum trailer weight (braked or not) (with cabin doors)	260			265		

MACHINE CATEGORY 2006/42/CE	SHORT CABIN CHASSIS WITHOUT DOORS			LONG CABIN CHASSIS WITHOUT DOORS		
	BATTERIES 8.6 KWH	BATTERIES 11.5 KWH	BATTERIES 17.3 KWH	BATTERIES 8.6 KWH	BATTERIES 11.5 KWH	BATTERIES 17.3 KWH
Permissible gross weight	1,640	1,700	1,700	1,700	1,772	1,772
Payload (excluding driver, passenger, equipment and load)	872	867	701	922	929	763
Permissible gross weight (excluding cabin doors)	2,525					
Maximum trailer weight (braked)  within the permissible gross weight	1,425					
Maximum trailer weight (not braked)	750					

EQUIPMENT WEIGHT (TO BE DEDUCTED FROM THE PAYLOAD)		
	SHORT CABIN CHASSIS	LONG CABIN CHASSIS
Cabin doors	40	
Additional heating a full 12 L tank	25	
Rear protection bar	10	
Tow bar	15	

AIXAM MEGA

56 route de Pugny BP 112
73101 AIX-LES-BAINS CEDEX

Tel + 33 (0)4 79 61 42 45 / Fax + 33 (0)4 79 35 06 11

Email mega@mega-vehicles.com

www.mega-vehicles.com