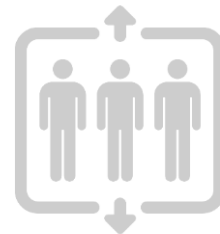
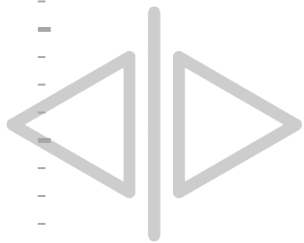
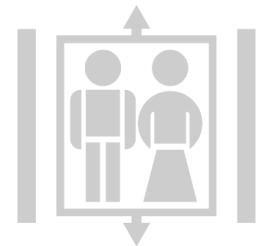


LGS Elevator Korea

Introduction



01 LGS HISTORY LGS BRAND WHAT IS BETTER THAN OTHERS GLOBAL BUSINESS NETWORK

02 LGS Member's Profile LGS Member's Project (involved) SALES RECORD & Factory

03 PRODUCT RANGE PRODUCT FEATURES DESIGN FEATURES CUSTOMISED DESIGN FEATURES HOME Elevator PRODUCT FEATURES HOME Elevator DESIGN FEATURES



「About LGS Elevator」

LGS Elevator Korea is responding rapidly to the ever changing global business environment in order to lead the elevator industry.

LGS Members Worked at



GSIS Elevator
(1968 ~ 1989)

1968 Established Goldstar Industry System elevator



LGIS Elevator
(1990 ~ 1999)

1990 Goldstar renamed to LG



SIGMA Elevator
(2000 ~ 2011)

2000 OTIS Korea established SIGMA Brand for Export

2012 SIGMA Korea Factory Closed



2013 Established LGS Elevator Korea

Elevator Business Experience

Engineering : more than 20years

Manufacturing : more than 30~40years

- R&D
- Contract Engineering
- Manufacturing , Quality
- Field Engineering
- Contract Logistics

BRAND

The Globally Acclaimed LGS Elevator Brand!



LGS's Logo Symbolizes a Building as Cubic

LGS Elevator Korea

LGS Elevator word mark means Wide experience of Elevator Engineering, Manufacturing & Business with last GoldStar, LG, Sigma, Otis at below field.

- R&D, Contract Engineering, Field Engineering,
- Manufacturing, Quality
- Contract Logistics
- Global Sales



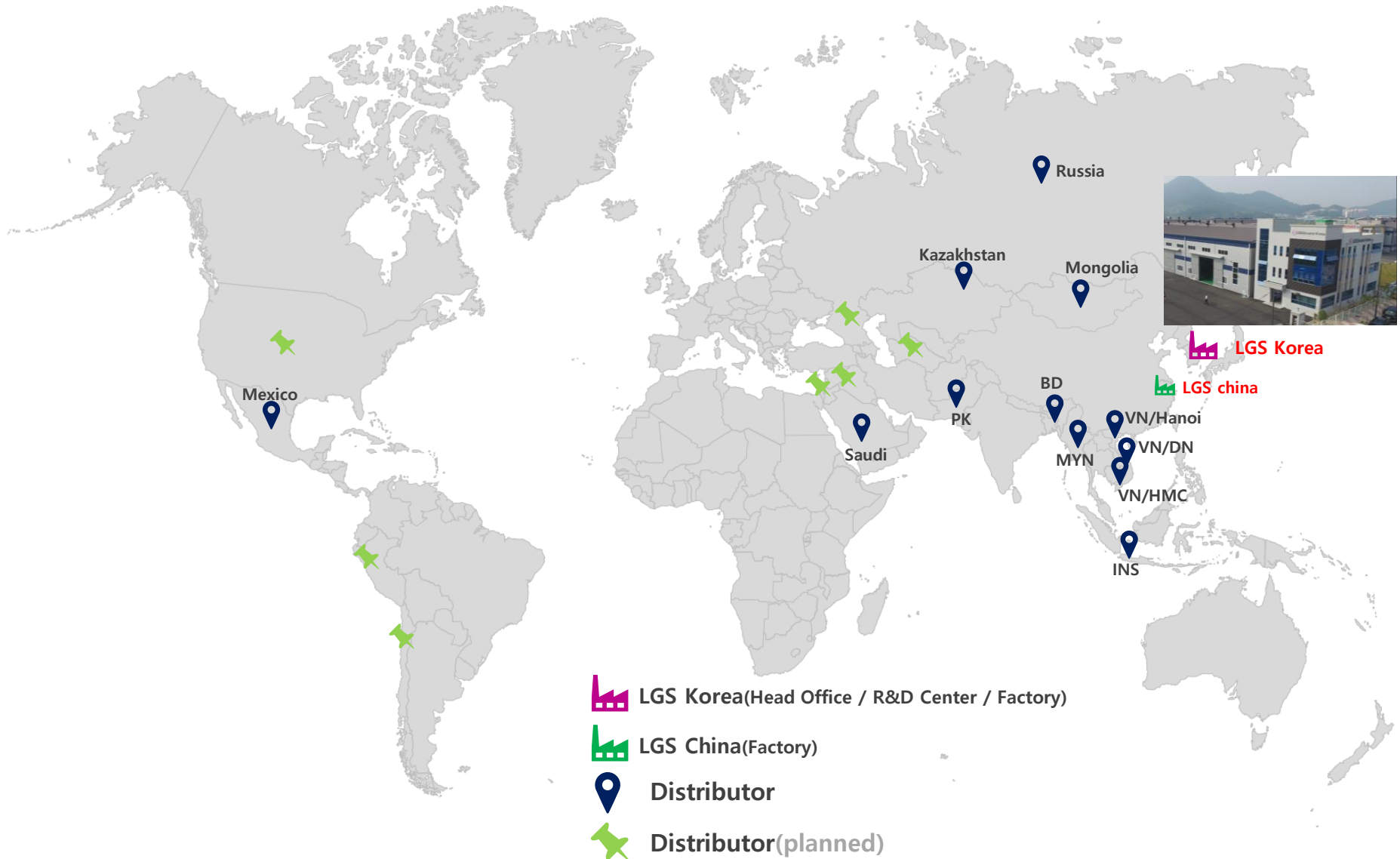
Symbol of **Reliability** and **Trust** for **LGS** Products

What is BETTER than others

- All quality of Elevator system absolutely comes from Engineering Capability
- High Performance Product Quality & Luxury Aesthetics Design







Global Business Network (~ Nov. 2019)



LGS Korea

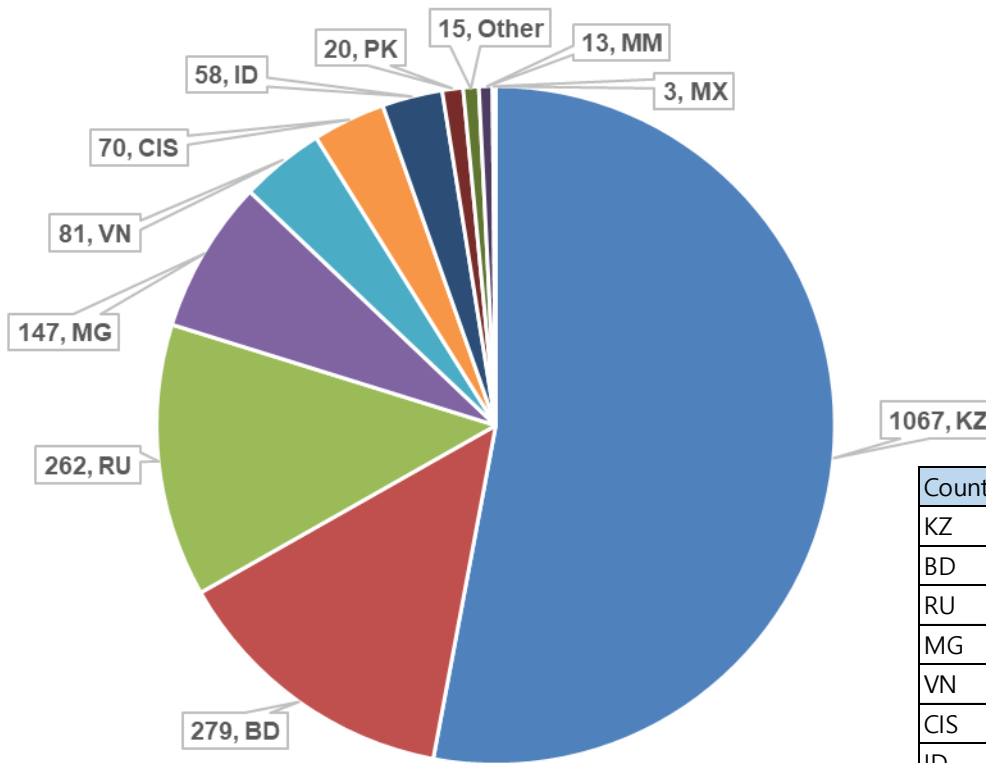
LGS china

-  LGS Korea(Head Office / R&D Center / Factory)
-  LGS China(Factory)
-  Distributor
-  Distributor(planned)

Global Business Sales records (~ Nov. Y2019, in Korea)

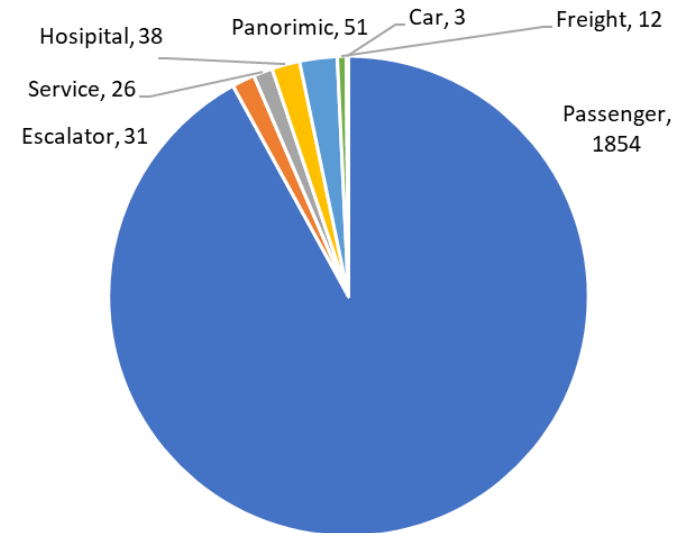
2013~2016 : OEM base

2017 ~ LGS brand

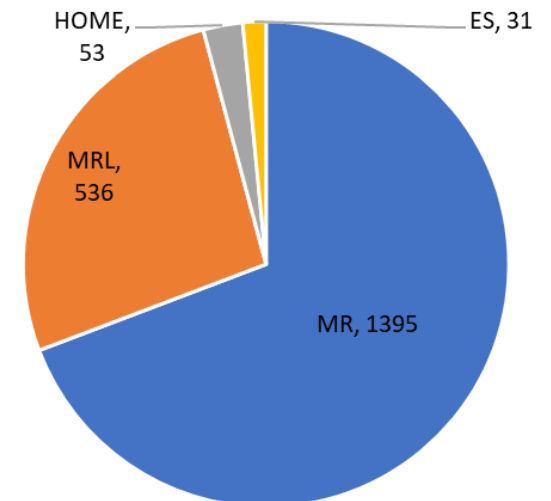


Country

Country	Unit
KZ	1,067
BD	279
RU	262
MG	147
VN	81
CIS	70
ID	58
PK	20
Other	15
MM	13
MX	3
Sum	2,015



Type



Model

LGS Member's Profile

LGS Member's Engineering & Manufacturing Profile

at ChangWon Factory Korea

- Otis Global System integration Team Leader
- Contract Engineering Center Team Leader
- Big Project Engineering Manager(PM)
- Electrical Development Engineer
- Field engineer training

at Dalian Factory China

- Factory top Managing director
- Product Development Leader
- System integration Engineer

1968 ~ 1993
GSIS Elevator

1994 ~ 1998
LGIS Elevator

1999 ~ 2011
OTIS / SIGMA Elevator

Engineering experience more than **20 years** worked at LG, Sigma
Manufacturing experience LGS subsidiary Manufacturer's experience : **30~40years**

2013 ~
LGS Elevator
2013~ Elevator Business at Korea

No. 1

LGS Member's Project (involved)

GSIS → LGIS → LG-OTIS → OTIS/SIGMA
Now no factory in Korea

LG Elevator Factory year of 1998 at Korea.

LGS Member's Projects (involved)

Extreme High Speed Elevator

360m/min

420m/min

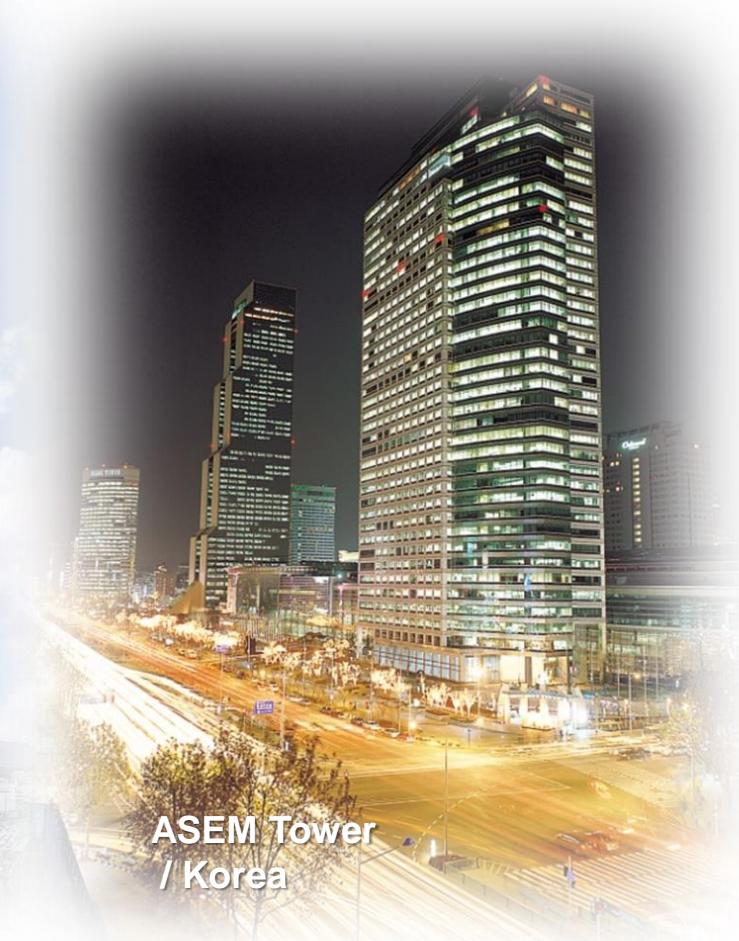
240m/min



Baiyoke Sky Tower / Thailand



LG Group Tower / Korea



ASEM Tower / Korea

High-rise Controller Development & Engineering

LGS Member's Projects (involved)

Major Project

Incheon International Airport / Korea
(700 units)

LGS Member's Projects (involved)

Major Project



HDB(Housing Development Board) / Singapore
(HDB 9th, 12th, 5th LUP, 12th LUP → 3,000units)

LGS Member's Projects (involved)

Major Project

SAMBIL / VENEZUELA
(50 units)

LGS Member's Projects (involved)

Major Project



**TAMAN ANGGREK / INDONESIA
(50units)**

KOREA FACTORY & SUPPLY CHAIN

**R&D Center & Contract Engineering
Design Center
Product development
In-house manufacturing
Contract Logistics Center**

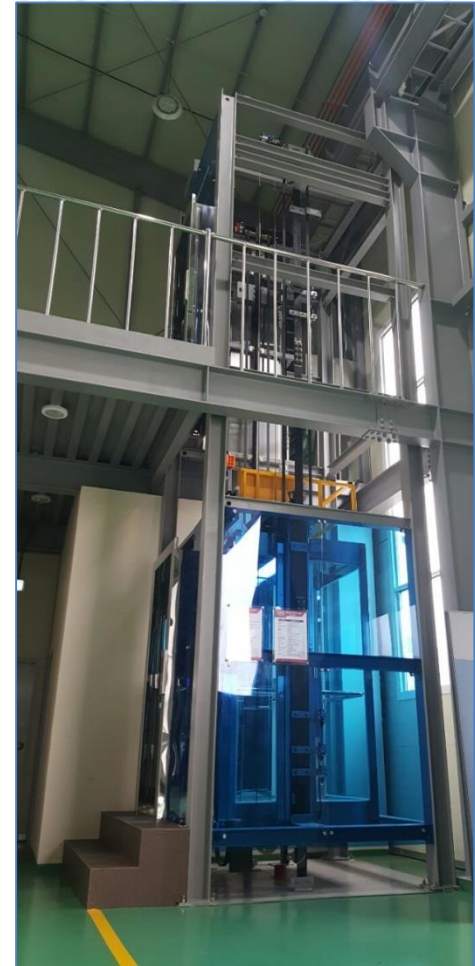


KOREA FACTORY & SUPPLY CHAIN

SHOW ROOM

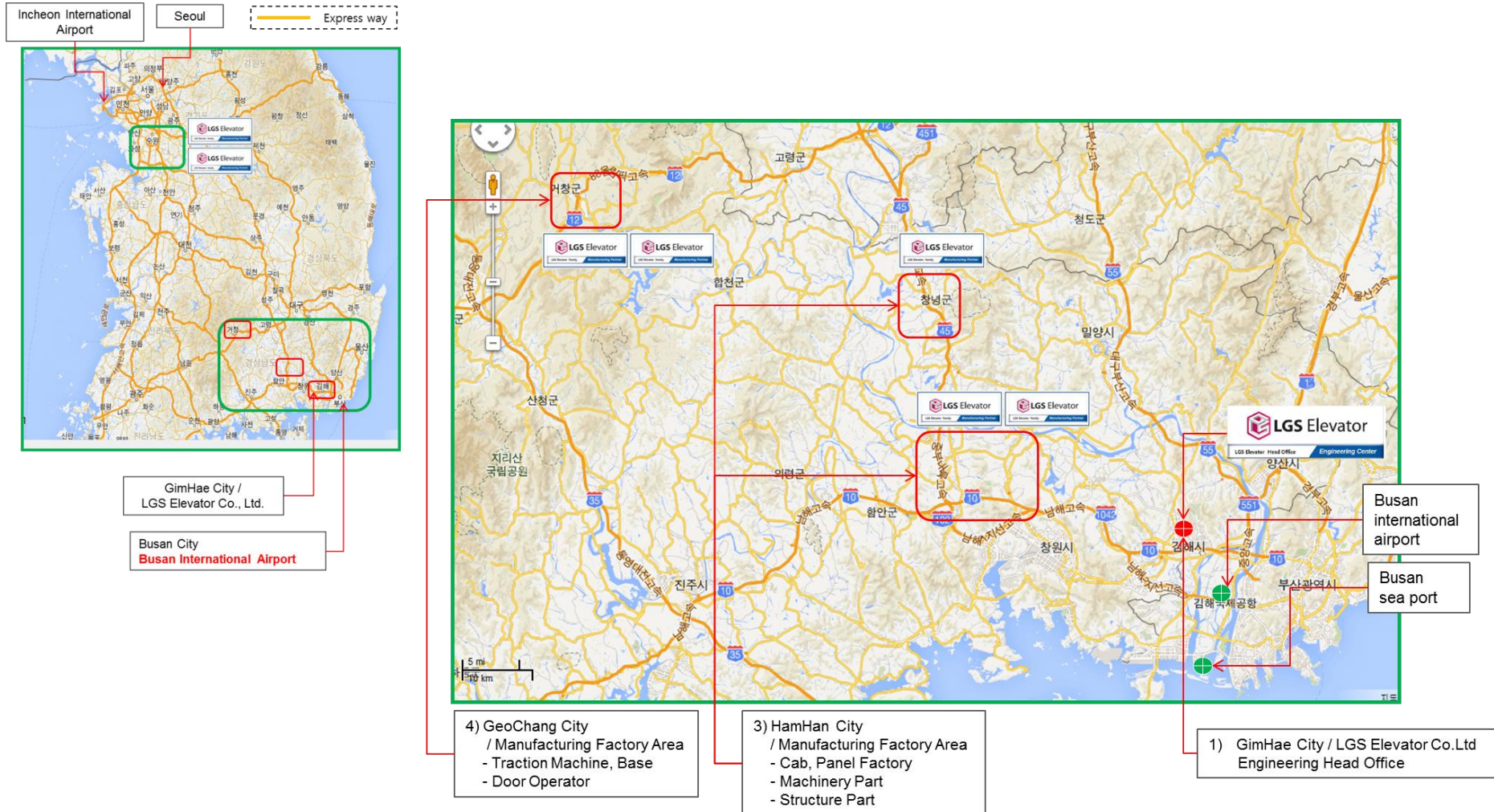


Test Tower for Home Elevator



MANUFACTURING SUPPLY CHAIN (at Korea)

Manufacturing supply chain(subsidiary Manufacturer) Location



LGS Elevator Korea Manufacturing Line

The manufacturing supply chain of LGS Elevator Korea is almost same with Otis Elevator Korea

• Cab & Aesthetics



• Door Mechanism



- R&D Center
- Contract Engineering
- Design Center
- Product Development
- In-house Manufacturing
- Contract Logistics Center

information →
Logistics ←



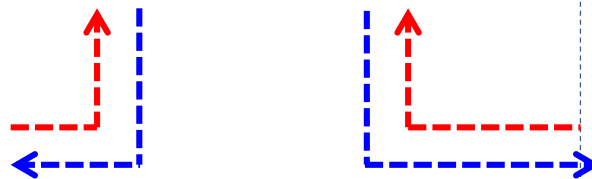
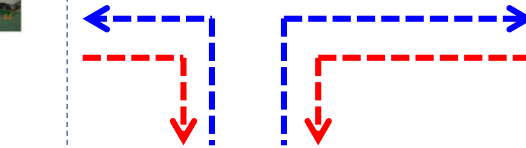
• Electric part



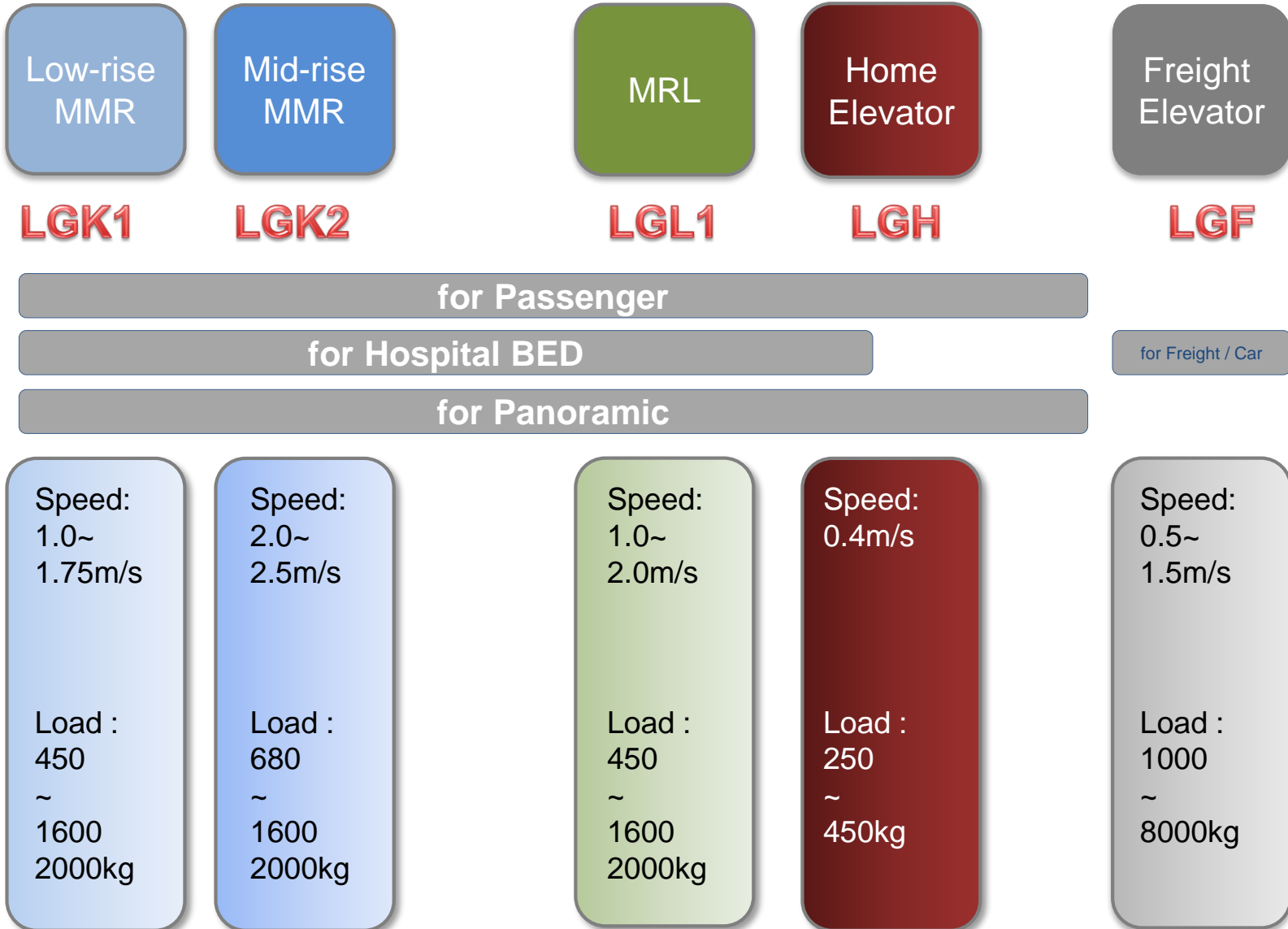
• Machinery



• Structure



PRODUCT RANGE



PRODUCT FEATURES

- All Product developed by Korean LGS Engineers (last worked at LGIS elevator)
- High efficiency & Energy Saving
- Eco-friendly product, Super smooth & Comfortable riding
- Space saving & easy installation
- Luxury & Comfortable design

LGS Product is...



PMSM Gearless TRMC

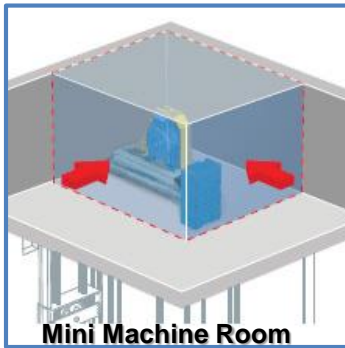


Adopt dual silence DISK brake



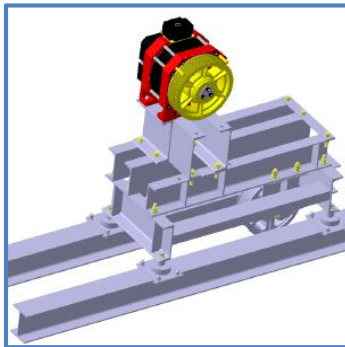
PRODUCT FEATURES

MMR (Mini Machine Room) Elevator



Eco-friendly technology & Energy Saving

- Small machine room
- No need any oil in Traction machine
- PM gearless Traction Machine
- Low energy consumption



High optimum performance and Comfort riding

- Adopt Disk type Brake system in Traction machine
- Optimized Elevator System engineering
- Adopt Full height door infra-red beam as standard

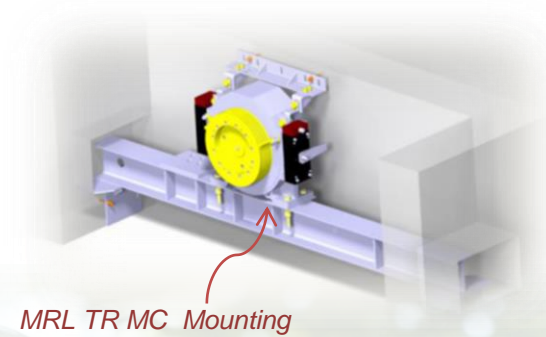
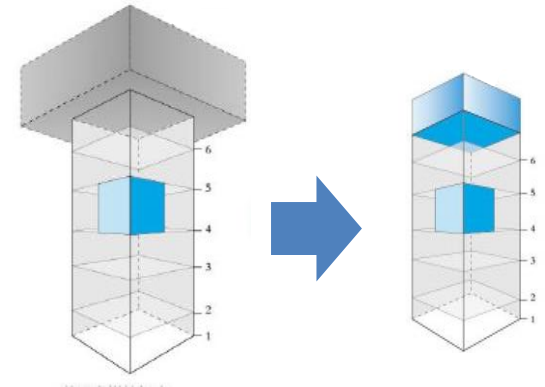
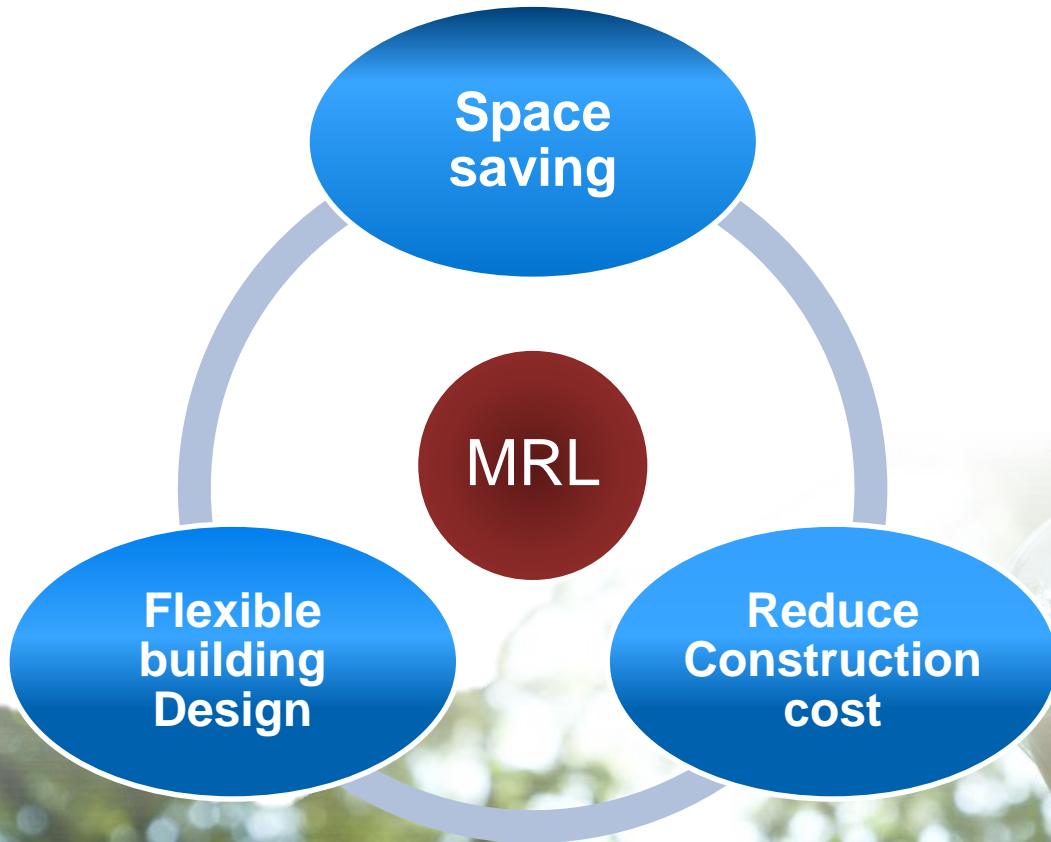


Elegant and imposing Aesthetics

- Luxury and differenced Car design
- Customized luxury car design

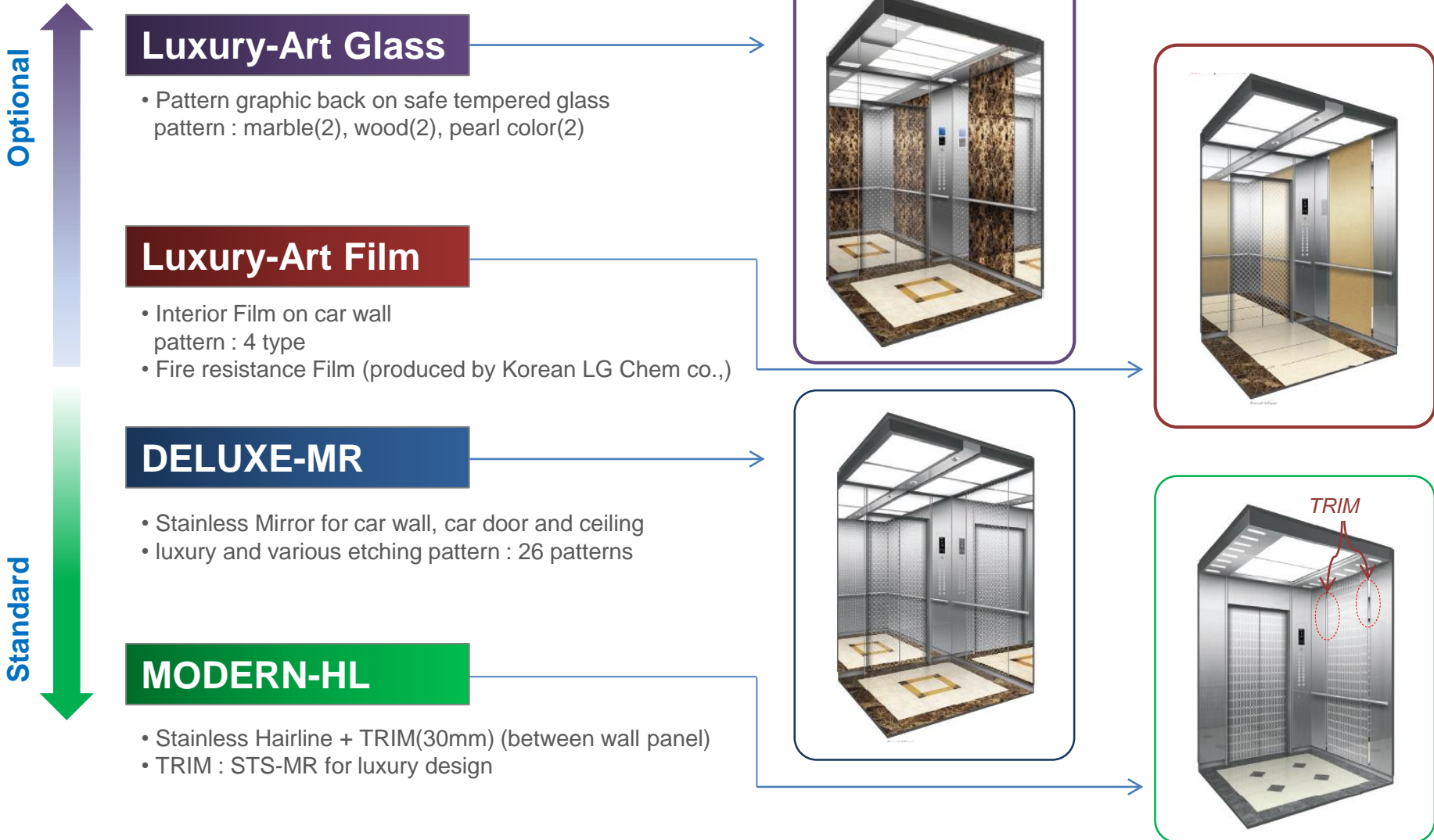
PRODUCT FEATURES

MRL (Machine Room-less) Elevator



DESIGN FEATURES

Passenger Elevator : 4 types design concept



CUSTOMISED DESIGN FEATURES

LGS Elevator Korea can provide various Customized Luxury Design

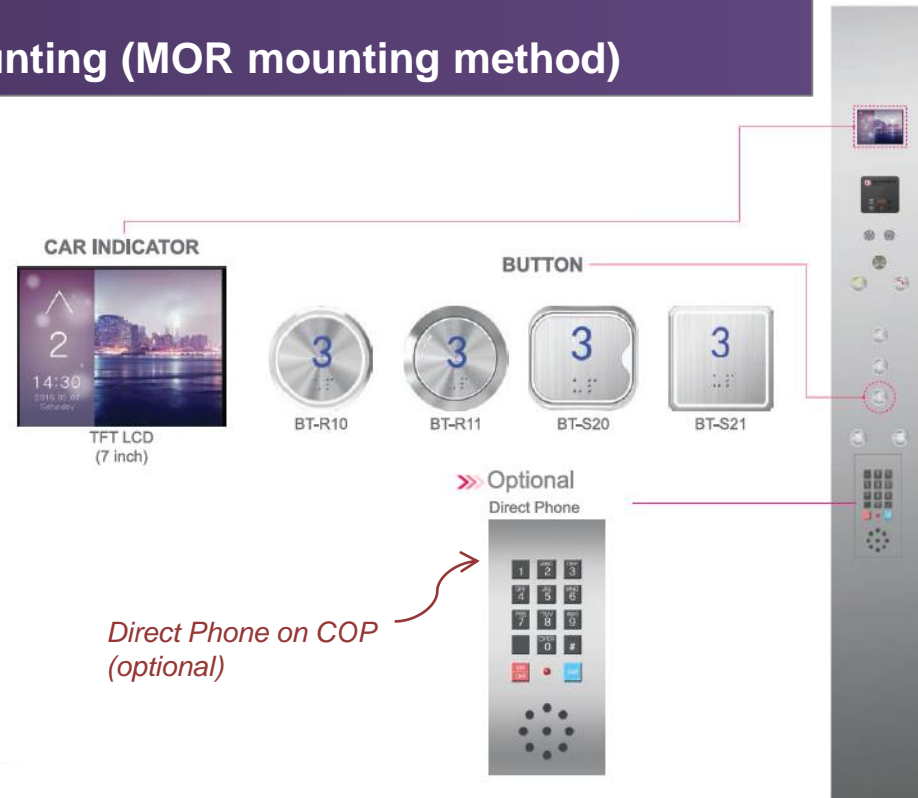


CUSTOMISED DESIGN FEATURES

- All Product developed by Korean LGS Engineers (last worked at LGIS elevator)
- High efficiency & Energy Saving
- Luxury & Comfortable design
- no need any hole at shaft for TRMC mounting (MOR mounting method)

Product Specification

Traction Method	Belt Traction with coated steel belt	Roped Traction with steel wire rope
Traction machine	PMSM Gearless	
Rated Load	250kg / 320kg / 400kg / 450kg	
No. of passengers	3~5persons	
Speed	0.4m/s	
Travel	max. 12meter	
Min. Overhead	min. 2900mm	min. 3200mm
Min. PIT	≥ 400mm	
Main Power	AC220V 50Hz - 1 phase	
Door Opening	Automatic sliding door (2P-CO, 2P-2S)	
Hoistway	Concrete / Steel frame	



Direct Phone on COP (optional)

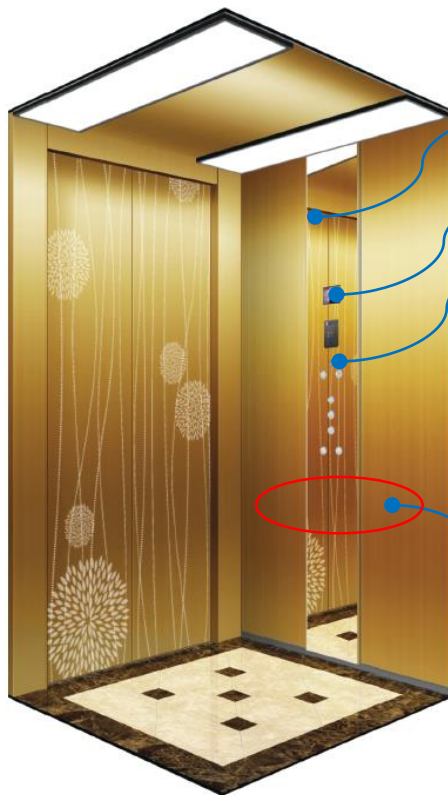
HOME Elevator DESIGN FEATURES

Design Features

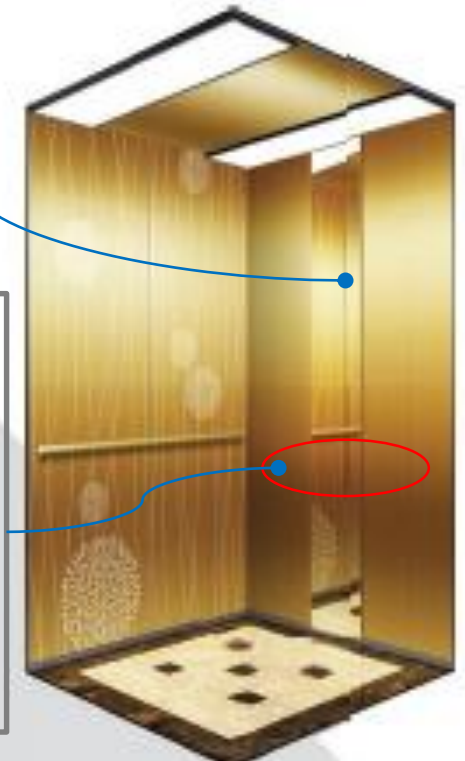
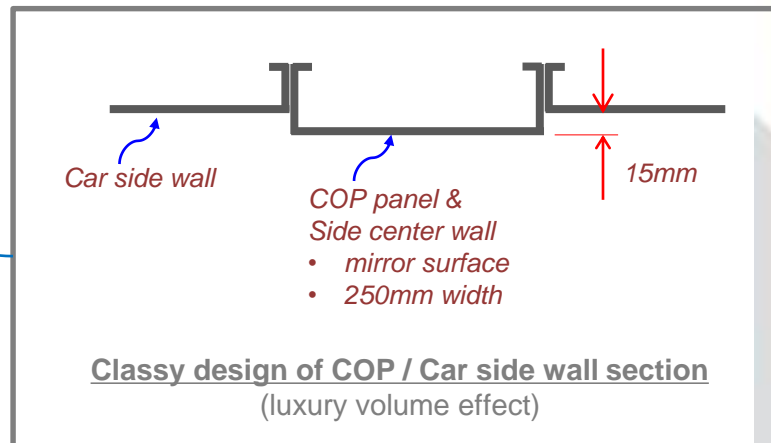
- ① **European style** Car design
- ② Classy design with **Full height COP** on side wall
- ③ **Wide TFT LCD** on COP as standard
- ④ **Luxury Mirror surface** at both side wall center(COP)



Wide TFT LCD(7inch)



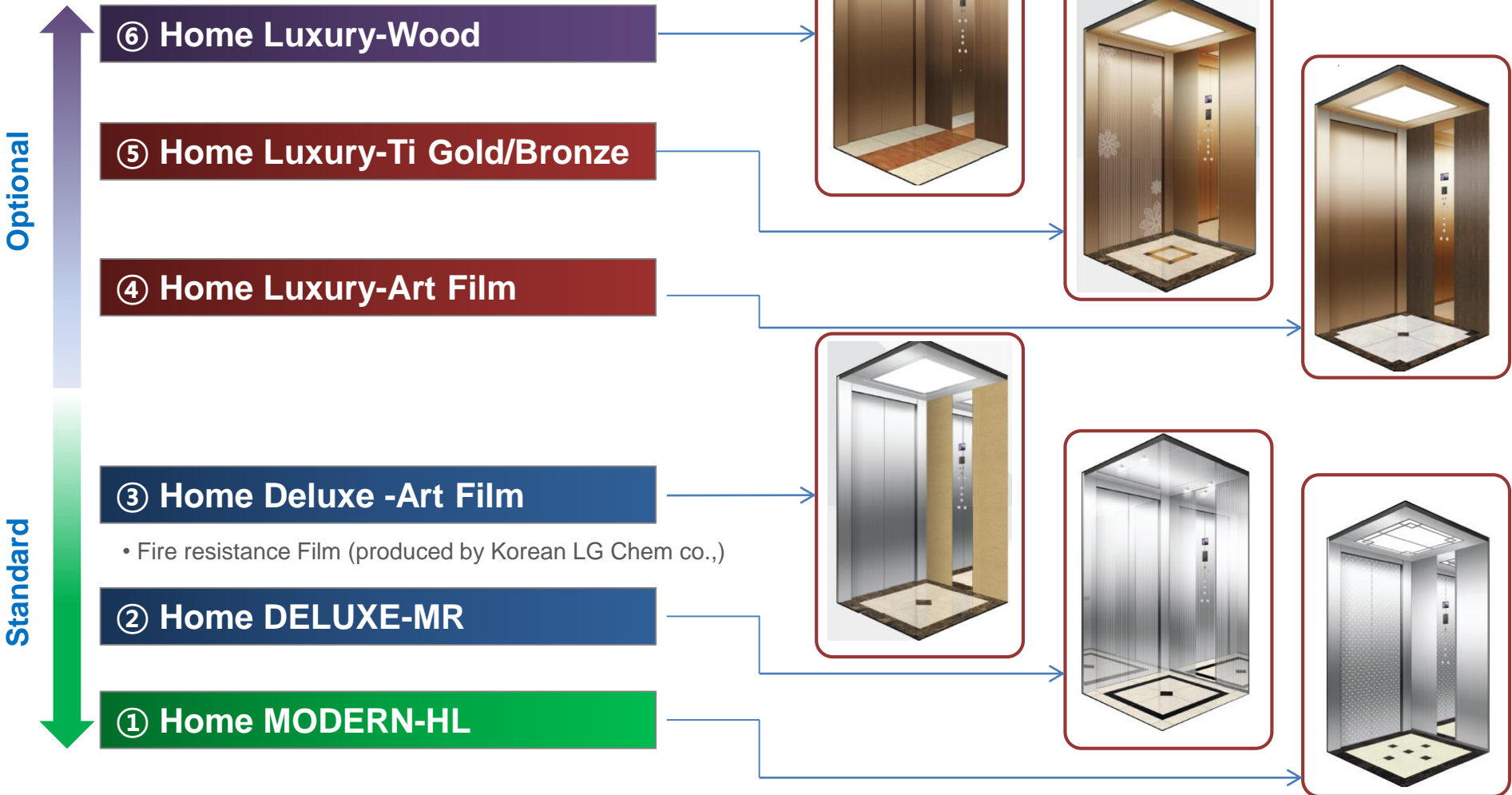
- ④ Luxury Mirror surface
- ③ Wide TFT LCD
- ② Classy design full height COP



HOME Elevator DESIGN FEATURES

Basic concept

- 6 types concept
- COP & Side center wall : Luxury Mirror surface



LGS CERTIFICATION

➤ Elevator system CE Certificate (European Certification)

Attestato UE di tipo
EU-Type Certificate
n. ECM LC-B-2018-0071

Rilasciato i sensi della direttiva 2014/33/UE – Allegato IV – Modulo B
Issued according to 2014/33/EU directive – Annex IV – Module B

Richiedente
Applicant
Ragione Sociale
Company Name
LGS Elevator Korea Co., Ltd.

Indirizzo
Address
**18-15, Tekeunobaelli 1-ro 93beon-gil, Jillye-myeon, Gimhae-si,
Gyeongsangnam-do, 50875, Korea**




Descrizione dell'ascensore
Lift description
Denominazione
MMR Elevator (LGK1)

Type
Norme applicate
Applied standard
EN 81-20:2014

File tecnico
Technical file
CE_LGSK01 Rev.0 2017.12.12

Estensione - Extension Rinnovo - Renewal

Valore di emissione (BO)
Date of emission - Issue date
09/01/2018

Data di scadenza - Expiry date:
08/01/2023

Firma autorizzata
Authorized signature

(Marco Malina)



Il presente attestato è valido ed è riferito all'esemplare sottoposto a verifica di conformità.
Il presente attestato decade:
• Nel caso in cui siano apportate modifiche all'ascensore (anche se minime) senza che il fabbricante informi immediatamente Ente Certificazione Macchine srl.
• Nel caso in cui siano modifiche sostanziali alle norme applicate o ai requisiti essenziali di sicurezza della direttiva che sono alla base di questo certificato e il detentore del certificato rifiuta di apportare le eventuali modifiche necessarie.
This certificate is valid and refers to the example that underwent verification of compliance.
This certificate is valid if:
• Changes are made to the lift (although minimal) without the manufacturer immediately inform Ente Certificazione Macchine srl.
• Changes occur to the applied standard or essential safety requirements of the directive which are the basis of this certificate and the certificate holder refuses to make any necessary changes.

PT103_02 REV. 3 - 06/03/2017

Ente Certificazione Macchine srl
Via C/è Belle 243 - Loc. Castello di Serravalle - 40053 Valmadrera (BO)
☎ +39 0516705341 ☎ +39 0516705136 ✉ ecm@entecerma.it www.entecerma.it

➤ Elevator system CU Certificate (Russian Certification)

КЕДЕН ОДАҒЫ

СОҒЫКЕСТІК СЕРТИФИКАТЫНА Сертиf KZ **0071213**

ҚОСЫМША № КО - KZ.7100565.22.01.00125

Қосымша 2
Парақ 2


Лифттерде қолданылатын құрылғылар мен жабдықтар

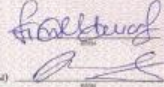
Табелкалар моделері :
SEC, SSC, SMC, SLC - «SeoKwang» (Korea);
BW215, BW249, BW275, BW320F, MR-D, WIN3000D, WIN5000D - «NawcoTec» (Korea);
GTW9, GTW3, GTW5A, YJ200, YJ275, YJ320 - «TORINDRIVE» (KXP);
ACT-D, ACT-L, ACT-W, ACT-M - «CEG» (KXP);
FAXI100 - «FAXI» (KXP).

Қондырғылар:
SICON-4000EKZI, SICON-4000LKZI - «SAMIL» (Korea);
NICE-HC-YE - «HECHANG» (KXP);
NICE-CB1-B-A1.2 - «MONARCH» (KXP).

Ескі қондырғылар:
D400 - «ADT» (Korea);
BG201 - «BST» (KXP);
MT20 - «HPMONT» (KXP);
YS-K01 - «Suzhou Eshine Elevator» (KXP).

Шағын екіретері:
SAV1, SED1 - «KUMSAN» (Korea);
KJ450, TJ450 - «JINCHANG» (KXP);
T3200-C2A, T2200-C2A, T2200-C2B, T2200-T2A, T2200-T2B, J4500-C2A, J2500-C2A, J2500-T2A, J2300-C2B, J2300-T2B - «BST» (KXP);
MS111, MS102, MS120, MS122, MS211, MS202, MS220, MS222 - «Suzhou Eshine Elevator» (KXP).



Сертификатты
эмиссиясы органынан
беспақыз (үздіксіз) ұстауға
Сараптама-қуағатын (гарантия)

Жамалбеков П.
Қазыбеков Ж. М.

LGS CERTIFICATION

➤ ISO14000



globalgroup
United Kingdom[®]

Certificate of Registration

This is to certify that the

ENVIRONMENTAL MANAGEMENT SYSTEM

of

LGS ELEVATOR KOREA CO., LTD.
18-15, Tekeunobaell 1-Ro 93beon-Gil Jillye-Myeon, Gimhae-Si, Gyeongsangnam-Do, 50875, KOREA

for

Design, manufacture and service of Elevators and related parts
has been assessed and registered against the provisions of

ISO 14001:2004
International Standard

With

Registration Number:	22E18295	Project:	41-18295-1-E
Certification Date:	26 September 2017	Code:	DK 29.22
Expiry Date:	14 September 2018	Exclusions:	None
Certification Approved By:		Gary Jones	Technical Director

 Registration is subject to the management system being continually maintained to the above standard under regular surveillance. Should surveillance not take place when required, registration shall be removed.

This certificate is the property of Globalgroup of Companies Limited, 21 Lansdowne Crescent, Edinburgh, Midlothian, EH12 5EH, Scotland, United Kingdom.

Please validate the authenticity of the certificate at www.globalgroup.net

 80001827

➤ ISO9001



globalgroup
social | ethical | objective[®]

Certificate of Registration

This is to certify that the

QUALITY MANAGEMENT SYSTEM

of

LGS ELEVATOR KOREA CO., LTD.
(Sam Kyae WINNERS TOWN) 502Ho, 183, Gaya-Ro, Gimhae-Si, Gyeongsangnam-Do, 50900, KOREA

for

Design, manufacture and service of Elevators and related parts
has been assessed and registered against the provisions of

ISO 9001:2008
International Standard

With

Registration Number:	56Q18295	Project:	41-18295-1-Q
Certification Date:	20 January 2017	Code:	DK 29.22
Expiry Date:	14 September 2018	Exclusions:	None
Certification Approved By:		Mahmut Sogukpinar	Technical Manager

 Registration is subject to the management system being continually maintained to the above standard under regular surveillance. Should surveillance not take place when required, registration shall be removed.

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 50004139

LGS CERTIFICATION

➤ Certification of Venture Business

제 20160111650 호


벤처기업확인서

업체명 : (주)엘지에스엘리베이터코리아
 대표자 : 최진규
 소재지 : 경상남도 김해시 진례면 테크노밸리1로93번길 16-15 (고교리 1579-4)
 확인유형 : 기술보증기금(기술보증기금)
 평가기관 : 기술보증기금
 유효기간 : 2016년10월14일 ~ 2018년10월13일

위 업체는 벤처기업육성에관한특별조치법 제25조의 규정에 의하여 벤처기업임을 확인합니다.

변경일자 : 2017년08월23일 변경내역 : 업체명 소재지
 2016년 10월 14일

KIBO 기술보증기금 이사장



➤ Fire Door(KS60) Certificate

시험성적서 (TEST REPORT)

ktl 한국산업기술시험원 Korea Testing Laboratory

상관시 번호 : 17-047132-01-1 (Report No.)
 페이지 (1)/(총 17) (Page of Page)

ILAC-MRA KOLAS

- 의뢰자 (Client)**
 기관명 (Name) : 주식회사 엘지레스엘리베이터코리아(LGS ELEVATOR KOREA CO.LTD)
 주소 (Address) : 경상남도 김해시 진례면 테크노밸리1로93번길 16-15
 의뢰일자 (Date of Receipt) : 2017. 07. 27.
- 시험성적서의 용도 (Use of Report)** : 증진관리용
- 시험대상품목/물권/시료명 (Test Sample)**
 제품명 (Description) : 승강기문 방화도어
 제작회사 (Manufacturer) : (주)극산사기
 모델명 (Model Name) : K1450E
 제조번호 (Serial Number) : -
 기타 (Remark) : -
- 시험일자 (Date of Test)** : 2017년 08월 11일 ~ 2017년 08월 11일
- 시험규격/방법 (Test Standard/Method)** : 차동방화셔딩 및 방화문식 기준(국도공표부고시 제2016-193호, 2016.4.8.) 7 제5호 ①항
- 시험환경 (Testing Environment)**
 온도 (Temperature) : (26.0 ± 2.0) ℃, 습도 (Humidity) : (55 ± 5) % R.H.
- 시험결과 (Test Results)** : 별첨결과 참조 (Refer to the attached results)

비고(Notes) : 1. 이 성적서는 피시험자 제출한 시료에 대한 시험결과이며, (The test results contained apply only to the test sample(s) supplied by the client.)
 2. 우리 편의 사전 동의 없이 본성적서의 전부 혹은 일부를 복사할 수 없습니다. (This test report shall not be reproduced in full or in part without approval of the KTL in advance.)

확인 Affirmation	시험자 (Tested by) 성명 (Name): 정동민	기유격인사 (Technical Manager) 성명 (Name): 김준용
----------------	-----------------------------------	---

이 성적서는 국제시험기관협약에 상호인정협정에 서명한 한국산업기술시험원의 공인만을 통하여 확인 시험되었습니다. (This report is issued in accordance with the Mutual Recognition Arrangement signed by Korea Testing Laboratory, which is a member of ILAC-KOLAS.)

2017. 09. 29.

한국산업기술시험원
 Accredited by KOLAS, Republic of Korea

한국산업기술시험원

경상남도 창원2 남성면 순창계로 80130, Seungcheong (K) Name: Yeseon Seohara Bus. Center, Gyeongnam-gun 44 | Tel: 055-601-4929 Fax: 055-940-4929

FP202-01-03



LGS Elevator Korea

THANK YOU!