



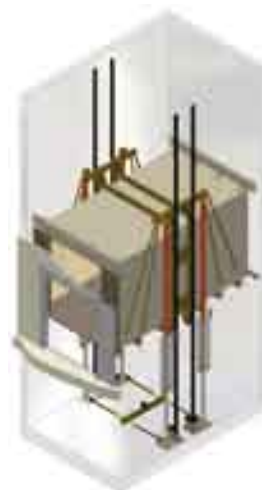
GMV

Goods Passenger lifts

GPL 25, GPL 40,
GPL 40F, GPL 80F

Vehicle lift

VL 30, VL 35



GMV No.1 in the world:
more than 650,000 lifts
with GMV technology



Advantages

SPACE EFFECTIVE

- Reduced overhall shaft dimensions
- Car dimensions to fit the most common vehicle lift

RELIABLE IN SERVICE

- Robust and durable car design
- Door sills designed for forklift truck loading

SAFE

- Type approved in accordance with Lift Directive 95/16/EC
- Power unit and controller are placed in a service friendly machine room
- Automatic return to landing in case of power failure (option)

FLEXIBLE

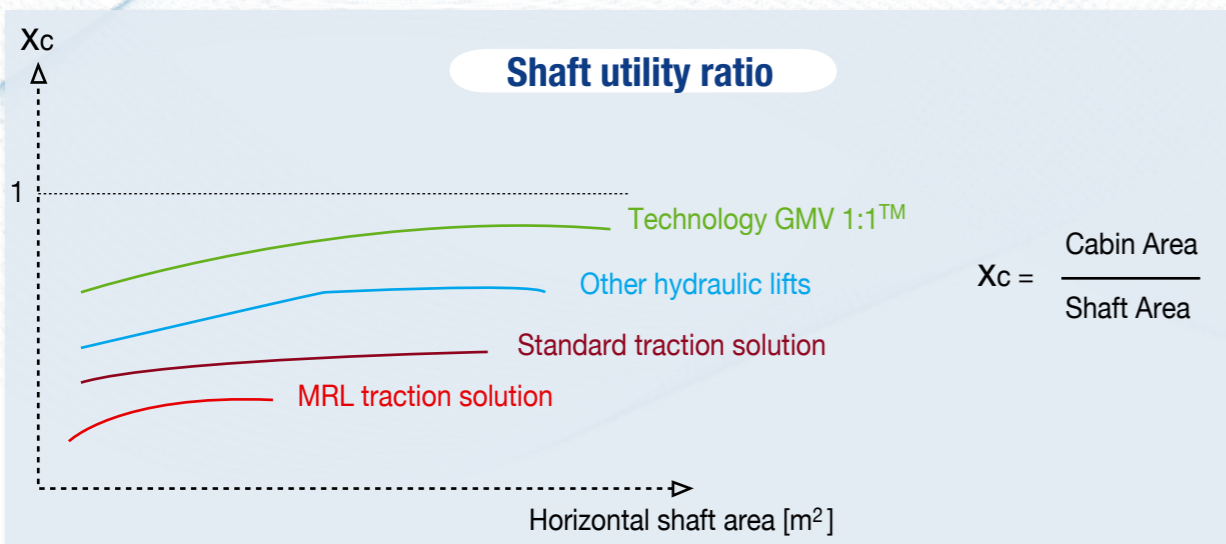
- Modular design which fulfils different customers requirements regarding rated load and car dimensions
- The car frame and jack design result in minimum shaft dimensions in relation to the car size

COST EFFECTIVE

- 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
- Reduced size of guide rail due to lower buckling force as no safety gear is used
- Tubing system is designed with 1 rupture valve for a safe and reliable function
- Lower weight reduces jack and pump/motor size



Car

CAR SPECIFICATION

- **Size** Width 1200-4350 mm
Depth up to 6000 mm
Height 2000-3000 mm
- **Floor** Tear steel plate painted RAL 7004
- **Walls** Zincor plate (not painted)
- **Ceiling** Galvanized steel RAL 9003
- **Bumper** Solid hard wood
- **Sill** Reinforced aluminium as standard and solid steel for forklift model (F)
- **Lighting** Fluorescent, flushed lights T5 standard

CAR OPTIONS

- **Floor** Inox AISI 304 tear plate or Aluminium five bar
- **Walls** AISI 304 Brushed 180, AISI 304 Linen D25, Zincor plate painted RAL 1015, 7030, 7032, 7035
- **Ceiling** AISI 304 Brushed 180
- **Sill** Reinforced Inox

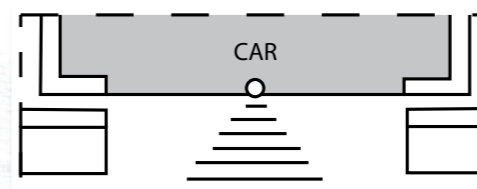
Doors

DOOR SPECIFICATION

- **Size** Width up to 4000 mm
Height up to 2900 mm
- **Operator** VVVF controlled
- **Finish** Painted Epoxi RAL 7032
- **Sill** Reinforced Aluminium
- **Panels** 2, 4 or 6 central opening
- **Protection** Light curtain

DOOR OPTIONS

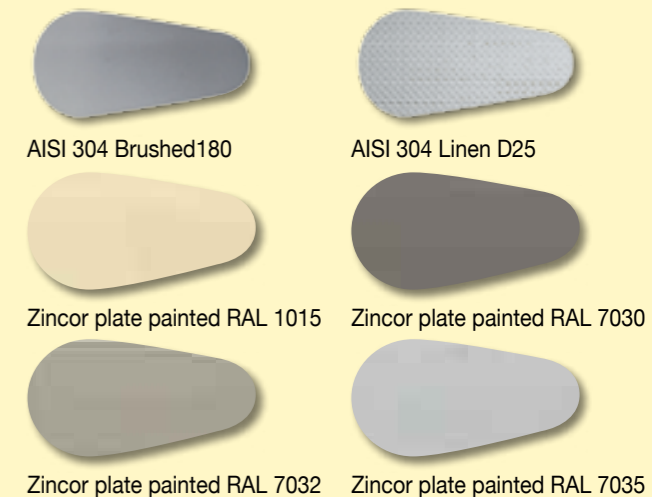
- **Finish** Hairline stainless steel, Linen D25
- **Sill** Solid steel or solid stainless steel
- **Protection** 3D Monitoring system



- **Fire rating** Conforms to local requirements, class E120 - EI30 - EI60 - EI90 - EI120

Colours and materials

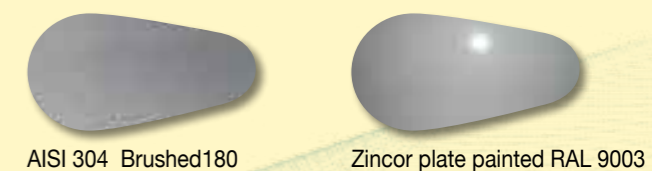
WALLS



FLOORS



CEILING



DOORS



BUMPERS / LIGHTING



Components

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

Carframe FLH and Guide rail

- Carframe design requires a minimum shaft dimension in relation to car size
- Standard guide rail fixings with jacks anchored to the hoistway walls
- Strong and light design for quick installation

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



FLH 25, 40

FLH 80 F

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



Jack EC

Jack 1008

Design certificate
06 - GOT CL - 0043

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



AST 2-jack

AST 4-jack

Design certificate
06 - GOT CL - 0042

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-leveling and main motor start reduction
- Flexible hose between power unit and rupture valve on AST-tubing

Controller, telephone and push buttons

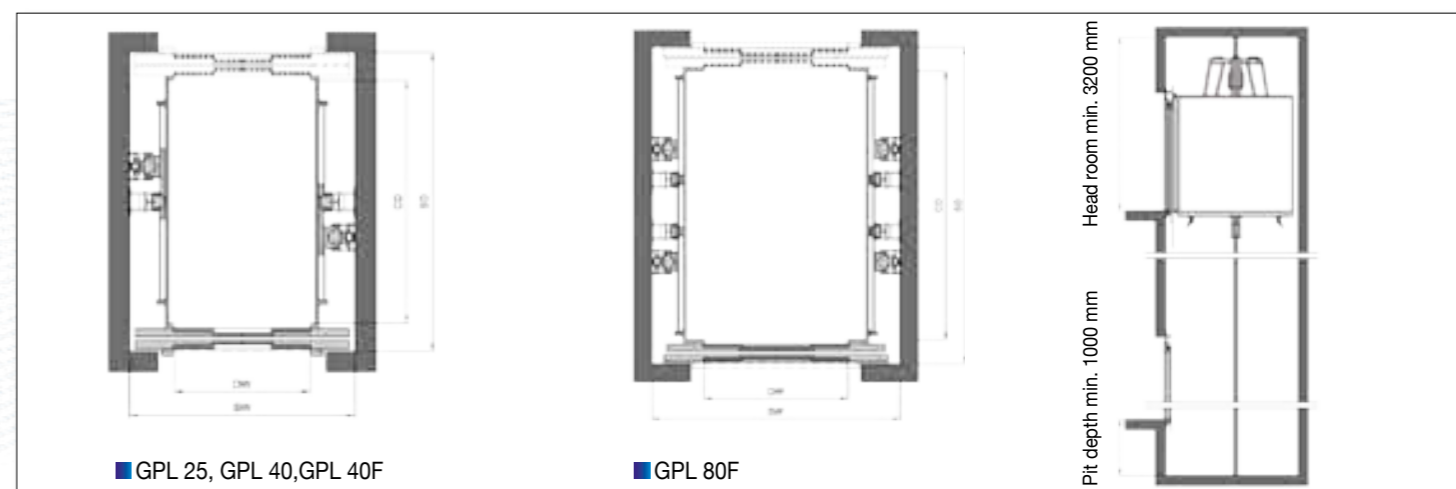
- APB (direct control) or Pick up (memorized direct control)
- Complete pre-wired electric installation to reduce installation time
- Star/Delta start or soft starter is supplied
- Auxiliary motor control for re-leveling
- Emergency telephone conform to EN 81-28
- Push buttons conform to EN 81-70



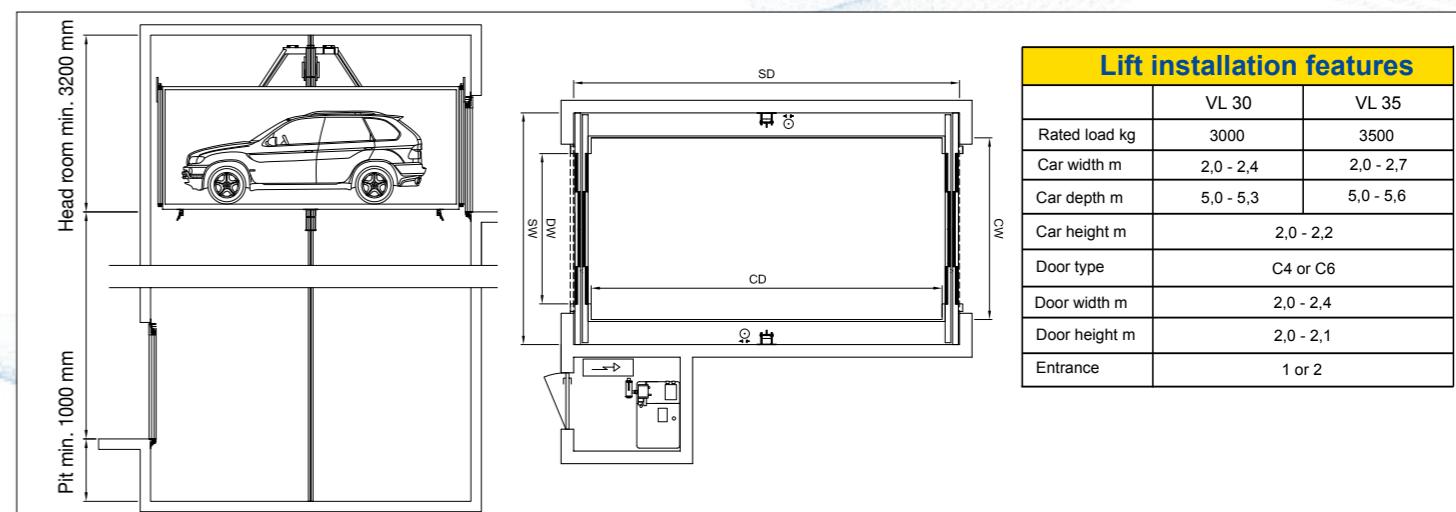
Written dimensions are only examples, other rated loads and car dimensions on request.

GPL 25, GPL 40, GPL 40F, GPL 80F, VL 30, VL 35											
F = suitable for loading and unloading operations with a forklift - VL = vehicle lift											
Lift Type	Rated load	Car area m ²	Car width (CW) mm	Car depth (CD) mm	No. of Jacks	Car height (CH) mm	Shaft width (SW) mm	Door width (DW) mm	Shaft width (SW) min for 4-panel door	Shaft width (SW) min for 6-panel door	Door height (DH) mm
GPL 25	1500-2500	<4,85	1200-1700	1700-3950	2	2200 - 2600	CW + 700 to 1300	Optional DW = (CW-100) mm	1,5 x CW + 200 mm	1,35 x CW + 200 mm	2000 - 2500
GPL 40	2500-4000	<7,15	1700-2700	1700-4200	2						
GPL 40F	2500-4000	<7,04	1700-3200	1700-4100	2						
GPL 80F	4000-8000	<13,5	1700-2900	3000-6000	4	2000-3000					
VL 30	3000	<12,72	2000-2400	5000-5300	2	2000-2200					
VL 35	3500	<15,12	2000-2700	5000-5600	2	2000-2200					
Max speed GPL 0,63 m/s - Max speed VL 0,5 m/s											
Max travel GPL 23,5 m - Max travel VL30 17 m - Max travel VL35 14,8 m											

GPL (Goods and Passenger Lifts)



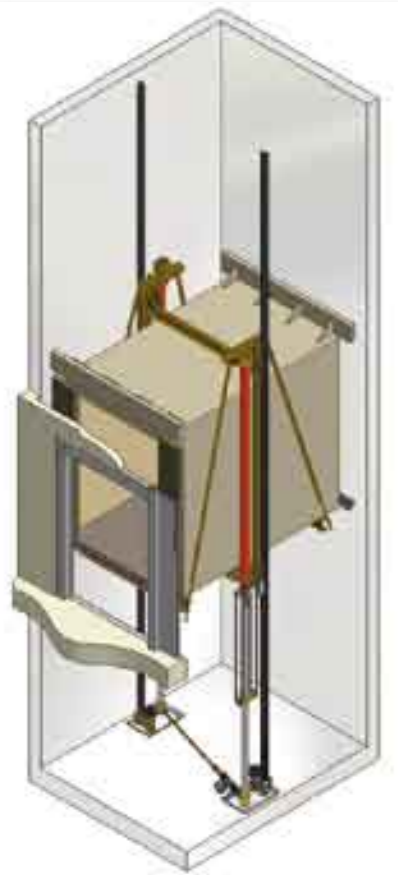
VL (Vehicle Lifts)



GPL (Goods and Passenger Lifts)

GPL 25, GPL 40, GPL 40F

■ Payload: from 1500 to 4000 Kg

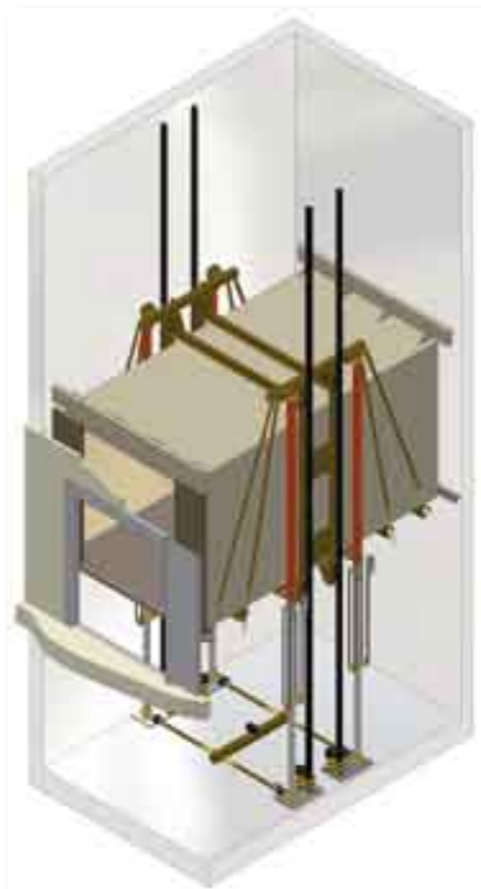


Design certificate
06 - GOT CL - 0045

■ 2-jacks
Passenger/
Goodslifts

GPL 80F

■ Payload: from 4000 to 8000 Kg



■ 4-jacks
Passenger /
Goodslifts
ideal for forklift
loading and
unloading



VL (Vehicle Lifts)

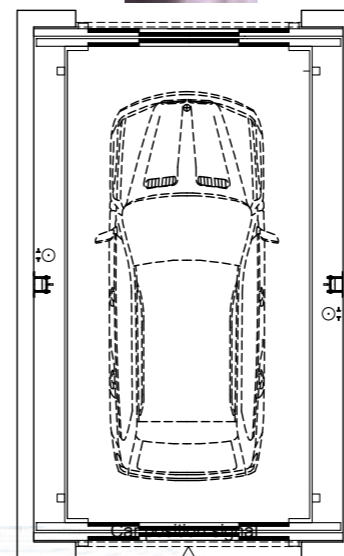
VL 30, VL 35

■ Payload: up to 3500 Kg

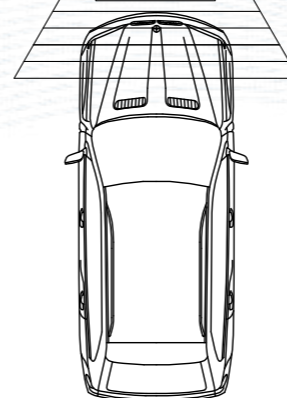
Car position signal



Design certificate
48655-2009-CE-OSL-DNV



3D-monitor
system



3D LIGHT CURTAIN

Safety equipment with infrared sensors, which stops door closure by detecting the car presence up to 0.5 m





GMV in the world



● Distributors
● Partners

- | | | |
|--|---|--|
| ● BELGIUM
LMC INTERNATIONAL n.v. | ● GREECE
OILIFT S.A. | ● POLAND
GMV POLSKA Sp. Z.o.o. |
| ● BRAZIL
GMV LATINO AMERICA ELEVADORES Ltda | ● HUNGARY
ITALIFT KER K.F.T. | ● PORTUGAL
SICMALEVA Lda |
| ● CANADA
OLS-NA Inc. | ● INDIA
LIFT SYSTEMS (INDIA)
PVT. LTD. | ● SPAIN
GMV EUROLIFT, S.A. |
| ● CHINA
BEIJING GMV HYDRAULIC ELEVATOR
COMPONENTS Co. Ltd | ● ISRAEL
AMBAR FORUM INTERNATIONAL | ● SWEDEN
GMV SWEDEN AB |
| ● CZECH REPUBLIC
GMV MARTINI CZ | ● ITALY
TECHNOLIFT S.r.l. | ● TURKEY
BULUT MAKINA ASANSÖR |
| ● FRANCE
OLEODYNE S.A. | ● ITALY
VICTORY S.r.l. | ● UNITED ARAB EMIRATES
GULF ELEVATORS CO. L.L.C. |
| ● GERMANY
OILDINAMIC GMV AUFZUGSANTRIEBE GmbH | ● KOREA
EL - TECH LTD. | ● UNITED KINGDOM
GMV U.K. Ltd |



Italy - GMV S.p.A.
20016 PERO (MI) - Via Don Gnocchi 10
Tel. +39 02 339301 - Fax +39 02 3390379
e-mail: info@gmv.it
www.gmv.it

