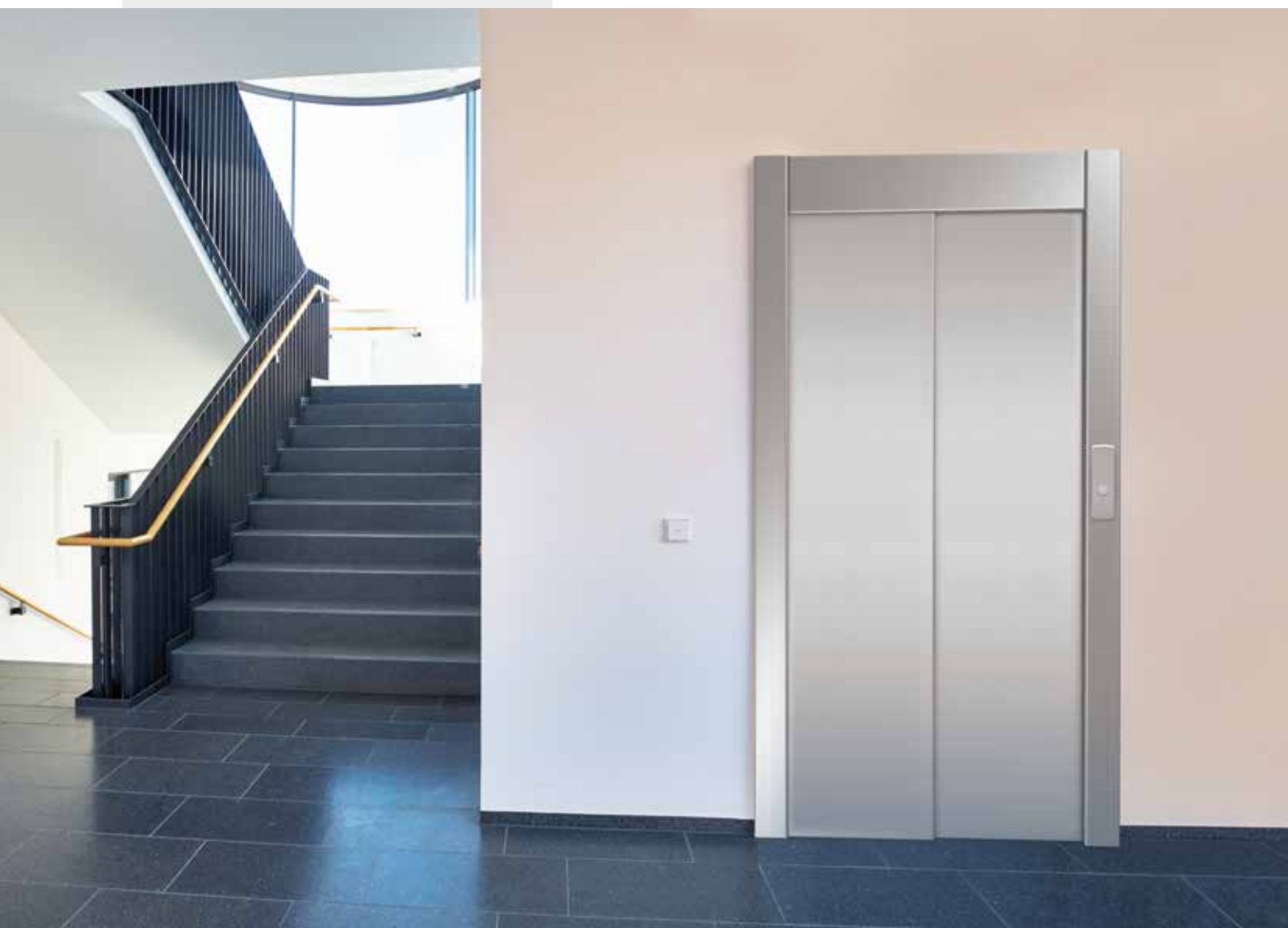




1 million lifts worldwide
with GMV technology



GREEN LIFT TRACTION MRL OMEGA EVO SMART



MAIN REASONS FOR CHOOSING GREEN LIFT TRACTION MRL OMEGA EVO SMART

1

REDUCED SHAFT DIMENSION WITH NO PROJECT LIMIT

- Less space required for the lift system.
- MRL version available.
- Available in version with reduced pit and/or headroom (EN 81.21).
- The best and advantageous alternative for the Standard compartments.
- Explicitly designed for the Standard range.

2

HIGH QUALITY, WHICH PERMITS TO EXTEND THE WARRANTY PERIOD UP TO 10 YEARS

GMV, with its heritage, competences and know-how, is sure of the quality of its products and is the only lift manufacturer company to offer the possibility to have a 10 years warranty extension, thanks to the "Non Proprietary" philosophy or elevators with "Open source" technology.

GMV traction lifts are tested for 1 million cycles (up/down inversions), i.e. for an average use of over 10 years.

3

SAFETY

- The control panel of MRL Omega Evo Smart is located outside the shaft, housed in a specific cabinet on the top floor that can be easily accessed to perform maintenance, repair and emergency operations in complete safety.
- Over speed governor with car parking anti-drift on the floor through which, during parking on the floor, the car is locked to the guides to guarantee greater safety.
- GMV traction lifts have been designed with traction ropes that travel parallel without being subjected to twisting. This allows a useful life of the ropes that is much longer than competitor lifts. For this reason, GMV can guarantee the ropes beyond the normal legal guarantee (even up to 10 years **). These are non-patented polyurethane coated steel ropes with a diameter of 6.5 mm.
- In addition, all lifts are equipped with an emergency device that brings the car back to the floor and opens the doors in the event of a black-out.

4

COMFORT AND ENERGY EFFICIENCY

Smooth acceleration and deceleration, floor levelling and low vibrations, thanks to VVVF encoder control.

Reduced energy consumption, thanks to:

- Macchina gearless.
- LED lightning with standby function (reduced consumption up 75% and 10 times extended duration compared to traditional lights).



*** Condition provided within the GMV10 contract*



OTHER GREEN LIFT TRACTION MRL OMEGA EVO SMART ADVANTAGES:

- **HIGHLY COMPETITIVE PRICE**
within the range of MRL traction lifts.
- **NO DOWNFORCES ON BUILDING STRUCTURE**
thanks to machine positioning, on top of guide rails, that drives forces down to the pit.
- **DESIGN AND CAR FINISHES**
Elegant and minimal design.
The cabin walls, in the standard basic version are provided in **s.b. stainless steel**, a wide range of finishes is also available: plastic laminate and stainless steel.
- **EASY REPERIBLE SPARE PARTS**
Technical information, spare parts, technical tools required for its maintenance and programming are readily available from the manufacturer at the right price.
- **LOW INSTALLATION COSTS**
An innovative certified installation system is available that does not require the use of scaffolding.
- **RELIABLE SERVICE**

WARRANTY EXTENSION TO 10 YEARS is assurance of the quality of the lift - because warranty means quality - and the assurance of having spare parts available for 10 years. It guarantees maximum efficiency and contained costs.

TECHNICAL SPECIFICATIONS

Drive	Traction
Machine	Gearless
Description	<ul style="list-style-type: none"> • MRL lift with machine on top fixed to the guides with ring-shaped frame (with return pulleys at the bottom) for single entrance and opposite double entrance • Drive 2:1 • 350 – 450 – 630 – 900 – 1000 kg payloads • Drive pulleys with 120 mm diameter • Use of 6.5 mm diameter polyurethane coated steel traction ropes • Counterweight placed alongside the cabin guide and counterweight pulley decentralised (for payload up to 630 kg) or centered (for payload of 900 and 1000 kg) and placed on the same axis of symmetry as those of the cabin (GMV patent).
Machine room	Unnecessary
Intended use	Residential, offices, hotels, hospitals, public and private buildings
Conformity to Directives and Standards	<p>Lift Directive 2014/33/UE Electromagnet Compatibility Directive 2014/30/UE Harmonized Norm: EN 81.20/50:2014 (Safety Rules for Elevators) EN 81.28:2016 (Elevator Tele-alarm) On option: EN 81.70:2005 (Architectural Barriers Removal) EN 81.58:2018 (Fire Resistance Doors) EN 81.21:2009 (Short-pit and/or short-headroom) EN 81.73:2016 (Behavior of the lift in case of fire) EN 81.72 (fire-fighting lifts) with fire fighters maneuver</p>
Safety components	<ul style="list-style-type: none"> • Bidirectional progressive grip safety gear • A3 over speed governor with car parking anti-drift on the floor
Electric Components	<ul style="list-style-type: none"> • Control panel on the top floor • Control panel with VVVF variable frequency system • APB, Collective down, collective up and down • Special maneuvering: hospital, fireman, reserved • Pre-wired lines, serial information to cabin • Encoder shaft information • 1 or 2 entrances with contemporary or selective opening • UPS automatic rescue device with doors re-opening • EN 81.28 dialer • GSM interface (optional)
Counterweight	Side counterweight concrete
Schaft type	Concrete/Steel structure

TMC CABIN

> GLT Omega Evo Smart traction lifts are the optimal product for new systems and renovations, with elegant finishes. The cabin is sturdy and light, ideal for low energy consumption lifts. Assembly is simplified. The cabin wall panels can be easily replaced, thus enabling simple and quick restyling.

Let's not forget that the lift represents:

- 50% of the image of a building: those who enter a building spend on average half the time needed to go to their destination, into the cabin lift or in front of the lift.
- A significant improvement in the quality of life in the building: you realize how uncomfortable it is to take the stairs when the lift doesn't work! The usefulness of the lift naturally becomes crucial for the disabled and the elderly, who often cannot do without it.
- Up to 20% of the property value: when evaluating/selling an apartment, the price varies significantly in the presence of a lift.



Visit our
cabin virtual showroom
with a mobile phone,
tablet or 3D viewer.
Scan the
QRcode below
and immerse yourself
in the GMV world!



With GMV
Cabin Designer
you can choose
the most suitable
combination of walls,
floors and doors



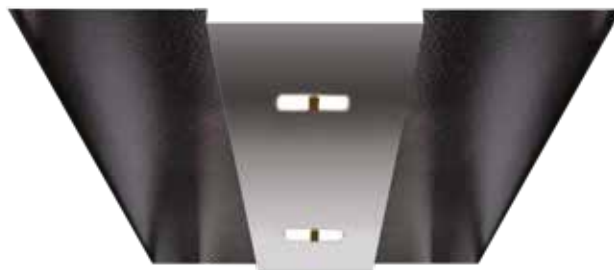
ACCESSORIES AND FINISHES

CEILING LIGHTS

Stainless steel ceiling with LED lighting in CLASSIC and BLADE* versions.



CLASSIC



BLADE

** BLADE version available from April 2022*

CABIN HANDRAIL

Handrail with black epoxy painted aluminium alloy connections. Stainless steel rod diam. 30 mm, compliant with EN 81.70.



BUTTONS

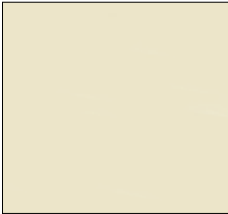
Polycarbonate button structure with embossed digits according to EN 81-70 and Braille. Blue crown lighting for cabin and floor buttons.



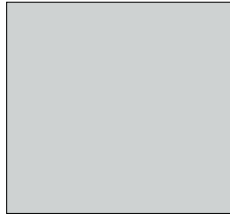
COLOURS & MATERIALS

CABIN WALLS

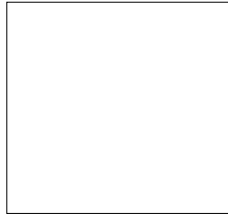
MELAMINE



001 BEIGE



004 LIGHT GREY



005 WHITE

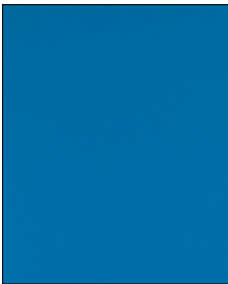


006 CHERRY WOOD

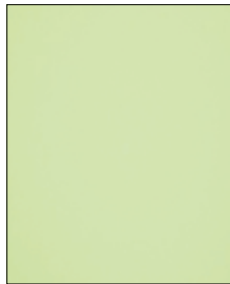


007 OAK

PLASTIC LAMINATE



113 BLUE
(Arpa 0566 R)



118 ACID GREEN
(Arpa 0660 R)



138 COLORADO YELLOW
(Arpa 0523 R)



139 ALPINE BEECH
(Arpa 1286 R)



142 WENGEL
(Arpa 4260 R)



143 NATURAL ZEBRANO
(Arpa 4390 R)

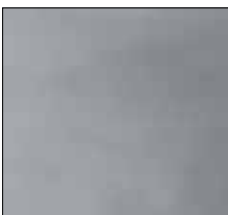


144 OAK
(Arpa 4512 ALV)



145 AMERICAN ASH
(Arpa 4521 ALV)

STAINLESS STEEL



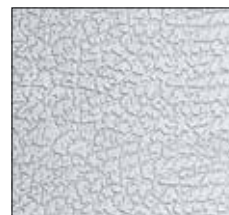
301 SCOTCH BRITE



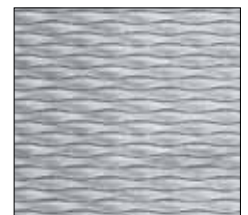
302 CHECKERS



303 LINEN



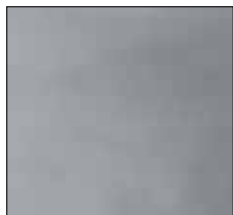
304 LEATHER



305 5WL

LANDING DOORS AND CABIN DOOR PANELS

STAINLESS STEEL



301 SCOTCH BRITE



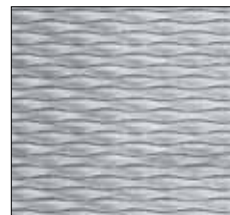
302 CHECKERS



303 LINEN

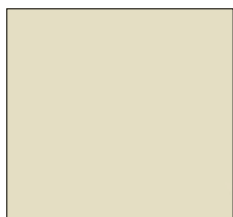


304 LEATHER

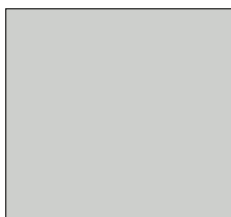


305 5WL

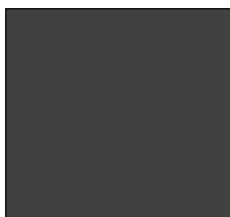
PRE-PAINTED METAL SHEET



201 BEIGE



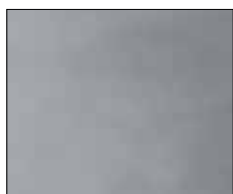
204 LIGHT GREY



205 DARK GREY

CABIN STRUCTURE AND ENTRANCE

STAINLESS STEEL



301 SCOTCH BRITE

FLOOR COATINGS

Possibility of predisposition of the cabin floor for finishes supplied by the customer.

PVC



514 LIGHT GREY



515 DARK GREY

BUTTON PANELS AND LANDING DOORS

FLOOR AND CAR BUTTON PANELS



LANDING DOORS



2 panels telescopic landing doors side opening

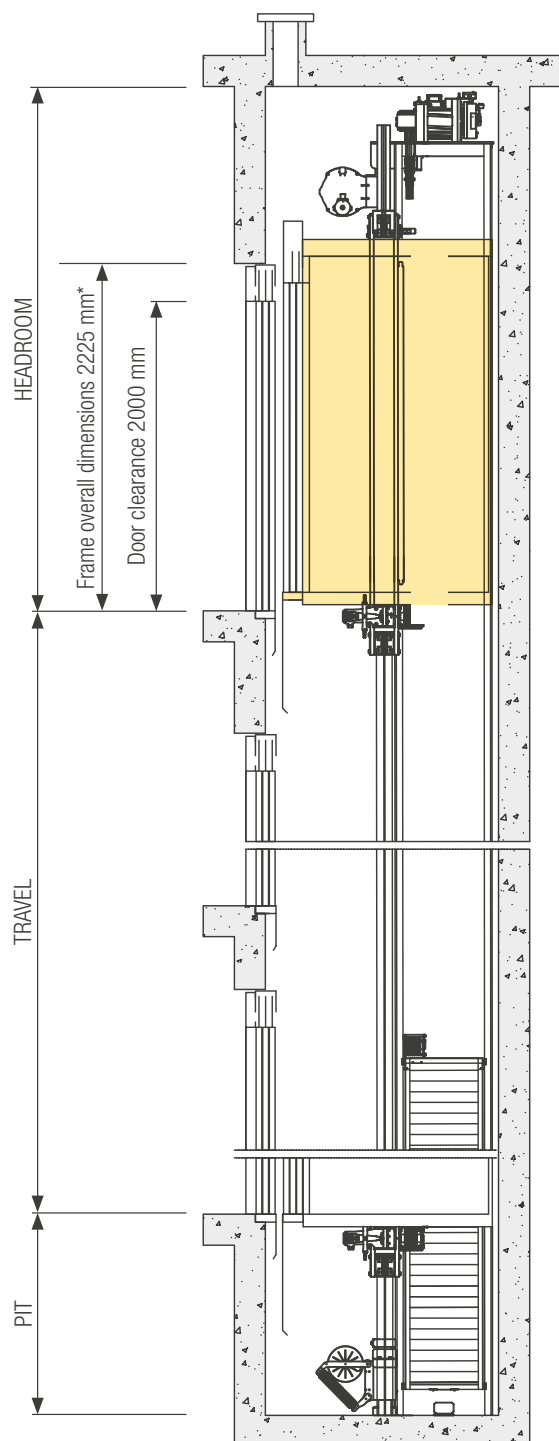
- > Landing doors and cabin doors are made of pre-painted sheet metal (polimod) or stainless steel, with the colours and finishes shown on page 9. They are easy to assemble and adjust and are silent thanks to wheels on ball bearings and with galvanised guides to avoid any paint residues. Fire doors available, tested according to EN 81-58, class EI 60 – EI 90 – EI 120 – E 120. 2 panels telescopic landing doors central opening are available for non-EU markets.

When EI doors frame size only possible 100mm

GLT OMEGA EVO SMART

- > 2:1 traction lift with counterweight positioned next to the cabin guide and decentralised counterweight pulley placed on the same axis of symmetry as those of the cabin (GMV patent).

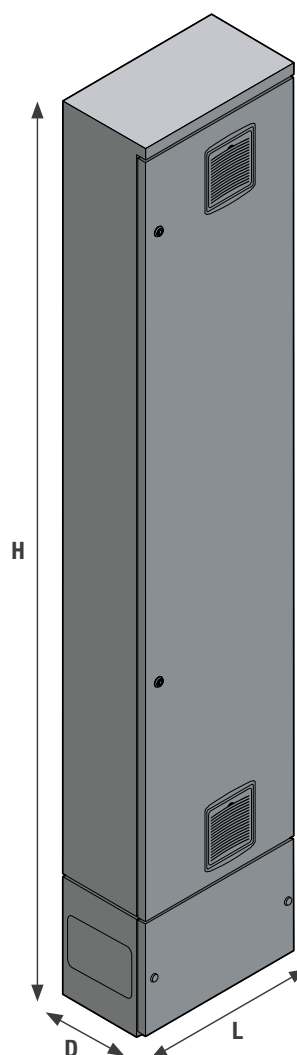
VERTICAL SHAFT SECTION



(*) On request, door clearance 2100 mm with frame overall dimensions 2325 mm.

SPEED (m/s)	1		
No. OF STOPS	2 ÷ 12		
CABIN TRAVEL (m)	3 ÷ 33		
MINIMUM HEADROOM (mm)	EN 81.20	with standard TMC cabin	3400
		with lowered TMC cabin	3200
MINIMUM PIT (mm)	EN 81.20	with standard TMC cabin	1000

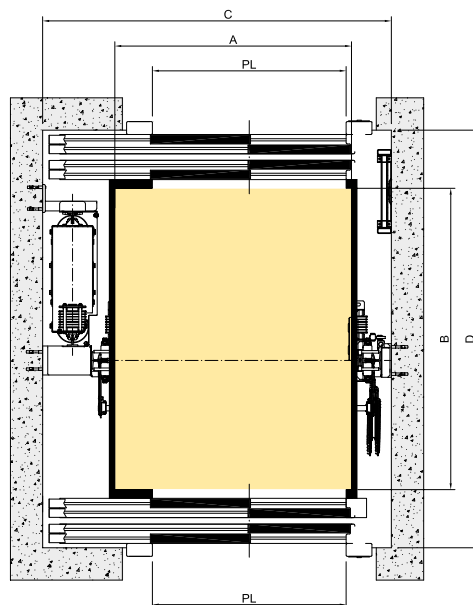
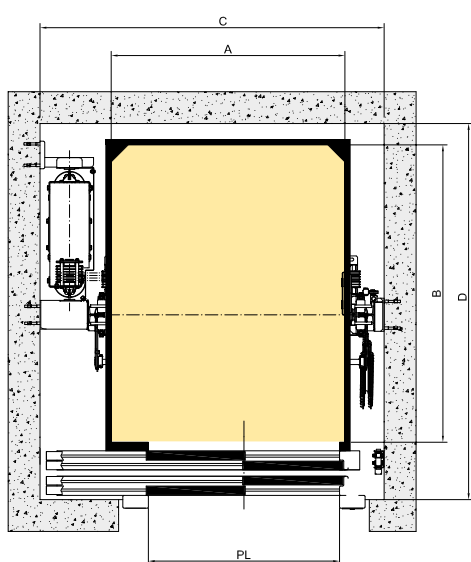
CONTROL PANEL CABINET



H = height 2210 mm
D = depth 280 mm
L = length 400 mm

Painted sheet metal gravel gray (RAL 7032) or coated stainless steel s.b. finishing

SHAFT PLANTS



DIMENSIONS WITH 2 PANELS LANDING DOORS SIDE OPENING

Payload [kg]	No. of passengers	Cabin dimensions [mm]		Entrances [No.]	Clear door opening [mm]	Min. shaft dimensions with 2 panels landing doors side opening [mm]	
		A	B			C	D
350	4	800	1200	1	750	1400	1550
				2 opposite	750	1400	1740
450	6	950	1300	1	800	1450	1650
				2 opposite	800	1450	1840
		1000*	1250*	1	800	1500	1600
				2 opposite	800	1500	1790
		1000*	1300*	1	800	1500	1650
				2 opposite	800	1500	1840
630	8	1100*	1400*	1	900	1600	1750
				2 opposite	900	1600	1940
900	12	1400*	1500*	1	900/1000	1910	1850
				2 opposite	900/1000	1910	2040
1000	13	1100*	2110*	1	900/1000	1600/1760	2450
				2 opposite	900/1000	1600/1760	2650

Non-contractual information subject to shaft conditions. The shaft dimensions refer to lead shafts. The shaft dimensions refer to the dimensions of non-fireproof doors. The measurements shown in the table are indicative. For any feasibility study, contact the GMV sales office. Cabin dimensions indicated in the table with the symbol (*) comply with EN 81.70:2005 standard.



GMV Sweden AB

Sales Office and Factory:

Forsdalavägen 1, Alvesta Sweden)

Tel +46 472 45600

www.gmv.se

THE MANUFACTURER

GMV Martini S.p.A. is an Italian multinational for over 60 years on the global market and 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. 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 worldwide



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.

* Possibility of warranty extension up to 10 years

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04.2022



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with a mobile phone,
tablet or 3D viewer.
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and immerse yourself
in the GMV world!



With GMV
Cabin Designer
you can choose
the most suitable
combination of walls,
floors and doors



Watch the
GMV corporate video