



GMV / 2025.01

TRIDENT



TRIDENT GMV

TRIDENT . GMV worldwide



GMV is a multinational group producing lift components and systems. Until now the brand has not been publicized in the construction industry, but it is well-known to operators in the specific lift sector, as some 1,000,000 lifts around the world move using GMV technology (in Europe, approximately 1 lift in 6 is fitted with GMV-manufactured components). The group has bases in 3 continents and operates worldwide.

GMV offers a comprehensive range of state-of-the-art elevator systems for new builds, restorations and replacements: lifts, home lifts, hospital lifts, goods passenger lift and vehicle lifts.



GMV's quality systems are certified. We reserve the right to modify the reported Furthermore, we have introduced the "6 sigma" specifications, in any part, without notice. concept as a total quality philosophy, up to the complete testing of the products.



HOME LIFTY TRACTION

Traction Platform / Italy Design / EU Norm / 10 Year Warranty / Safety / Green



TRIDENT



67

67 Years of market experience, contributing to make GMV a solid, reliable and global group

1,000,000

One million elevators worldwide with GMV technology

36,000

36,000 Complete elevators sold up to 2024

400

400 People working world wide for GMV with great professionalism



ADVANTAGES OF TRACTION PLATFORM LIFT



EURO Norm

Our products strictly follow EU 2006/42/EC and EN 81-41, and the unique TPU coated rope traction drive system operates quietly, while also being more stable and safe.



ITALIAN DESIGN

The product design combines elegance, delicacy, and functionality, emphasizing a perfect balance between details and proportions. It is based on humanistic considerations and high-quality craftsmanship, pursuing simple and smooth lines and elegant curves.



HIGHLY CUSTOMIZED

You can participate in the lift design process when choosing a lift. GMV lifts provide various options (such as background board, ceilings, displays, shafts, etc.) to open up your imagination, customize personalized elevators, integrate into your home space, and show your personality.



INTEGRATED SHAFT

It can be installed in vertically connected spaces, making it easy to install even if you have already live in.

HOME LIFTY TRACTION

MAIN FEATURES

LOAD CAPACITY: 180KG, 250KG, 320KG, 400KG	Minimum Head: 2300mm
Speed: 0.15m/s	Maximum Travel: 18m
Minimum Pit: 80mm	Complies with: 2006/42/EC and EN81-41



CLASSICS

Genova

HOME LIFTY TRACTION

Higher manufacturing standards, reliable product design, 100% testing ensure the high quality of each home lift. All key imported components of the V200 provide 10 years warranty to our end customer.

Ceiling	Black Titanium Mirror SUS304, Hidden LED Line
Rear Panel	Vertical LED Panel
Side Panel	5+0.76+5 Tempered Laminated Glass
Handrail	6203 COP Integrated Handrail

2901 SPACE GRAY



Shaft Color	Floor Option	Glass Option
SPACE GRAY	ARTISAN	Light Brown

Modern Style

Features: Simple lines, neutral color such as black, white and gray.

2902 RAIN WHITE



Shaft Color	Floor Option	Glass Option
RAIN WHITE	ARTISAN	Transparent

North EU Style

Features: Light colored wood, natural light, warm and comfortable space.

2903 TYLISH GOLD



Shaft Color	Floor Option	Glass Option
TYLISH GOLD	ARTISAN	Light Brown

Luxurious EU Style

Features: Gorgeous decorations, golden color, exquisite furniture.



PREMIUM
Genova
HOME LIFTY TRACTION

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Ceiling	Black Titanium Mirror SUS304, Hidden LED Line
Rear Panel	Vertical LED Panel
Side Panel	5+0.76+5 Tempered Laminated Glass
Handrail	6203 COP Integrated Handrail

2911 TYLISH GOLD



Shaft Color	Floor Option	Glass Option
TYLISH GOLD	ARTISAN	Transparent

Future Technology Style

Features: Smart home, metal and glass materials, warm color like red.

2912 RAIN WHITE



Shaft Color	Floor Option	Glass Option
RAI WHITE	ARTISAN	Light Brown

French Romantic Style

Features: Elegant lines, Soft line such as pink and light blue, match with exquisite decoration.

2913 SPACE GRAY



Shaft Color	Floor Option	Glass Option
SPACE GRAY	ARTISAN	Light Gray

Mediterranean Sea Style

Features: Blue and white color scheme, arched doors and windows, natural materials such as stone and wood.

Shaft Color Option



The ECO-FRIENDLY coating selected by GMV has the advantages of excellent protection level, corrosion resistance, precise coating thickness, non discoloration, and long-term gloss retention.

Shaft Glass Option

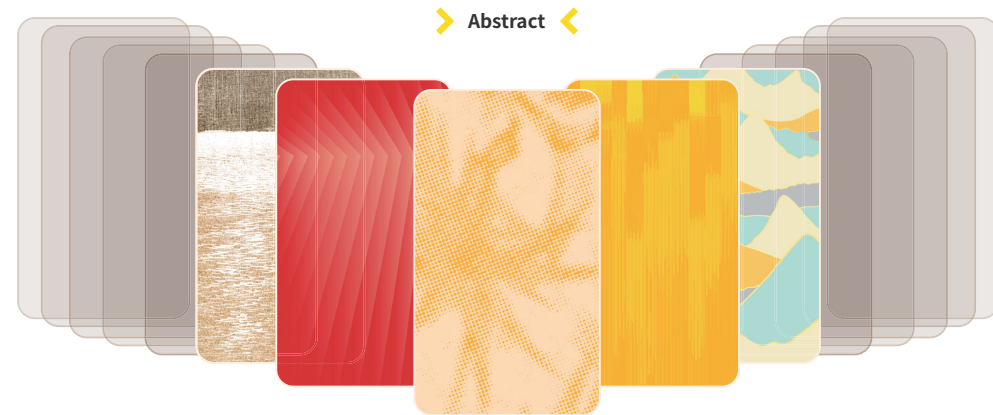


LAMINATED TOUGHENED\SAFETY GLASS

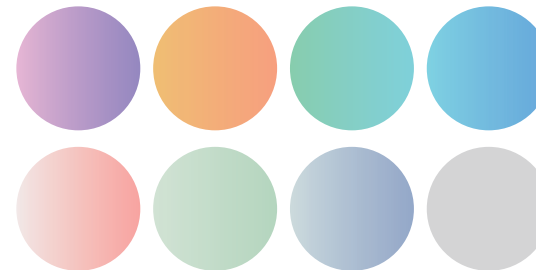
5+0.76+5 Tempered Laminated Glass

High strength, impact resistance, sound insulation, heat insulation, UV protection.

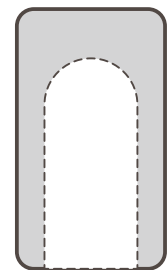
Artistic Background



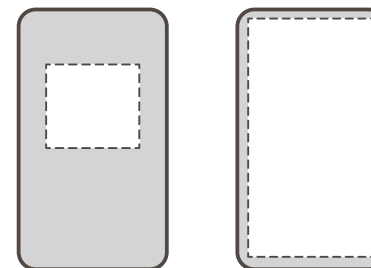
Pure Color



Special Design



Customize



Partial Customize

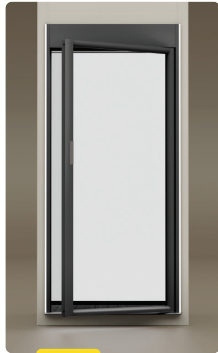
Fully Customize

- Highly uniform luminous surface
- LED strips on 4 sides for greater brightness

Eye security: IEC 62471
Protection: EN 60529
Safety Requirements: EN62031 IEC 60598-1
EMC: EN55015

Door Option

Multiple door opening options to meet your personal needs



9201

Manual Door



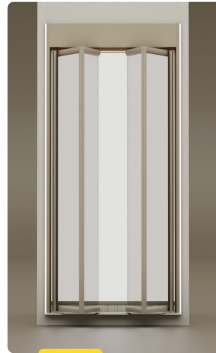
9202

Auto Single Swing Door



9203

Auto Double Swing Door



9204

Auto 4-Folds Swing

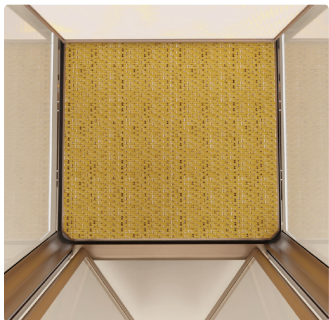
IMPORT

Imported from Europe

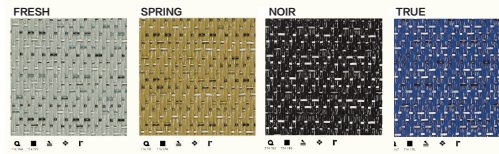
Floor Option

- ECO-Friendly: 100% WITHOUT PAEs
- WEAR-RESISTING : 25000 times roller tests

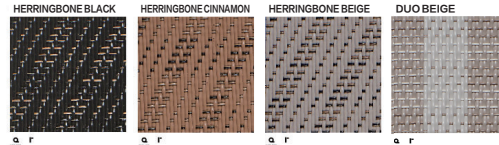
- FIREPROOF: EN 13501-1_ BfLS1
- ANTI-SLIP: AS 4586-2013: R10



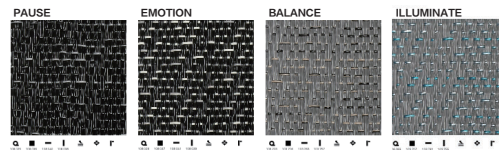
ARTISAN



GRAPHIC



SILENCE



COP/LOP

The full touch panel displays all relevant status information about your lift, ensuring you a safe and comfortable journey from the moment you press the call button.

6203

Standard COP

Glass faceplate, black/white, TFT touch button



6204

High Range COP



15.6 inch Deep experience HD LCD screen
Full control over your lift,
control the fan speed and light intensity,
and play all your favorite songs during
your ride.

7205

Smart Call Button



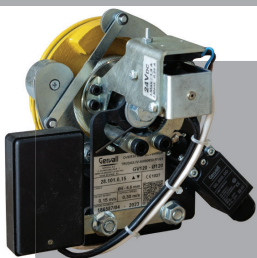
1.28 inch TFT touch screen

TRIDENT

GMV-MTCC-V2

CONTROL CABINET

Max Running Speed	1.5m/s
Output Frequency	0-100Hz
Brake Voltage	110VDC/300W
Input Voltage	230/400 VAC
Adaptive Motor	Traction motor
Brake Resistor	Build-out
Installation Mode	Wall-mounting type
Selectable Function	WIFI IoT module WIFI IoT
Cabinet Size	1100 x 200 x 100 mm

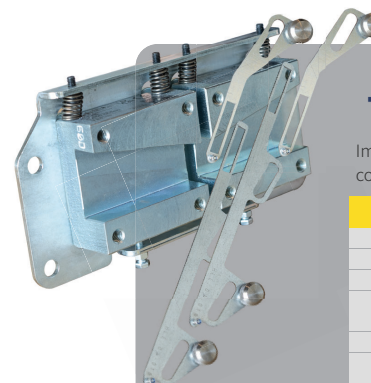
**IMPORT**

GMV-GV120

TRIDENT**OVERSPEED GOVERNORS**

Original imported from Europe
Both up and down overspeed can effectively trigger the safety clamp action, and it also has UCMF function

Pulley	Rope	Nominal Speed	Tripping Speed
Φ 120mm	Φ 4-6.5mm	≤1.65m/s	0.3-2.2m/s

**TRIDENT**

GMV-SH8

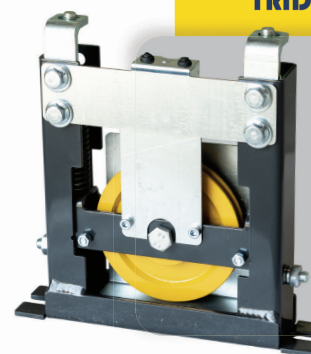
IMPORT**SAFETY DEVICE**

Imported from Europe, Both up and down can be braked, providing more comprehensive protection.

Tripping speed [m/s]	Maximum Total Load [Kg]		
	7mm	8mm	9mm
0.50	1360	1605	2139
0.60	1308	1544	2058
0.70	1252	1478	1970
0.80	1193	1409	1877
0.90	1133	1338	1782
1.00	1072	1266	1687
1.10	1013	1195	1593
1.20	954	1126	1501
1.32	887	1047	1395
1.65	722	852	1136

TRIDENT

GMV-GV120

IMPORT**TENSION DEVICE**

The Tension and Governor wheels are on the same plane and fixed to the ground with chemical anchor bolts or expansion bolts.

ATTENTION:

The depth of mounting hole should be at least 100mm, after the set is pressed by a nut and washer with bolt M12, or in the case of expansions screws by pressing the screw itself.

2:1	Load		Ø	Ropes	Pitch	Torque	Power	RPM	Freq.	Current 230V	Current 400V
	kg	m/s	mm	max	mm	Nm	kW	RPM	Hz	A	A
	180	0.15	120	6xØ6.5	12	35	0.47	48	6.4	2.9	2.4
	250	0.15	120	6xØ6.5	12	49	0.65	48	6.4	4.1	3.3
	320	0.15	120	6xØ6.5	12	63	0.84	48	6.4	5.3	4.3
	400	0.15	120	6xØ6.5	12	78.9	1.10	48	6.4	6.3	5.4

**GEARLESS DRIVING MACHINE****TRIDENT**

GMV-MGX19

TPU COATED ROPE**TRIDENT**

GMV-TP6.5

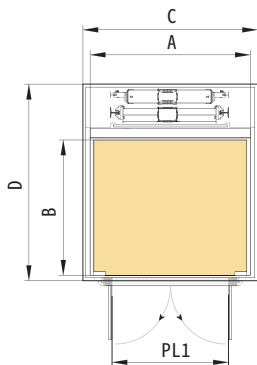
IMPORT

Imported from Europe, certified by TUV. TPU Coated rope provides longer service life protection for the traction machine while being silent

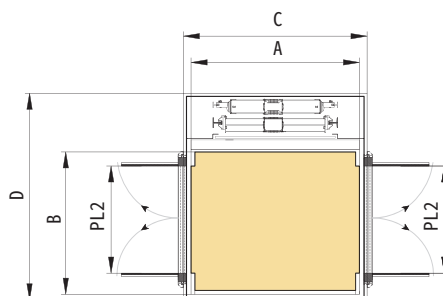
Nominal Diameter D	6.5mm
Diameter Inner Steel Rope d	5mm
Rope Construction	7x7+7x19 W sZ
Lay and Direction	Right-hand regular lay
Nominal Wire Strength R	>1770N/mm ²
Minimum Breaking Load F	28kN



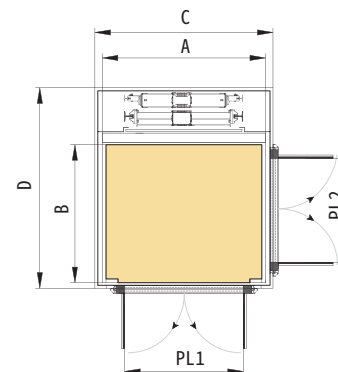
1 Minimum Shaft plan with 1 entrance [mm]



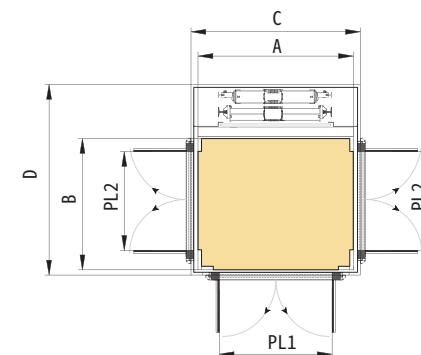
2 Minimum Shaft plan with through entrances [mm]



3 Minimum Shaft plan with 2 adjacent entrances [mm]



4 Minimum shaft dimensions with 3 entrance rear frame [mm]



STANDARD DIMENSIONS WITH ALUMINIUM SHAFT

Size	Payload [kg]	HL type cabin dimensions [mm]	Clear door opening [mm]		1 Minimum shaft dimensions with 1 entrance [mm]			2 Minimum shaft dimensions with through entrances [mm]			3 Minimum shaft dimensions with 2 adjacent entrance [mm]			4 Minimum shaft dimensions with 3 entrance rear frame [mm]		
					Manual/Single Swing Door	Auto Double Swing door	Auto 4-Folds Swing Door	Manual/Single Swing Door	Auto Double Swing door	Auto 4-Folds Swing Door	Manual/Single Swing Door	Auto Double Swing door	Auto 4-Folds Swing Door	Manual/Single Swing Door	Auto Double Swing door	Auto 4-Folds Swing Door
		A×B	PL1	PL2	C×D	C×D	C×D	C×D	C×D	C×D	C×D	C×D	C×D	C×D	C×D	C×D
S	180	860x560	650	-	960x1060	960x1060	-	-	-	-	-	-	-	-	-	-
		860x760	650	600	960x1260	960x1260	-	960x1260	960x1260	-	960x1260	960x1260	-	960x1260	960x1260	-
		910x760	700	600	1010x1260	1010x1260	-	1010x1260	1010x1260	-	1010x1260	1010x1260	-	1010x1260	1010x1260	-
M	250	910x860	700	700	1010x1360	1010x1360	-	1010x1360	1010x1360	-	1010x1360	1010x1360	-	1010x1360	1010x1360	-
		960x910	750	750	1060x1410	1060x1410	-	1060x1410	1060x1410	-	1060x1410	1060x1410	-	1060x1410	1060x1410	-
		1010x910	800	750	1110x1410	1110x1410	1110x1410	1110x1410	1110x1410	1110x1410	1110x1410	1110x1410	1110x1410	1110x1410	1110x1410	1110x1410
L	320	1110x910	800	750	1210x1410	1210x1410	1210x1410	1210x1410	1210x1410	1210x1410	1210x1410	1210x1410	1210x1410	1210x1410	1210x1410	1210x1410
		1110x960	800	800	1210x1460	1210x1460	1210x1460	1210x1460	1210x1460	1210x1460	1210x1460	1210x1460	1210x1460	1210x1460	1210x1460	1210x1460
		1160x960	800	800	1260x1460	1260x1460	1260x1460	1260x1460	1260x1460	1260x1460	1260x1460	1260x1460	1260x1460	1260x1460	1260x1460	1260x1460
XL	400	1350x1100	900	900	1450x1600	1450x1600	1450x1600	1450x1600	1450x1600	1450x1600	1450x1600	1450x1600	1450x1600	1450x1600	1450x1600	1450x1600
		1400x1050	900	850	1500x1550	1500x1550	1500x1550	1500x1550	1500x1550	1500x1550	1500x1550	1500x1550	1500x1550	1500x1550	1500x1550	1500x1550
		1400x1100	900	900	1500x1600	1500x1600	1500x1600	1500x1600	1500x1600	1500x1600	1500x1600	1500x1600	1500x1600	1500x1600	1500x1600	1500x1600

TRIDENT



CERTIFICATE OF HONOR

TRIDENT



EC TYPE CERTIFICATE OF HOME LIFTY



CERTIFICATE OF QUALITY SYSTEM CONFORMITY TO ISO 9001.2015



CERTIFICATE NR. I_0243-DECLARATION OF QUALITY SYSTEM APPROVAL ACCORDING TO EU DIRECTIVE NR. 2014/33/UE ANNEX VI

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