



More than 800.000 lifts worldwide
with GMV technology



HOME LIFTY MRL

MAIN HOME LIFT ADVANTAGES

1

REDUCED SHAFT DIMENSION WITH NO PROJECT LIMIT

- MRL solution with very compact cabinet (L 350 P 260 x H 2000 mm), containing control panel and power unit with dry motor, which can be placed next to a floor door or close to the shaft
- Car with variable sizes
- Available in HOME LIFTY SLIM version with very compact overall dimensions (space required by mechanical equipment reduced to 130 mm) for systems to be inserted in stairwell

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 home lift manufacturer company to offer the possibility to have a 10 Years Warranty Extension.

3

RESPECT FOR THE ENVIRONMENT AND PROTECTION OF THE OWNER

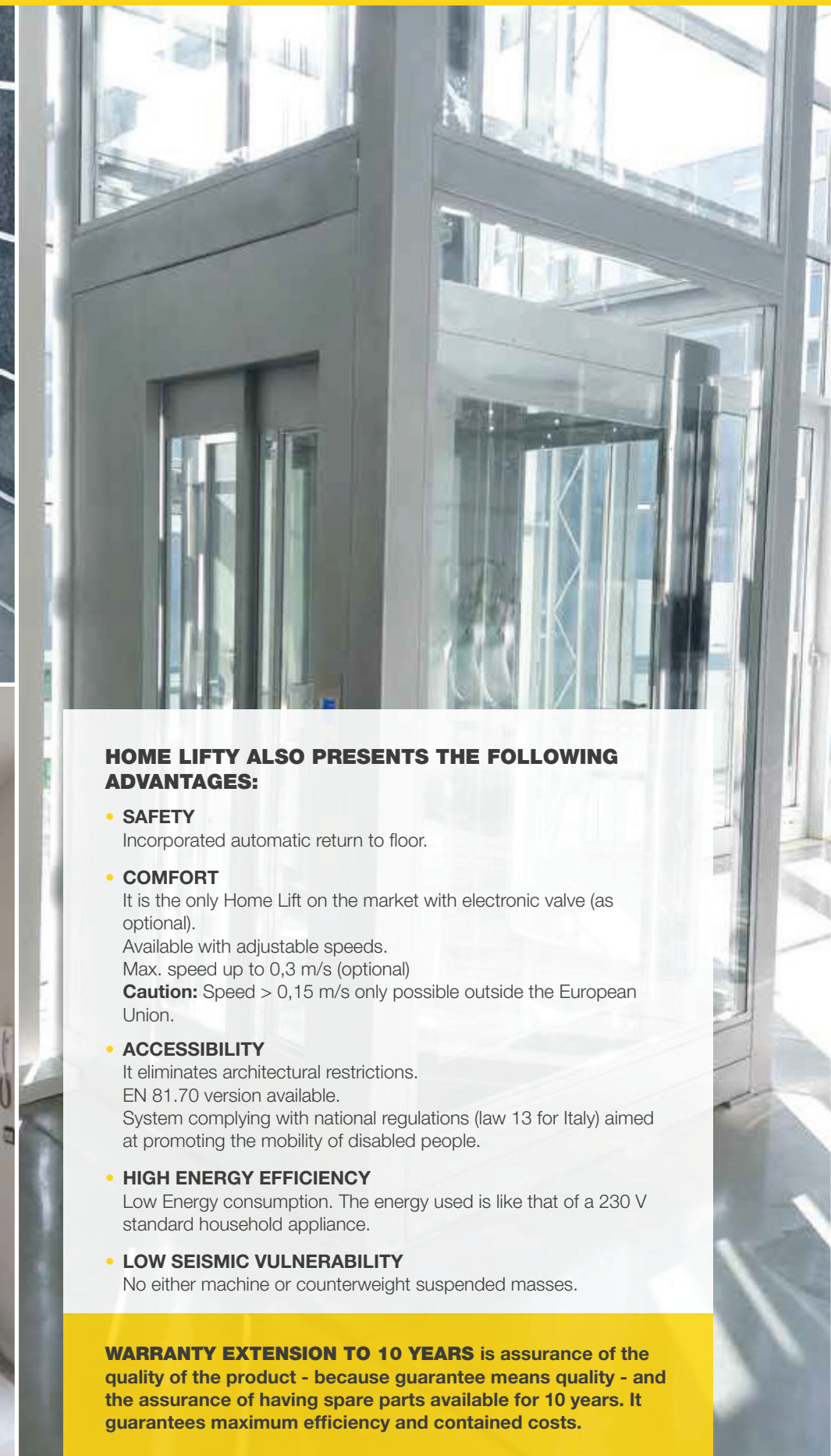
Possibility of using GMV Biodegradable Fluid with biodegradability index > 70%, which protects the owner, in case of accidental spills.

4

IT CAN BE 100% CUSTOMIZED

Adaptable to each customers requirement:

- Extensive range of technical and aesthetic solutions is available
- Possibility to buy only car structure (without panels) and automatic doors without frames to customize car and entrances it in the widest way



HOME LIFTY ALSO PRESENTS THE FOLLOWING ADVANTAGES:

- **SAFETY**
Incorporated automatic return to floor.
- **COMFORT**
It is the only Home Lift on the market with electronic valve (as optional).
Available with adjustable speeds.
Max. speed up to 0,3 m/s (optional)
Caution: Speed > 0,15 m/s only possible outside the European Union.
- **ACCESSIBILITY**
It eliminates architectural restrictions.
EN 81.70 version available.
System complying with national regulations (law 13 for Italy) aimed at promoting the mobility of disabled people.
- **HIGH ENERGY EFFICIENCY**
Low Energy consumption. The energy used is like that of a 230 V standard household appliance.
- **LOW SEISMIC VULNERABILITY**
No either machine or counterweight suspended masses.

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

STANDARD EQUIPMENT

HYDRAULIC COMPONENTS

- HL Compact power unit with mechanical valve or, as an option, with NGV electronic valve, that provides higher safety and energy efficiency.
- Reduced consumption thanks to outer motors (DRY).
- Double safety system incorporated as standard.
- Leveling and electrical emergency system.
- Piston in 1 or 2 pieces.
- Flexible hose.
- Travel comfort: programming upwards speed independent from the down speed.

MECHANICAL EQUIPMENT

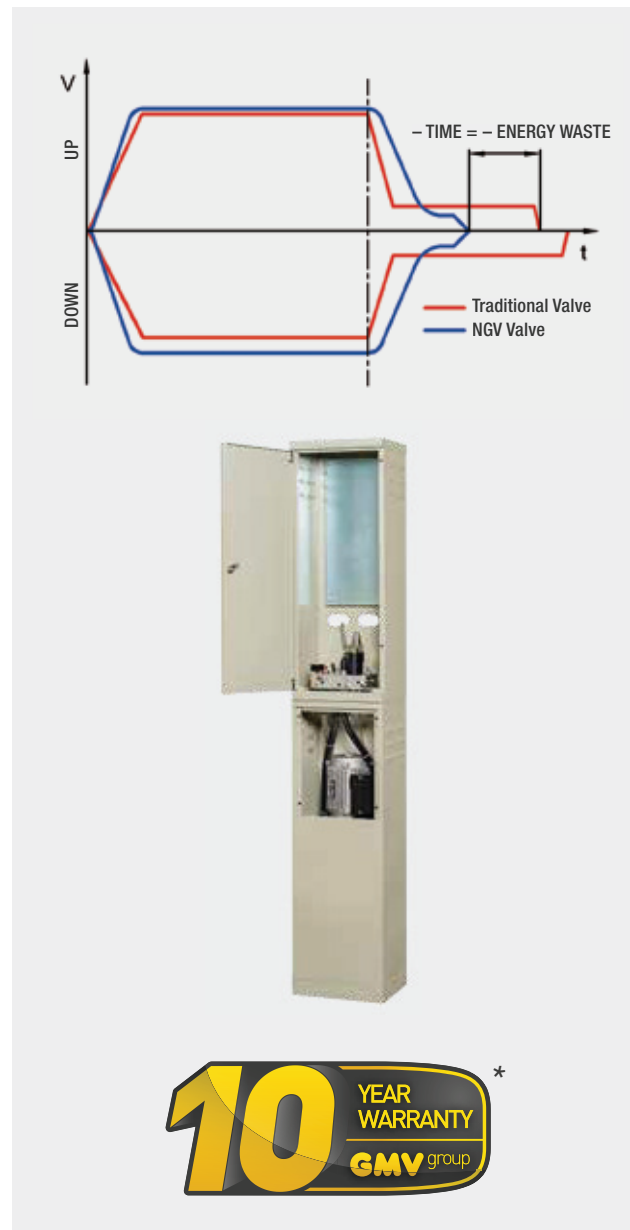
- Car frame 2:1.
- Instantaneous safety devices.
- Mechanical device to perform the trial test for the rupture valve.
- Guide rail type T82, 5000 mm long.

ELECTRICAL EQUIPMENT

- Automatic push-button or constant pressure controller
- EMC certificate
- Pre-wired cables (plug in play).
- Automatic return to floor.
- Single-phase motor 50/50 Hz. Car light timer.

LANDING DOORS

- Automatic doors or hinged semi-automatic doors.
- Certified door locks.



* Possibility of extending the warranty up to 10 years.

SAFETY

SAFETY DEVICES

- Instantaneous safety device
- Pipe bursting valve with CE certificate
- Device for reduced pit for the maintenance phase.
- Visual and acoustic overload indicator
- Light curtain at each entrance

ELECTRICAL EQUIPMENT

- Push button box at every floor
- Emergency stop push button
- Alarm push button
- Emergency light

QUALITY

LIST OF THE AVAILABLE CERTIFICATES

- EMC certificate for the controller and the NGV electronic valve block
- Certificate for fire-rated landing doors
- EC certificate for: pipe bursting valve, landing door locks and Safety devices in the car frame

STANDARDS

- Machine Directive 2006/42/EC
- EN.81.41



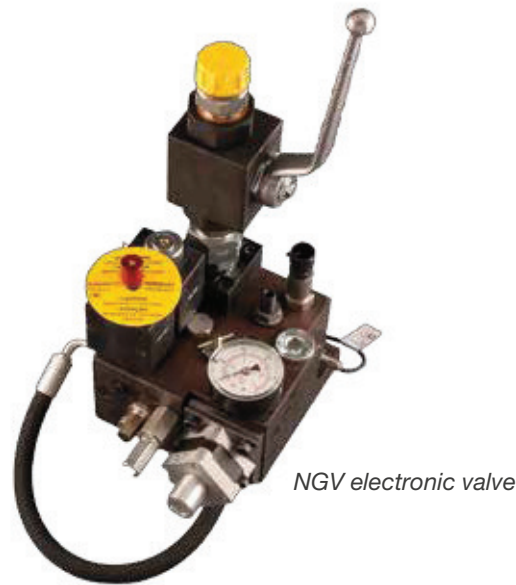
Equipment in compliance with EN 81.41 (safety)

- Pressure switch
- Interphone or intercom inside the car
- Hand pump
- Hold-to-run operation
- Handrail
- Light curtain as per EN 81.41
- Specific information labels as per EN 81.41
- Safety device for reduced pit
- Door clear width: 800 mm
- Lift car sizes as per EN 81.41
- Set of electrical switches


EN 81.70 Version

- Minimum door clear width: 800 mm
- Horizontally sliding car and landing power operated doors
- Minimum car size: 1000 x 1250 mm
- Side handrail
- Half wall mirror
- Precise floor leveling ± 10 mm
- Push button boxes as per EN 81.70
- Vocal indicator at floor arrival, acoustic and visual indicators

TECHNICAL FEATURES



NGV electronic valve

Drive	Indirect hydraulic drive 2: 1
Payload	180 Kg ÷ 500 Kg
Max. n° of passengers	6
Max. number of stops	8
Max. travel	14 m
Max. speed	0,15 m/s *
Motor power	Single-phase motors of 1.5 kW and 2.2 kW at 50 Hz and 60 Hz
Min. pit	130 mm
Min. headroom	2400 mm ÷ 2700 mm (depending on the type of doors)
Lift car	(width) 500 : 1400 mm; (depth) 600 : 1400 mm
Power unit / Cabinet	HL Compact power unit with controller cabinet (dimensions: 350 mm x 260 mm x 2000 mm - width x deep x height)
Energy efficiency	The used energy is like that of the most common household appliances
Fluid	 Biodegradable fluid (optional)
Standard	Machine Directive 2006/42/EC, EN 81.41 (safety)

* Speed up to 0,3 m/s, without certificate and only outside the European Market

CAR WITH VARIABLE SIZE

> GMV home lifts are equipped with an innovative **car designed in a continuous step with variable sizes**, which adapts with “10 mm” step to all existing and new shafts, providing the widest range of finishes. It is a customizable, solid and light car, ideal for low energy consumption systems.



ACCESSORIES AND FINISHES

CEILING PANELS

In stainless steel with LED lighting in CLASSIC, CIRCULAR and BLADE versions.



CAR HANDRAIL AND ANGLE BARS

Handrail with black epoxy painted aluminium alloy connections. Stainless steel rod diam. 30 mm, compliant with EN 81.70. Car angle bars in scotch brite stainless steel (code 301).



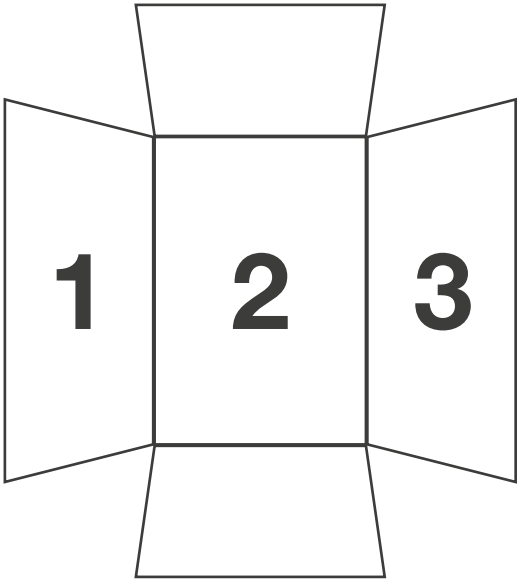
BUTTONS

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



OPEN-VIEW WALLS

Open-view walls with handrail are available.



1	X	X	X
2	X		
3	X	X	X

1	X	X	X
2		X	X
3	X	X	X

1	X	X	X
2			
3	X	X	X

Walls in plastic laminate or stainless steel only

Panel in plastic laminate or stainless steel or glass or mirror

Car button panel module with curved design

Column car button panel or scotch brite stainless steel column


Handrail

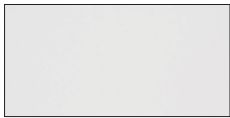







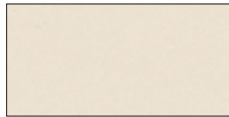
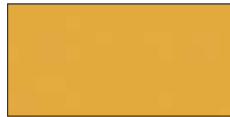















Handrail on scotch brite stainless steel plate

COLOURS & MATERIALS

CABIN WALLS


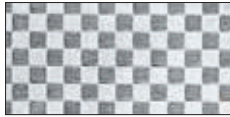


PLASTIC LAMINATE



 114 WHITE LIGHT BLUE (Arpa 0010 R)	 115 STONE GREY (Arpa 0232 R)	 117 LAVENDER (Arpa 0607 R)	 118 ACID GREEN (Arpa 0660 LU)	 120 ORANGE (Arpa 0682 R)
 134 IRON GREY (Arpa 0623 R)	 135 VALENCIA BLUE (Arpa 0569 R)	 136 RED DEVIL (Arpa 0561 LU)	 137 IVORY (Arpa 0200 R)	 138 COLORADO YELLOW (Arpa 0523 R)
 139 ALPINE BEECH (Arpa 1286 R)	 140 ANCIENT WALNUT (Arpa 1890 R)	 141 AOSTA CHERRY (Arpa 1971 R)	 142 WENGEL (Arpa 4260 R)	 143 NATURAL ZEBRANO (Arpa 4390 R)
 144 OAK BARRIQUE (Arpa 4512 ALV)	 145 AMERICAN ASH (Arpa 4521 R)	 146 MERCURY ELM (Arpa 4539 ALV)	 147 RUST (ARPA 3294 LUN)	 148 PORPHYRY GREY (Arpa 3326 MK)
 149 PORPHYRY BLACK (Arpa 3329 MK)	 150 CORTEN SAND (Arpa 3330 LUN)	 151 ALUMINUM (Arpa 2000 SAT)	 152 GOLDEN ALUMINUM (Arpa 2003 SAT)	 153 STEEL BLADE (Arpa 2025 HWK)

STAINLESS STEEL

GLASS


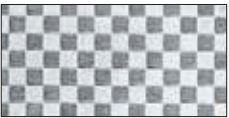


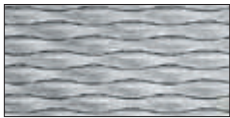




 301 SCOTCH BRITE	 302 CHECKERS	 303 LINEN	 801 GLASS
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CABIN DOOR AND LANDING DOORS PANELS

STAINLESS STEEL

PRE-PAINTED METAL SHEET (POLYMOD)

GLASS










 301 SCOTCH BRITE	 302 CHECKERS	 303 LINEN	 304 LEATHER	 305 5WL
 201 BEIGE	 204 LIGHT GREY	 205 DARK GREY	 801 GLASS	

FLOOR COATINGS

AGGLOMERATE GRANITE

PVC

GOMMA A BOLLI

 601 WHITE	 602 LIGHT GREY	 603 BLACK	 604 DARK BLUE	 605 RED
 501 LIGHT GREY	 502 DARK GREY	 701 GREY	 702 BLACK	

FLOOR AND CAR BUTTON PANELS

- > It is possible to choose between two different lines of floor and car button panels; flat design button panels and curved design button panels. Both lines have a scotch brite stainless steel finish and can be supplied with or without an LCD display.

FLAT DESIGN BUTTON PANELS



CURVED DESIGN BUTTON PANELS



LANDING DOORS



Telescopic landing door 2AT / 2AO



Telescopic landing door 3AT



Telescopic landing door 4AO



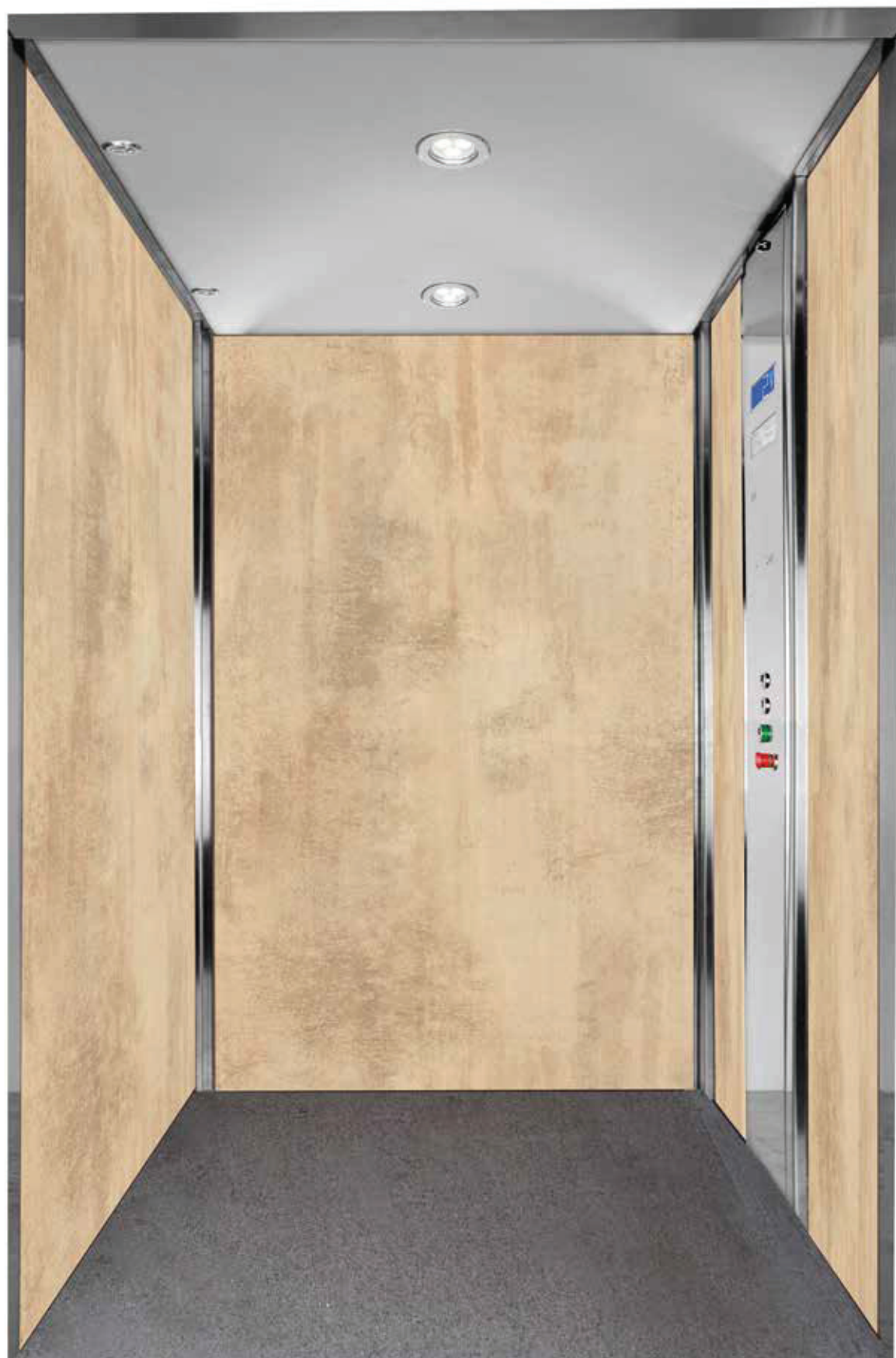
Glass landing doors
(2AT, 3AT, 2AO, 4AO)



Blind, vision panel and panoramic hinged
semiautomatic landing doors

- > Landing doors and car doors are made of pre-painted sheet metal (polimod) or stainless steel or glass, with the colours and finishes shown on page 11. 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 E 60 – E 120 – EI 30 – EI 60 – EI 90 – EI 120. Reduced sills available.

We can provide landing doors without frames to enable maximum freedom when creating building entrances. We must not forget that **the lift represents 50% of the value of a building's image** as those who enter a building spend on average 50% of the time required to reach their destination in a lift or in front of it.



MRL VERSION

> Control panel and drive (power unit with dry motor) are located in a cabinet that can be positioned next to a landing door, or near the shaft (up to 10 m).



PIT DEPTH
MIN. 130 mm

MACHINE ROOM CABINET



H = Height 2000 mm
D = depth 260 mm
W = width 350 mm



SAFETY, SIMPLICITY AND ECONOMY IN MAINTENANCE;
COMPACTNESS AND EASY TO BE FITTED IN EXISTING
BUILDINGS; REDUCED CURRENT NEED, REDUCTION OF THE
QUANTITY OF FLUID, THANKS TO THE DRY MOTOR POWER UNIT

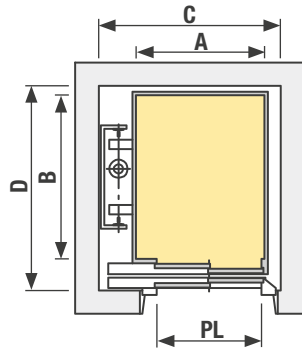
STANDARD DIMENSIONS WITH CONCRETE SHAFT

Payload [kg]	No. of pass.		Car dimensions [mm]	Clear door opening [mm]	1 Minimum shaft dimensions with 1 entrance [mm]			2 Minimum shaft dimensions with 2 opposite entrances [mm]			3 Minimum shaft dimensions with 2 ajacent entrances [mm]		
					Telescopic doors	Swing landing doors - Folding car doors	Swing landing doors - Car without doors	Telescopic doors	Swing landing doors - Folding car doors	Swing landing doors - Car without doors	Telescopic doors	Swing landing doors - Folding car doors	Swing landing doors - Car without doors
			A x B	PL	C x D	C x D	C x D	C x D	C x D	C x D	C x D	C x D	C x D
180	2	-	800x800	700	1250x1550	1250x1050	1250x1050	1250x1340	1250x1140	1250x1120	-	-	1300x1100
250	3	-	800x1000	700	1250x1350	1250x1250	1250x1250	1250x1540	1250x1340	1250x1320	1450x1450	1350x1300	1300x1250
			800x1200	750	1350x1550	1300x1400	1300x1450	1350x1740	1300x1460	1300x1520	1500x1550	1350x1450	1300x1450
			800x1250	750	1350x1600	1300x1450	1300x1500	1350x1790	1300x1510	1300x1570	1500x1600	1350x1500	1300x1500
		-	850x1000	750	1350x1350	1300x1250	1300x1250	1350x1540	1300x1340	1300x1320	1550x1550	1400x1300	1350x1250
		-	900x1000	800	1400x1350	1350x1250	1350x1250	1400x1540	1350x1340	1350x1320	-	1450x1350	1400x1250
		-	900x1100	800	1400x1450	1350x1350	1350x1350	1400x1640	1350x1440	1350x1320	-	1450x1400	1400x1350
		-	1000x1000	800	1450x1350	1450x1250	1450x1250	1450x1540	1450x1340	1450x1320	-	1550x1350	1500x1250
320	4		800x1300	750	1350x1650	1300x1500	1300x1450	1350x1840	1300x1560	1300x1620	1500x1650	1350x1550	1300x1550
			900x1200	800	1400x1550	1350x1450	1350x1450	1400x1740	1350x1540	1350x1520	-	1450x1500	1400x1450
			900x1250	800	1400x1600	1350x1500	1350x1500	1400x1790	1350x1590	1350x1570	1600x1600	1450x1550	1400x1500
			900x1400	800	1400x1750	1450x1650	1450x1650	1400x1940	1350x1740	1350x1720	1600x1750	1450x1700	1400x1650
			1000x1250	800	1450x1600	1450x1500	1450x1500	1450x1790	1450x1590	1450x1570	1650x1600	1550x1550	1500x1500
			1100x1250	800/900	1550/1600 x1600	1550x1500	1550x1500	1550/1600 x1790	1550x1610	1550x1570	1750x1600	1650x1550	1600x1500
400	5		1100x1300	800/900	1550/1600 x1650	1550x1550	1550x1550	1550/1600 x1840	1550x1640	1550x1620	1750x1650	1650x1600	1600x1550
			1100x1400	800/900	1550/1600 x1750	1550x1650	1550x1650	1550/1600 x1940	1550x1740	1550x1720	1750x1750	1650x1700	1600x1650
			1200x1250	800/900	1650x1600	1650x1500	1650x1500	1650x1790	1650x1590	1650x1570	1850x1600/ 1750	1750x1550	1700x1500

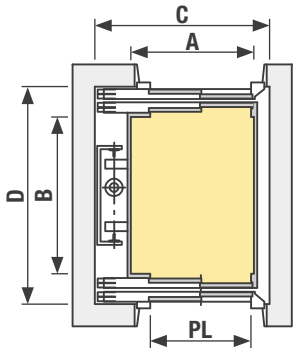
Non-contractual information subject to conditions of use. Shaft dimensions refer to orthogonal spaces. For feasibility of any solution, not present in the table, please contact GMV Sales Office. Central opening two - panel door on request. For car or shaft sizes not indicated in the table, please contact GMV sales office. For car or shaft sizes not indicated in the table, please contact GMV sales office.

Concerning variants, finishes and payloads described in this brochure, GMV is able to supply **HOME LIFTS WITH STANDARD DIMENSIONS** (see table above in relation to HOME LIFTY MRL variant), but also, thanks to the continuous step designed car, **“HOME LIFTS WITH VARIABLE SIZES”**, ie with car sizes that can vary with “10 mm” step. In addition to the categories indicated, GMV offers **“NON-STANDARD HOME LIFTS”** for which it is required to contact GMV sales office.

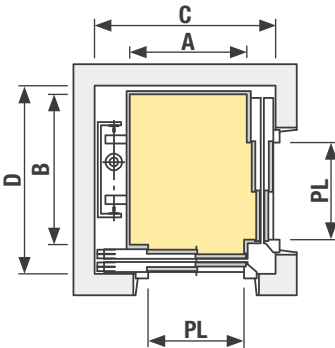
1 Shaft plan with 1 entrance



2 Shaft plan with 2 opposite entrances



3 Shaft plan with 2 adjacent entrances



Accessible for wheelchair/with accompanying person as per EN 81 -41, law 13 Italy; starting from car size 1100 x 1250 mm with PL >= 800 mm min. and with telescopic automatic doors, also according to EN 81 -70



Accessible for wheelchair, only according to law 13 Italy



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GMV worldwide



GMV's quality systems are certified. Furthermore, we have introduced the "6 sigma" concept as a total quality philosophy, up to the complete testing of the products.

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.