

**GOODS
PASSENGER LIFT &
VEHICLE LIFT
GPL-VL**

1 million lifts worldwide with
GMV technology

10F24ENG00400



GMV EUROLIFT S.A.U.

Polígono Industrial Rosanes II C/ Luxemburgo, 7-17
08769 Castellví de Rosanes (Barcelona) España.

Tel: +34 93 774 57 90
e-mail: comercial@es.gmvgrupo.com
www.gmveurolift.es

INDEX

- Page 4** 1. Main reasons for choosing GPL-VL forklifts & car lifts
- Page 6** 2. Technical characteristics
- Page 7** 3. Colors and materials
- Page 7** 4. Car
- Page 10** 5. LPG freight elevator (goods passenger lift)
- Page 12** 6. VL Car Lift (vehicle lifts)
- Page 14** 7. GMV EUROLIFT S.A.U

1. MAIN REASONS TO CHOOSE FORKLIFT LIFTS & GPL CAR LIFTS

1.1 RELIABILITY

- › Car built with resistant and long-lasting material.
- › Reinforced access sill for loading/unloading with forklift.

1.2 SAFE

- › In accordance with Lift Directive 2014/33/EU.
- › Power unit and controller are placed in a service friendly machine room.
- › Automatic return to landing in case of power failure (option).

1.3 FLEXIBLE

- › Wide variety of capacities and car dimensions thanks to the modular system.
- › Thanks to the hydraulic drive, you can make the most of the space available in the shaft.

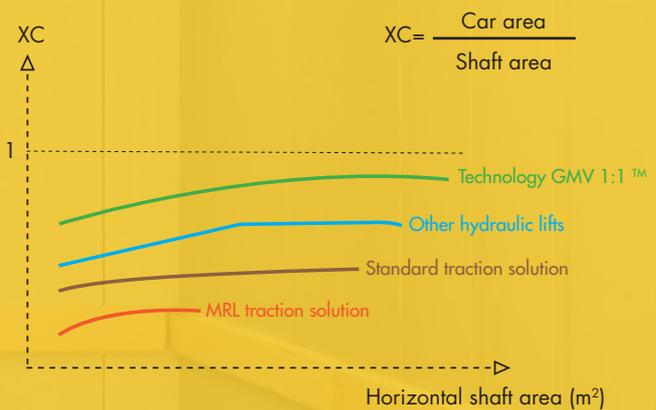
1.4 SIMPLICITY AND ECONOMY

- › Components prepared for quick and easy installation.
- › Low service and maintenance cost due to well known standard GMV components.



ADVANTAGES WITH DIRECT ACTING JACK 1:1 COMPARED TO ROPED HYDRAULIC IN 2:1 SOLUTION

- › Higher stability during loading and unloading the car due to no rope elongation.
- › No safety gear, safety gear contact, ropes or pulley needed.
- › Simple to install and reduced service requirements.
- › The absence of the parachute allows the use of reduced size guides.
- › Tubing system is designed with 1 rupture valve for a safe and reliable function.
- › Lower weight reduces jack and pump/motor size.



2. TECHNICAL CHARACTERISTICS

2.1 CAR

	Car specification
Size	Width 1200-4350 mm, Depth up to 6700 mm, Height 2000-3900 mm
Floor	Tear steel plate painted RAL 7004
Walls	Magnelis plate (not painted)
Ceiling	Magnelis plate RAL 9003
Bumper	Solid hard wood or rubber
Sill	Reinforced aluminium as standard and solid steel for forklift model (F)
Lighting	Flushed LED panels
	Car options
Floor	Stainless steel AISI 304 Tear plate or Aluminium five bar
Walls	Stainless steel AISI 304 DP40, Stainless steel, AISI 304 Linen D25, Magnelis plate painted RAL 1015, 7030, 7032, 7035
Ceiling	Stainless steel AISI 304 DP40, Stainless steel AISI 304 Linen D25
Sill	Reinforced Inox
Lighting	LED Lights

2.2 DOORS

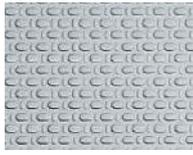
	Door specification
Size	Width up to 4000 mm, Height up to 3900 mm
Operator	VVVF controlled
Finish	Painted Epoxi RAL 7032
Sill	Reinforced Aluminium
Panels	2, 4 or 6 central opening
Protection	Light curtain
	Door options
Finish	Hairline stainless steel, Linen D25
Sill	Solid steel or solid stainless steel
Protection	<p>3D Monitoring system</p> 
Fire rating	Conforms to local requirements, class E120 - EI30 – EI60 – EI90 – EI120

3. COLOURS AND MATERIALS

3.1 WALLS



STAINLESS STEEL
AISI 304 DP 40



STAINLESS STEEL
AISI 304 LINEN
D25



MAGNELIS PLATE
PAINTED RAL 1015



MAGNELIS PLATE
PAINTED RAL 7030

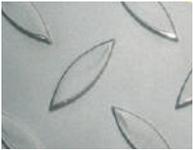


MAGNELIS PLATE
PAINTED RAL 7032



MAGNELIS PLATE
PAINTED RAL 7035

3.2 FLOOR



STAINLESS STEEL
AISI 304 TEAR
PLATE



STAINLESS STEEL
AISI 304 TEAR
PLATE



ALUMINIUM FIVE
BAR

3.3 CEILING



STAINLESS STEEL
AISI 304 DP 40



MAGNELIS PLATE
PAINTED RAL 9003



STAINLESS STEEL
AISI 304 LINEN
D25

3.4 DOORS



EPOXI RAL 7032

3.5 BUMPERS



3.6 LIGHTING



4. CAR

4.1 CARFRAME FLH AND GUIDE RAIL

- › The carframe design makes it possible to make the most of the space in the shaft, allowing for very large car dimensions.
- › Standard guide rail fixings with jacks anchored to the hoistway walls.
- › Strong and light design for quick installation.

4.2 JACK EC OR 1008

GMV has 35 years of experience using synchronized jacks for goods lifts.

- › Telescopic jacks are mechanically synchronized by chains, which give a constant synchronization and do not need to be "resynchronized".
- › Jack design maintains a minimum shaft dimension in relation to car size.
- › Direct-acting jacks secure high stability during loading and unloading.





4.3 TUBING SYSTEM AST

- › Only one rupture valve secures a safe and reliable function.
- › The AST-tubing is a rigid pipe system with threaded connections. No welding on site is needed.
- › The threaded connections with one adjustable part result in quick and easy installation.

4.4 POWER UNIT

- › Power unit designed for installation in service-friendly machine room.
- › 3010 valve type with soft stop as standard and electronic valve as an option.
- › Star/Delta start or soft starter is supplied.
- › Auxiliary motor/pump for controlled re-levelling and main motor start reduction.
- › Flexible hose between power unit and rupture valve on AST-tubing.

4.5 CONTROLLER, TELEPHONE AND PUSH BUTTONS

- › Universal or collective descent maneuver.
- › Pre-wired electrical installation to reduce installation time.
- › Star/Delta start or soft starter is supplied.
- › Auxiliary motor control for re-levelling.
- › Emergency telephone conform to EN 81-28.
- › Push buttons conform to EN 81-70.

Below are the main components of the lift, which allow a reduction of the hoistway space, quick and easy installation, safety, reliability and travel comfort.



FHL 35, FHL 35C



FLH 80F



JACK EC



JACK 1008

Design certificate
16NOR-LD-013



AST 2-JACK



AST 4-JACK

Design certificate
17NOR-LD-005

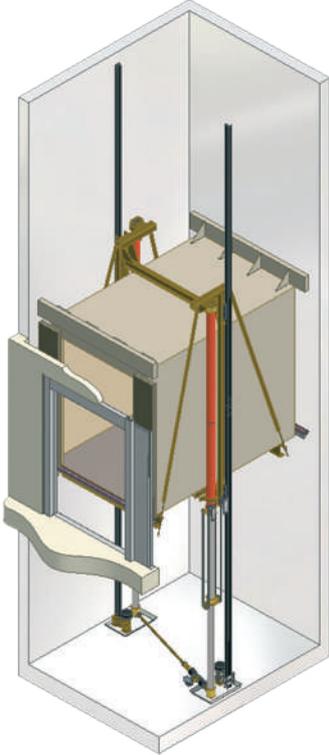
Guide rail manufactured in sizes T90/B, T125/B, T127/B or T140-2/B

5. GPL (GOODS PASSENGER LIFT)

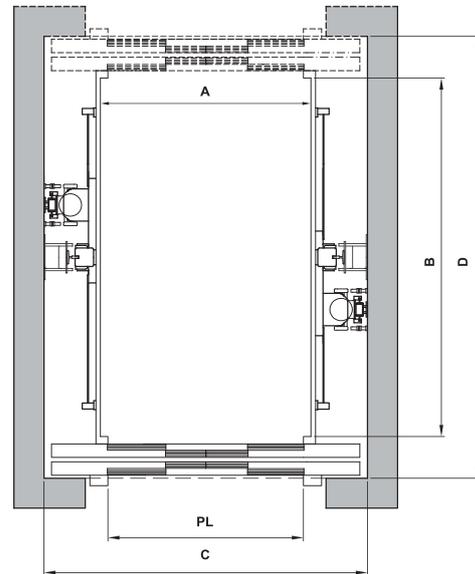
Accordance with EN 81.20.

5.1 GPL 25, GPL 40, GPL 40F

Payload from 1.500 to 5.000 Kg.

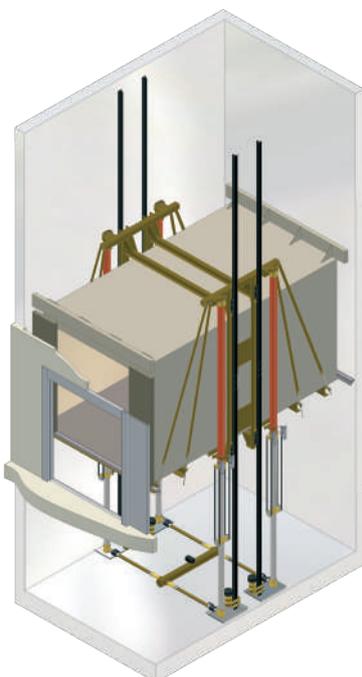


SHAFT PLANE

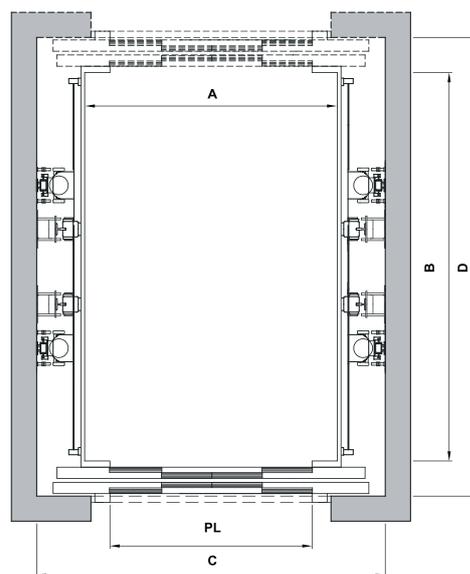


5.2 GPL 80F

Payload from 4.000 to 10.000 Kg.



SHAFT PLANE



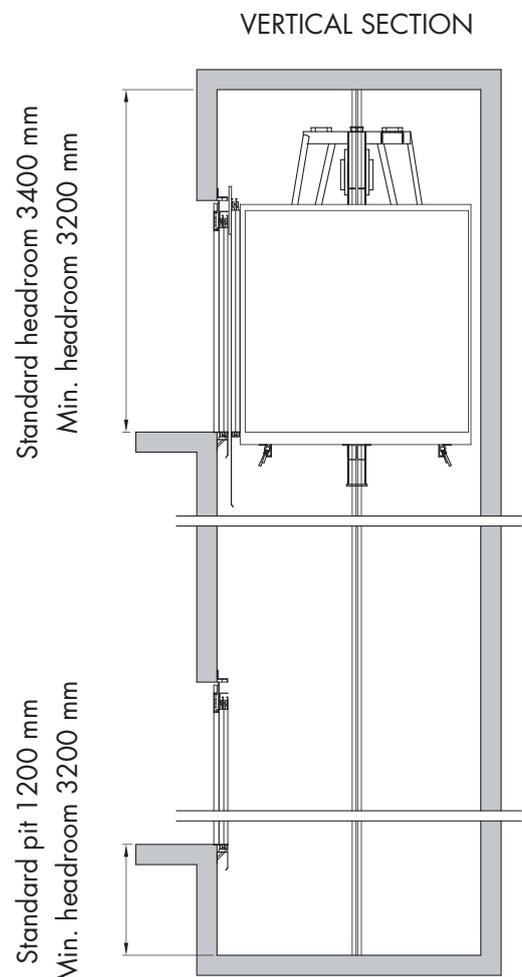
5.3 Dimensions

STANDARD DIMENSIONS OF ELEVATORS -GOOD PASSENGERS LIFT*

Lift Type		Rated load (Kg)	Car Dimensions (mm)		Doors (mm)		Shaft Dimensions (mm)			Jacks (N°)
			A	B	PL	Type	C	D with 1 entrance	D with 2 opposite entrances	
1	GPL25	1250-2500	1500	2700	1300	C4	2200	3100	3260	2
2	GPL25	1250-2500	1800	2700	1400	C4	2500	3100	3260	2
3	GPL25	1800-3000	2100	2700	1700	C4	2800	3100	3260	2
4	GPL40	2100-4000	2200	3100	1800	C4	2900	3500	3660	2
5	GPL40	2250-4000	2200	3400	1800	C4	2900	3800	3960	2
6	GPL40	3000-5000	2600	3900	2100	C4	3300	4300	4460	2
7	GPL40	3250-5000	2600	4300	2100	C4	3300	4700	4860	2
8	GPL80	3250-6000	2600	4300	2100	C4	3300	4700	4860	4
9	GPL80	4000-8000	2800	4800	2200	C4	3500	5200	5360	4
10	GPL80	4500-8500	2800	5300	2400	C6	3500	5800	6040	4
11	GPL80	4500-9000	3000	5300	2600	C6	3700	5800	6040	4
12	GPL80	4700-10000	2800	6000	2400	C6	3500	6500	6740	4

* Written dimensions are only examples, other rated loads and car dimensions on request.

- › F = suitable for loading and unloading operations with a forklift.
- › Door type C4 = 4 panels central doors opening - Door type C6 = 6 panels central doors opening.
- › Max. travel 13,7 m with standard pit depth (1200 mm) and standard headroom (3400 mm).
- › Higher travels are possible with increased pit/headroom. Min pit 1000 mm under certain conditions, see technical information. For other headrooms please contact GMV Sweden office.
- › Max speed GPL 0,63 m/s.
- › GPL car height 2000-3000 mm



6. VEHICLE LIFT VL

6.1 VL 30, VL 35, VL 40, VL 45

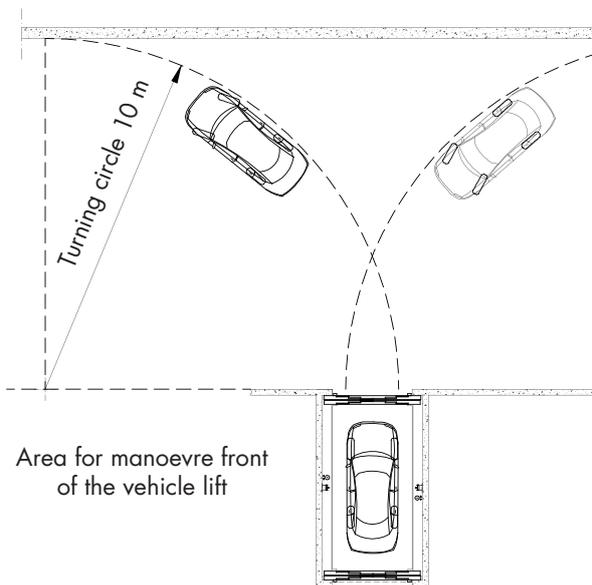
Payload: up to 4500 Kg.

OPTIONS

- › **Floor prepared for winter climate:** collection of snow and water below the floor.
- › **Remote control:** Call the lift easy from the car.

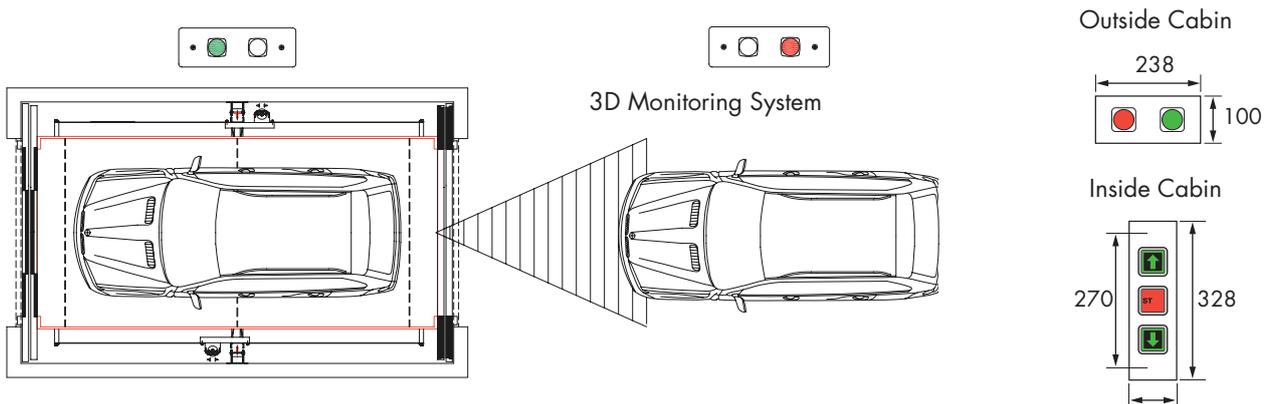
6.1.1 Wall opposite to the vehicle lift

In case of road perpendicular to the car's axis must keep a distance min. 10 m to the opposite wall.

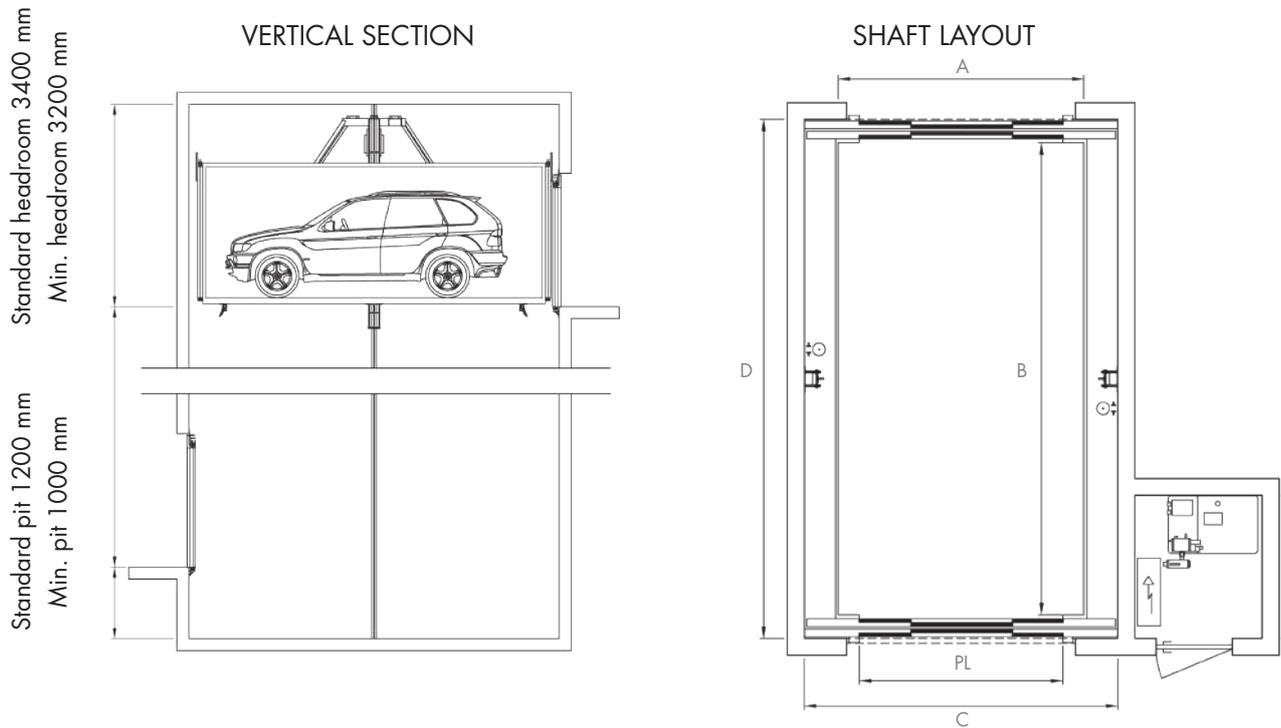


6.1.2 Traffic light system and 3d monitoring system

- › **Traffic Light System:** Light panels to find the correct position of the vehicle inside the cabin and outside the cabin.
- › **3D Monitoring System:** Safety equipment with infrared sensors, which stops door closure by detecting the car presence.



6.1.3 Dimensions VL30, VL35, VL40, VL45



VEHICLE LIFTS STANDARD SIZES*

Lift Type	Rated load (Kg)	Car Dimensions (mm)		Doors (mm)		Shaft Dimensions (mm)			Jacks (N°)	
		A	B	PL	Type	C	D with 1 entrance	D with 2 opposite entrances		
1	VL30	3000	2400	5300	2300	C6	3300	5770	6040	2
2	VL35	3500	2700	5600	2400	C6	3400	6070	6340	2
3	VL40	4000	2800	6000	2600	C6	3700	6470	6740	2
4	VL45	4500	3000	6000	2800	C6	4100	6740	6740	2

* Written dimensions are only examples, other rated loads and car dimensions on request.

- › Door type C6 = 6 panels central doors opening.
- › Max. travel approx. 13,7 m with standard pit depth (1200 mm) and standard headroom (3400 mm). Higher travels are possible with increased pit/headroom. Min pit 1000 mm under certain conditions, see technical information. For other head rooms please contact GMV office.
- › Max speed VL 0,5 m/s.
- › VL car height 2000-2600 mm.

7. GMV EUROLIFT S.A.U

THE MANUFACTURER

GMV Martini S.P.A. is an Italian multinational present for more than 60 years in the global market with 100% made in Italy production and, furthermore, one of the very few companies in the sector in the world to produce 100% of the product.

THE QUALITY

GMV quality systems are certified. GMV has introduced the "6 Sigma" quality concept as a total quality philosophy, up to the complete testing of products which are 100% tested and designed to last at least 10 years. The quality and reliability of GMV products is proven by the fact that 1 million lifts in service all over the world are equipped with our technology.

PRODUCTS

GMV customers are thousands of lift companies in the 5 continents who choose, install and maintain our products. Some of these are certified dealers, who work in synergy with us using the GLOCAL (Global Company Acting Locally) technique to provide the best product with the best service at competitive prices. The maintenance service of GMV lifts can be carried out by any specialized company, making the owner of the product free from constraints. GMV offers a ten-year warranty extension (GMV10) on its lifts for residential buildings, renewable for the entire useful life of the product. This is because the lift is a long-term investment that must last a long time. The availability of GMV original spare parts is guaranteed for 10 years within the GMV10 contract.

GMV products are designed to last over time, without planned obsolescence and have certain and contained management costs. Like all things built well. To ensure maximum safety, the testing of GMV lifts is carried out by independent third parties. GMV offers a complete range of lifting systems at the cutting edge of technology for new buildings, renovations and replacements: lifts, home lifts, bed lifts, goods lifts and vehicle lifts.

GMV IN THE WORLD



* Possibility of warranty extension up to 10 years.



AZIENDA CERTIFICATA
UNI EN ISO 9001
CERTIFIED COMPANY

This document is for information purposes only. We reserve the right to modify at any time the reported specifications, without notice. We recommend that you view actual samples of car finishes, as there may be slight differences to those illustrated in the brochure.



Watch the
GMV
corporate
video

GMV

to win together

GMV EUROLIFT S.A.U.

Polígono Industrial Rosanes II C/ Luxemburgo, 7-17
08769 Castellví de Rosanes (Barcelona) España.

Tel: +34 93 774 57 90
e-mail: comercial@es.gmvgrupo.com
www.gmveurolift.es