



**SMART  
& ELEVATOR  
ESCALATOR**

Intelligent Innovation





**WE CREATE** a new future with world-changing initiatives.  
a great legend of success with world-changing passion.

Create

New

World



## CONTENT

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- Create New World
- Endless Challenge
- Global Network/ Global Leader/ Value Creator
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- Intelligent Innovation
- Reliable Performance
- Smart Passenger Elevator
- Freight & Car Elevator
- Escalator & Moving Walk





**50**  
**YEARS**

EXPERIENCE

**24<sup>TH</sup>**  
**WORLD'S**

Global Contractor as selected  
by US-based ENR.

**9**  
**YEARS** IN A ROW

Dow Jones Sustainability  
Asia Pacific



based in Vietnam with state-of-the-art  
Korean technology, launched by one of  
the world best companies, **GS E&C**.  
We are pleased to provide you with top of the line  
products and services.

**Zeit Elevator** brings **safety, convenience** and  
**reliability** to your life.





# VGSI GLOBAL NETWORK

Taking on any challenge and never giving up until we see the job through to the end. We advance without fear of anything or anyone, we create the new.

We create new, edicting products while broadening and bettering the world with fervor and passion.

With our ceaseless spirit of challenge, VGSI broadens the world and deepens the emotion.

**20** COUNTRIES OF THE WORLD

**24** OVERSEAS COMPANIES OR BRANCHES

**207** PROJECT SITES

## Contact

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Phone: [84-28] 3620 6510

## Factory address

ZEIT ELEVATOR Factory, Nhon Trach 6 Industrial Park, Long Tho commune, Nhon Trach District, Dong Nai Province.



Ready for an  
**EXCITING**  
new start in Viet Nam

# WORLD'S

# 24<sup>TH</sup> construction company

With limitless passion, GS E&C moves beyond being Korea's best to create change around the world.

Incorporating green and smart technology into everything it produces, GS E&C is a top-tier global leader, spearheading sustainable growth with future-oriented technology and products.

From its start in 1969, the company has continued to grow and innovate, seeing astounding success around the world.

Building its presence in Vietnam, GS E&C soars again, bringing fresh initiative to each sector of its expertise.

## 70's

- 1969 Ladhhee Development Co. (LDC) incorporated.
- 1977 Lucky International Construction Co. created.
- 1988 Start of construction of the Lucky Goldstar North America Headquarters.  
Completion of the Imam University Sports Center.  
Company moves to Yeoksam Building.

## 90's

- 1995 Company name changed to LG Construction.
- 1999 LG Construction and LG Engineering merge.



## 00's

- 2003 Chosen as "Best Corporate Management Structure" by the Korea Stock Exchange.  
'X' chosen as the No. 1 brand in the 2004 Consumer
- 2005 **CORPORATE NAME CHANGED TO "GS ENGINEERING & CONSTRUCTION CORP."**  
Awarded the "Silver Tower Award" for the restoration of the Cheonggyecheon.
- 2006 Named world's 31<sup>st</sup> largest construction company out of 225 companies in 2006 by ENR magazine.
- 2007 **NAMED WORLD'S 31<sup>ST</sup> LARGEST CONSTRUCTION COMPANY OUT OF 225 COMPANIES IN 2007 BY ENR MAGAZINE.**  
**GS E&C ESTABLISHED IN VIETNAM**
- 2008 'X' comes 1<sup>st</sup> in apartment category for 3 straight years in 2008 First Brand Grand Prize.



## 2010's

- 2011 GS E&C admitted into Dow Jones Sustainability Index in two straight years.
- 2013 Honored with the 1<sup>st</sup> Government Citation for Korea's Endeared Firm.
- 2015 Named the 26<sup>th</sup> largest contractor out of top 250 global construction companies in 2015 by ENR magazine.

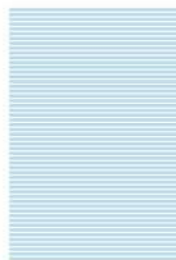
2019 **RENAMED GSND TO VGSI**  
**OFFICIAL LAUNCH OF THREE NEW VGSI-BACKED BUSINESSES: ALUMINUM FORMWORK / PHC PILE / ELEVATORS**



Incoming orders  
**109,218**



Total sales  
**131,394**



Orders on hand  
**387,925**

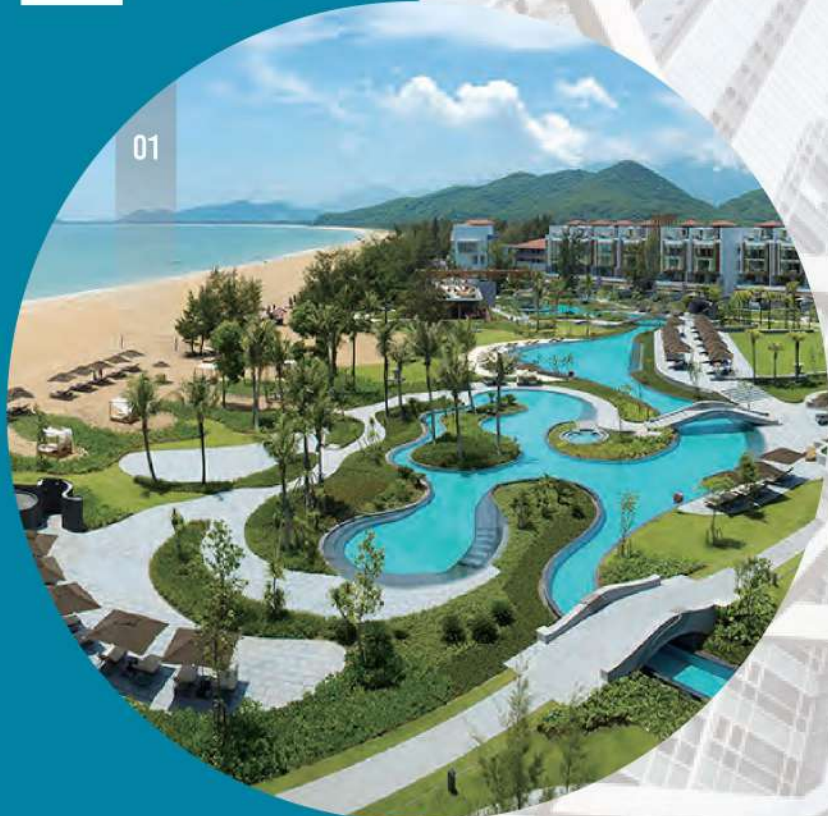


## Financial Highlights

as of Dec 31, 2018 ( unit 100MIL WON )



# FOOT PRINTS IN VIETNAM



01

## 01. LAGUNA HUE - ANGSANA RESORT

Location: Hue, Vietnam  
 Site Area: 72.000 m  
 Project Period: Jun 2010 - Jun 2012  
 Gross Floor Area: 38,593, Hotel 197  
 Keys (4 Buildings, 5F)

## 02. HCMC URBAN RAILWAY CONSTRUCTION PROJECT LINE 1\_CP2

Location: Ho Chi Minh City, Vietnam  
 Total length: 17.2km; 6 bridges  
 11 Station  
 Depot area: 210.000 m2  
 Project period: Jul 2012 - Dec 2019



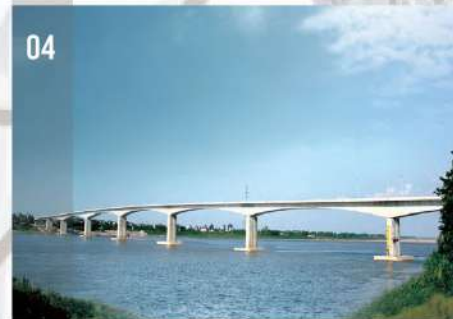
02



03

## 03. NSRP ( NGHI SON REFINERY & PETROCHEMICAL)

Location: Nghi Son, Vietnam  
 Project Period: Jul 2013 - Nov 2016



04

## 04. VINH THINH BRIDGE



05

## 05. VAM CONG BRIDGE

Location: Dong Thap - Can Tho City  
 Total Length: 2.97km (4 lanes)  
 Bridge: 870m (CBS) 2.1km (SuperT)

## 06. PHAM VAN DONG STREET & BINH LOI BRIDGE

Location: Ho Chi Minh City  
 Total Length: 13.7km, 12 lanes  
 Nielsen Arch Bridge ( Binh Loi bridge)



06

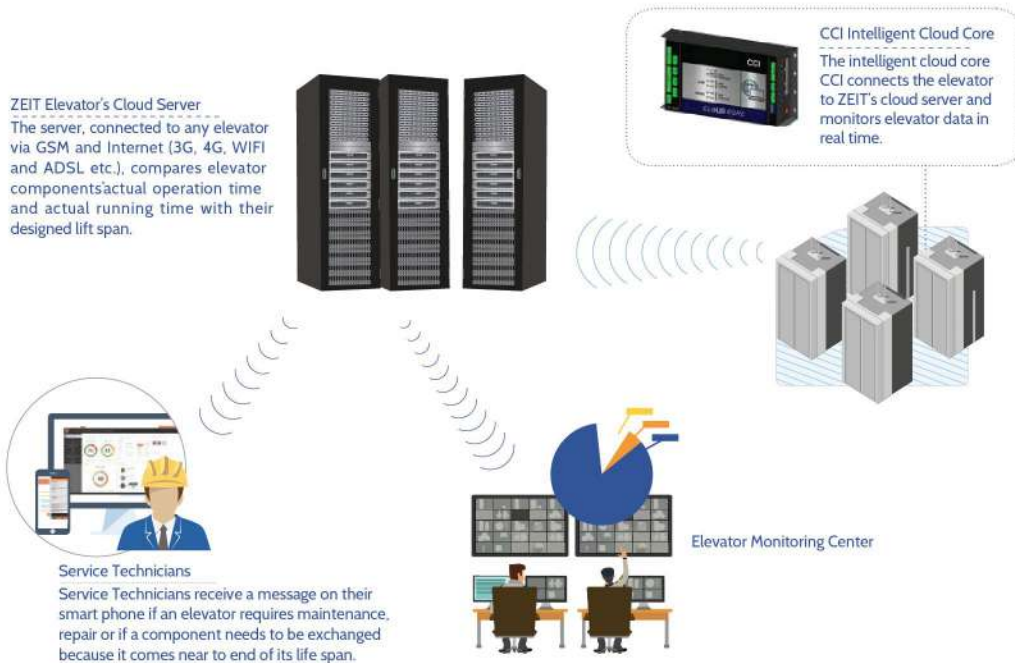


# INTELLIGENT INNOVATION

## For a better elevator experience

### GSPMS Cloud based Predictive Maintenance System

GSPMS is ZEIT Elevator most updated intelligent system with cloud technology to predict and analyze elevator behavior and faults. The system monitors more than 80 elevator components in real time, and compares their actual running time or actual times of operation with their designed lift span. When it comes near components & designed lift span, the system automatically generates a maintenance message to the smart phone of the service technicians. The ZEIT Elevator Predictive Maintenance System keeps your elevator extremely reliable and safe.



## INTERNET PLUS

An international R&D team working under Korea management developed the world most intelligent technology for elevators:

ZEIT ELEVATOR control and regulation technology is more than just today's usual elevator control concepts with their classic peripheral components. It's about high-end networking and intelligent elevator managing systems: predictive maintenance, real-time monitoring. Interactive human-machine dialog, self-optimizing transport intensity, user authentication, customized appearance, infotainment, maximum safety standards, intelligent energy management and many more elevator specific functions that offer hi-tech solutions.

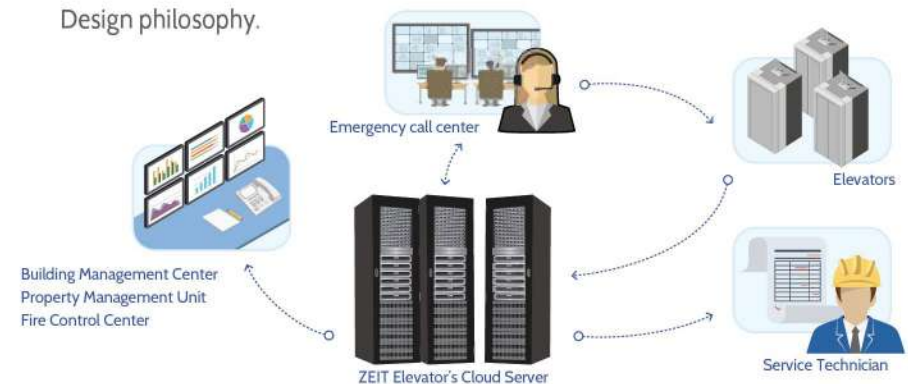
### GSCMS Cloud Technology Network Monitoring System

. GSCMS - An elevator remote monitoring system based on real-time network communication. It can be connected to the building management center, property management unit, center, property management unit, fire control center and even smart phone terminal for maintenance people.

. GSCMS can monitor elevator real-time running and can report to the monitoring center. Users can i.e. call the elevator to specific floor with VIP mode via GSCMS.

All ZEIT ELEVATOR are equipped with the GSCMS option.

. GSCMS' human-machine interface is human-oriented, based on Universal Design philosophy.



# RELIABLE PERFORMANCE

## Multiple Safety



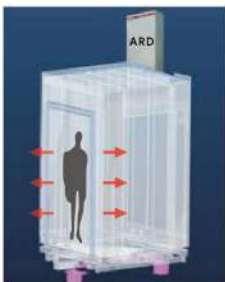
### Preventing passengers from being clamped or pushed acc. to European CE standards

- . Elevator door control system. High efficiency and performance with variable frequency door operation. The door can be remotely adjusted. Light curtain protection system intelligently recognizes passengers coming in and out to avoid passengers being clamped or pushed by the closing door.
- . Car door and landing door interlocking system sures doors are latched before elevator starts running.



### Preventing unintended movement

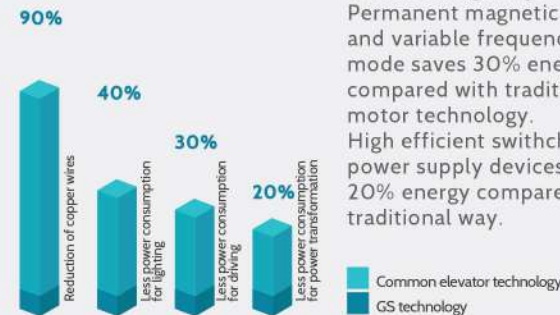
The system prevents unintended car movement to ensure worldwide highest elevator safety level, complying with the latest safety code ENN 81-20/50.



### Preventing passengers from being trapped

Advanced encoder technology, redundant speed monitoring, over speed governor, safety gear and back up ARD (Automatic Rescue Device) system ensure multiple safety for all passengers.

## Protection of environment, Energy-Saving Reduction your carbon footprint



Fully integrated CAN-BUS design saves 90% of copper wires compared with traditional design. LED lighting application saves 40% energy compared with traditional lighting. Permanent magnetic motor and variable frequency driving mode saves 30% energy compared with traditional motor technology. High efficient switching power supply devices save 20% energy compared with traditional way.

#### CPU Group Control

The advanced ZEIT group control function increases the traffic efficiency of an elevator group

#### Standby Sleep Mode

Energy-saving and extending life span of electric components reduces the carbon footprint significantly

- . Control system attained the Safety Certificate from Korea TUV.
- . Fully implemented CAN-BUS technology is a high sophisticated data transmission system, also used in the premium cars of the Korea leading car manufactures.
- . 32-bit micro CPU intelligent control is applied in both central controller and driving control, realizing accurate and completely digitalized system control, ensuring adequate accuracy of elevator running control.
- Direct approach in the landing and leveling accuracy of  $\pm 5\text{mm}$  ensure a comfortable and safe elevator ride experience.

- . PM S motor technology is highly energy efficient, has low noise emission and ensures reliable performance during its extended lifetime
- . Sealed bearing for maintenance free and oil pollution free operation
- . The safe operation of the redundant and certified brake is always monitored by brake sensors
- Rope safety factor of minimum 12 times ensures highest safety standard.





## MINI MACHINE ROOM ELEVATOR

ZEIT mini machine room elevator, is highly with humanity, with science and technology with design as the pioneer in technology driven by permanent magnet synchronous motor and variable frequency (VVVF) and full computer control technology, data fusion network system and the modular structure, and use the most effective self-check program, exact control of elevator systems more flexible, efficient and reasonable

In order to adapt to commerce residence building, hotels, office buildings, entertainment centers and shopping malls and other places of the different demand, Range elevator capsules after a strict research, the designer has established good communication system with passengers, constantly updated design style, our combined with different construction, has become a choice of numerous high-level building

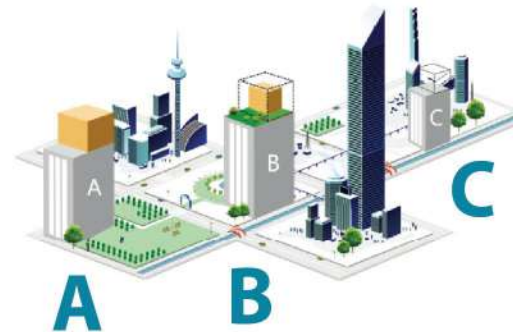


## MACHINE ROOM-LESS ELEVATOR

ZEIT Machine room-less elevator improves the layout of the elevator shaft, eliminates the need for machine room, and does not need to increase the structural strength of the building, saves the building space, and reduces the cost of the building to the greatest extent, thus contributing to the sustainable development of VGSI.

### Save construction cost

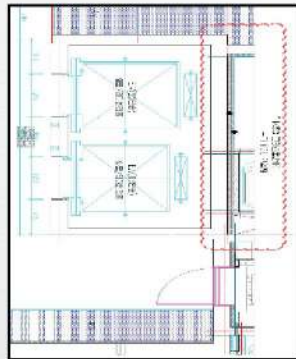
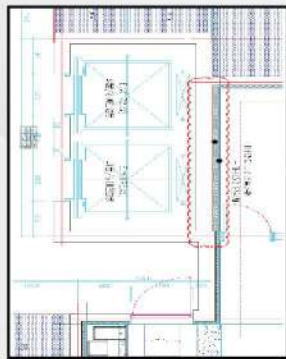
ZEIT machine room-less elevator integrates machine room and shaft, which reduces building materials and construction cost to the greatest extent. It is an ideal choice for users.



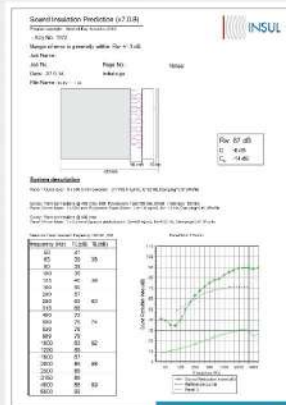


# GLOBAL BEST & FIRST

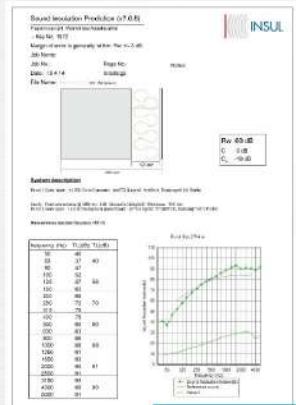
We will be able to provide distinct services from Global GS E&C's 60 years engineering and construction experiences worldwide.



GS E&C Technical R&D Center provide...  
 Insulation of sound analysis , Insulation  
 Wall Material suggestion etc.  
 Construction guidance for clients to avoid  
 reconstruction for early and safe  
 installation of lifts



Original



Proposal

Original: Conc.220T + Poly Foam 50T +  
 Gypsum 9.5T

Original result: Rw 62 + 3 dB/ C -6dB/ C<sub>tr</sub>-14dB

Proposal: Conc.220T w/Glass wool 100T  
 (24K) + Gypsum 9.5T

Proposal result: Rw 75 + 3dB/ C -3dB/ C<sub>tr</sub>-10dB

To show ZEIT Elevator's Strength

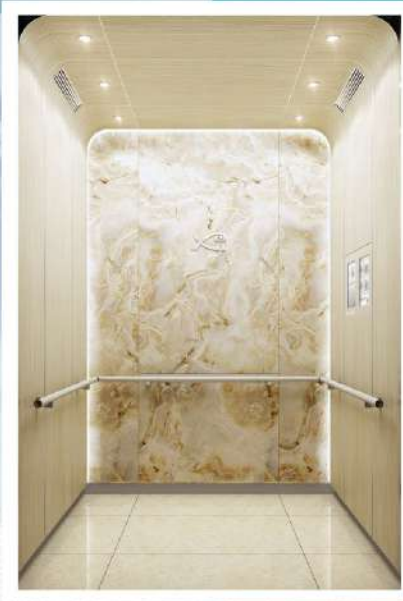
- \* Exclusive Global elevator factory  
 manufacturing full sets of elevators in Vietnam
- \* Exclusive / Unique Vietnam Elevator R&D Center
- \* Industry- Vietnam University Collaboration

What we can provide...

- 1- QUICK RESPOND TO CLIENT'S NEEDS
- 2- ACHIEVE A LOCALIZATION OF GLOBAL TECHNIQUE
- 3- REGIONAL ECONOMY ACTIVATION



**GSE&C Xi**  
Korea no.1 Apartment Brand



**CUSTOMIZED  
DESIGN  
ELEVATOR  
WITH  
ANY TYPE  
OF BUILDING**

**XI ELEVATOR**

We minimize wait time, provide reliable transportation & offer a comfortable ride experience to enhance residents' quality of life.





# SMART PASSENGER ELEVATOR

An elevator that is stylish, safe and incorporates advanced technologies that ensure smart operation that saves energy every day, make your life easier and classier



# STANDARD DESIGN

## CAB-S005G



- /Car Ceiling/ CO27*
- /Car Door/ Hairline Stainless Steel*
- /Front Wall/ Hairline Stainless Steel*
- /Back Wall/ Hairline Stainless Steel + Mirror Stainless Steel*
- /Side Wall/ Hairline Stainless Steel + Mirror Stainless Steel*
- /Flooring/ Patterned PVC(F-PO11)*



- /Car Ceiling/ CO45*
- /Car Door/ Steel Plate with Volcanic Grey Coating*
- /Front Wall / Steel Plate with Volcanic Grey Coating*
- /Back Wall/ Steel Plate with Volcanic Grey Coating + Steel Plate with Milk White Coating*
- /Side Wall/ Steel Plate with Volcanic Grey Coating + Steel Plate with Milk White Coating*
- /Flooring/ Patterned PVC(F-PO11)*



## CAB-S007G





# PANORAMA DESIGN

## CAB-G005G



*/Car Ceiling/* CO41

*/Car Door/* Laminated Glass + Hairline Stainless Steel Galvanized in Champagne Gold

*/Front Wall/* Hairline Stainless Steel Galvanized in Champagne Gold

*/Back Wall/* Laminated Glass + Hairline Stainless Steel Galvanized in Champagne Gold

*/Side Wall/* Laminated Glass + Hairline Stainless Steel Galvanized in Champagne Gold

*/Flooring/* Patterned Marble Inlayed with Mirror Stainless Steel Decoration Bar(F-M127)

*/Handrail/* Die-Casting Alloy Handrail



# GLASS DESIGN

## CAB-G008G



*/Car Ceiling/* CO42

*/Car Door/* Hairline Stainless Steel Galvanized in Titanium Black + Laminated Glass

*/Front Wall/* Mirror Stainless Steel Galvanized in Titanium Black

*/Back Wall/* Mirror Stainless Steel Galvanized in Titanium Black + Laminated Glass

*/Side Wall/* Mirror Stainless Steel Etched and Galvanized in Titanium Black+ Laminated Glass

*/Flooring/* Patterned Marble (F-M128)

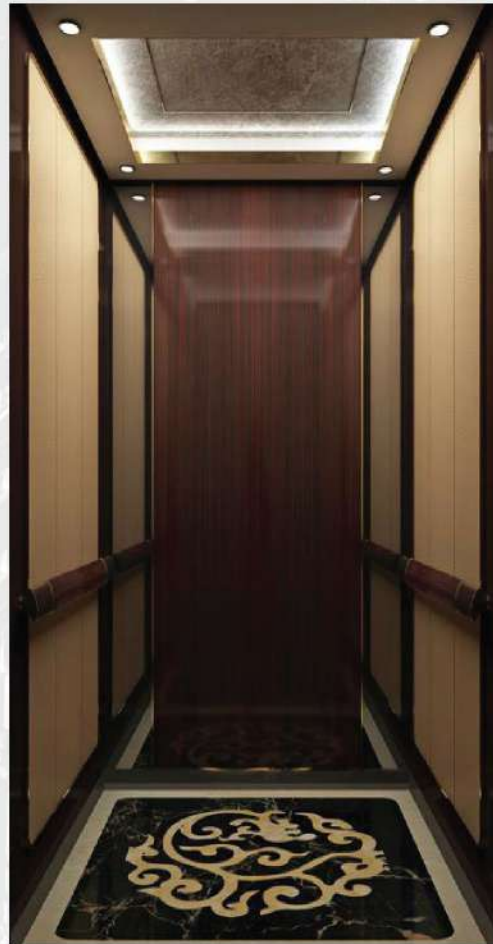
*/Handrail/* Die-Casting Alloy Handrail





# CLASSICAL DESIGN

## CAB-C008G



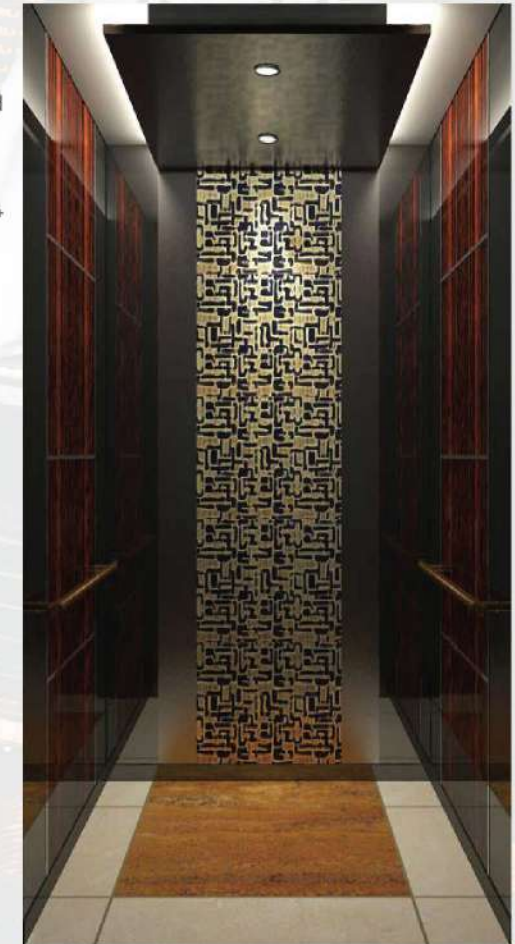
- /Car Ceiling/* CO31
- /Car Door/* Sandblasted Stainless Steel Galvanized in Titanium Black
- /Front Wall /* Mirror Stainless Steel
- /Back Wall/* Mirror Stainless Steel +Titanium Gold Decoration Bar + Piano Lacquer Wooden Finish
- /Side Wall/* Titanium Gold Decoration Bar + Furred +Piano Lacquer Wooden Finish
- /Flooring/* Jade+ Patterned Marble (F-M119)
- /Handrail/* Mirror Stainless Steel Galvanized in Champagne Gold + Solid Wooden



- /Car Ceiling/* CO32
- /Car Door/* Hairline Stainless Steel Galvanized in Titanium Black
- /Front Wall /* Hairline Stainless Steel Galvanized in Titanium Black
- /Back Wall/* Mirror Stainless Steel Galvanized in Titanium Black + Sandblasted Mirror Stainless Steel Galvanized in Titanium Black + Hairline Stainless Steel Etched and Galvanized in Antique Copper
- /Side Wall/* Piano Lacquer Wooden Finish + Mirror Stainless Steel Decoration Bar + Mirror Stainless Steel Galvanized in Titanium Black
- /Flooring/* Patterned Marble Inlaid with Copper Bar Decorations (F-M120)
- /Handrail/* Aluminum Handrail Galvanized in Red Antique Copper



## CAB-C009G





# MODERN DESIGN

## CAB-M014G



- /Car Ceiling/* C033
- /Car Door/* Sandblasted Stainless Steel Galvanized in Champagne Gold
- /Front Wall /* Mirror Stainless Steel
- /Back Wall/* Wooden Pattern Film (WO20) + Sandblasted Stainless Steel Etched and Galvanized in Champagne Gold
- /Side Wall/* Wooden Pattern Film (WO20) +Mirror Stainless Steel Galvanized in Champagne Gold
- /Flooring/* Patterned Marble (F-M121)
- /Handrail/* Solid Wooden +Mirror Stainless Steel Galvanized in Champagne Gold



- /Car Ceiling/* C034
- /Car Door/* Hairline Stainless Steel
- /Front Wall /* Hairline Stainless Steel
- /Back Wall/* Wooden Pattern Film (WO21) + Sandblasted Mirror Stainless Steel
- /Left Side Wall/* Wooden Pattern Film (WO21)
- /Right Wall/* Wooden Pattern Film (WO21) + Mirror Stainless Steel
- /Flooring/* Patterned Marble (F-M122)
- /Handrail/* Mirror Stainless Steel



## CAB-M011G





# MODERN DESIGN

## CAB-M012G



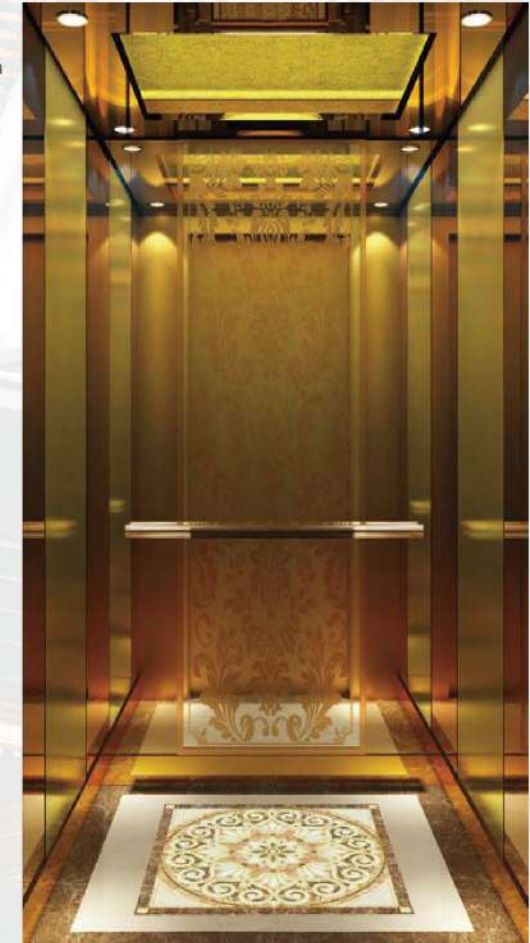
- /Car Ceiling/* C035
- /Car Door/* Hairline Stainless Steel Galvanized in Red Antique Copper
- /Front Wall /* Hairline Stainless Steel Galvanized in Red Antique Copper
- /Back Wall/* Mirror Stainless Steel Galvanized in Red Antique Copper
- /Side Wall/* Hairline Stainless Steel Galvanized in Red Antique Copper
- /Flooring/* Patterned Marble (F-M123)
- /Handrail/* Mirror Stainless Steel + Solid Wooden



- /Car Ceiling/* C036
- /Car Door/* Sandblasted Stainless Steel Galvanized in Titanium Gold
- /Front Wall /* Mirror Stainless Steel Galvanized in Titanium Gold
- /Back Wall/* Mirror Stainless Steel Galvanized in Titanium Gold + Mirror Stainless Steel Etched and Galvanized in Titanium Gold
- /Side Wall/* Mirror Stainless Steel Etched and Galvanized in Titanium Gold + Random Line Stainless Steel Galvanized in Titanium Gold
- /Flooring/* Gilding Stone 1200 x 1200 Patterned Marble (F-M124)
- /Handrail/* Mirror Stainless Steel Galvanized in Titanium Gold + Solid Wooden



## CAB-M013G





# TRADITIONAL DESIGN

## CAB-C006G



*/Car Ceiling/ CO29*

*/Car Door/ Laminated Glass + Hairline  
Stainless Steel Galvanized in Champagne Gold*

*/Front Wall / Hairline Stainless Steel  
Galvanized in Champagne Gold*

*/Back Wall/ Laminated Glass + Hairline  
Stainless Steel Galvanized in Champagne Gold*

*/Side Wall/ Laminated Glass + Hairline  
Stainless Steel Galvanized in Champagne Gold*

*/Flooring/ Patterned Marble Inlayed with  
Mirror Stainless Steel Decoration Bar (F-M127)*

*/Handrail/ Die-Casting Alloy Handrail*



*/Car Ceiling/ CO30*

*/Car Door/ Hairline Stainless Steel  
Galvanized in Titanium Black  
+ Laminated Glass*

*/Front Wall / Mirror Stainless Steel  
Galvanized in Titanium Black*

*/Back Wall/ Mirror Stainless Steel  
Galvanized in Titanium Black  
+ Laminated Glass*

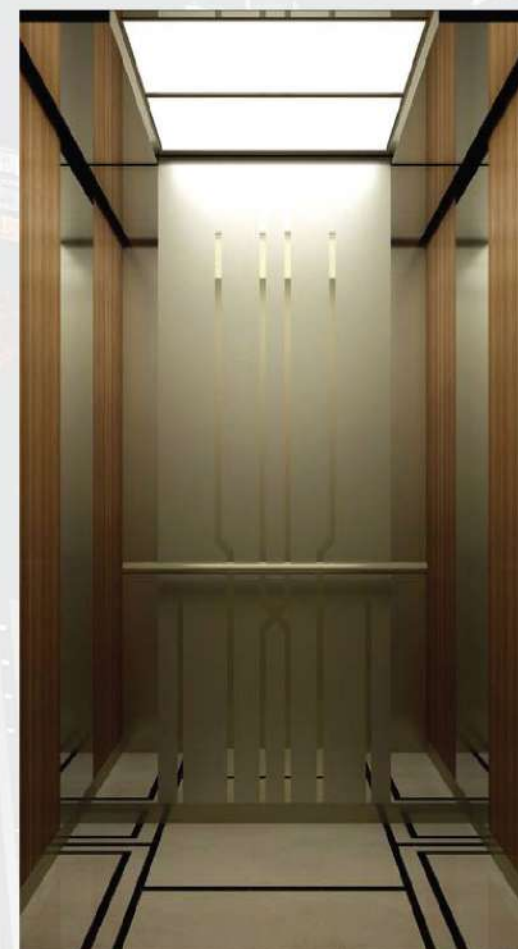
*/Side Wall/ Mirror Stainless Steel Etched  
and Galvanized in Titanium Black  
+ Laminated Glass*

*/Flooring/ Patterned Marble (F-M128)*

*/Handrail/ Die-Casting Alloy Handrail*



## CAB-C007G





# LUXURY DESIGN

## CAB-E010G



- /Car Ceiling/** C039
- /Car Door/** Sandblasted Stainless Steel Galvanized in Zirconium Gold
- /Front Wall /** Mirror Stainless Steel Galvanized in Zirconium Gold
- /Back Wall/** Sandblasted Stainless Steel Galvanized in Zirconium Gold + Hard Fur with Embroidery
- /Side Wall/** Sandblasted Stainless Steel Galvanized in Zirconium Gold + Hard Fur with Embroidery
- /Flooring/** Gilding Stone 1200 x 1200 Patterned Marble (F-M125)
- /Handrail/** Mirror Stainless Steel Etched and Galvanized in Titanium Gold



## CAB-E008G



- /Car Ceiling/** C040
- /Car Door/** Hairline Stainless Steel Galvanized in Titanium Gold
- /Front Wall /** Hairline Stainless Steel Galvanized in Titanium Gold
- /Back Wall/** Wooden Finish + Furred + Decoration Bar
- /Side Wall/** Wooden Finish + Furred + Decoration Bar + Mirror Stainless Steel
- /Flooring/** Patterned Marble (F-M126)
- /Handrail/** Mirror Stainless Steel Galvanized in Titanium Gold + Solid Wooden Integrated COP





# EUROPEAN DESIGN

## CAB-E005G



*/Car Ceiling/* CO37

*/Car Door/* Sandblasted Stainless Steel Galvanized in Titanium Black

*/Front Wall /* Mirror Stainless Steel Galvanized in Titanium Black

*/Back Wall/* Mirror Stainless Steel Galvanized in Titanium Black  
+ Hairline Stainless Steel deeply etched and galvanized in antique copper

*/Side Wall/* Mirror Stainless Steel Etched and Galvanized in Titanium Black

*/Flooring/* Marble (F-M005)



*/Car Ceiling/* CO38

*/Car Door/* Sandblasted Stainless Steel Galvanized in Titanium Black

*/Front Wall /* Mirror Stainless Steel Galvanized in Titanium Black

*/Back Wall/* Mirror Stainless Steel Galvanized in Titanium Black  
+ Random Line Stainless Steel Galvanized in Champagne Gold

*/Side Wall/* Mirror Stainless Steel Etched and Galvanized in Titanium Black  
+ Random Line Stainless Steel Galvanized in Champagne Gold

*/Flooring/* Patterned PVC (F-P012)

*/Handrail/* Die-Casting Alloy Handrail



## CAB-E006G





# DOORS



Hairline Stainless Steel

Champagne Gold Coating

Mirror Stainless Steel Etched and Galvanized in Zirconium Gold

Mirror Stainless Steel Etched and Galvanized in Red Antique Copper

Mirror Stainless Steel Etched and Galvanized Titanium Gold

Mirror Stainless Steel Partly Drawn with Lines and Galvanized in Champagne Gold

# WALLS & DOOR MATERIALS

W: Wooden Film

M: Metal Film

\* Please refer to the car material description for details about the materials



W018



W019



Hairline Stainless Steel



Mirror Stainless Steel



Sandblasted Stainless Steel



Sandblasted Stainless Steel Galvanized in Titanium Gold



W020



W021



Mirror Stainless Steel Galvanized in Titanium Black



Mirror Stainless Steel Galvanized in Titanium



Mirror Stainless Steel Galvanized in Champagne Gold



Mirror Stainless Steel Galvanized in Zincolumn Gold

\* Note: The material color might be different subject to manufacturing. We reserve the right to change without any notice for better quality.



## HANDRAIL



**HR-009**  
Mirror Stainless Steel Handrail  
with Solid Wooden Finish



**HR-010**  
Die-Casting Alloy Handrail



**HR-011**  
Mirror Stainless Steel Handrail  
Etched and Galvanized in  
Titanium Gold



**HR-012**  
Hairline Stainless Steel Handrail



**HR-013**  
Hairline Stainless Steel Handrail  
Galvanized in Titanium Gold



**HR-014**  
Mirror Stainless Steel Handrail  
Galvanized in Titanium Gold



**HR-015**  
Mirror Stainless Steel Handrail  
Galvanized in Titanium Gold  
with solid wooden finish



**HR-016**  
Aluminum Handrail Galvanized  
in Red Antique Copper

## FLOOR

F-M : Marble  
-Please refer to the car material  
description for details about the materials



F-M105



F-M106



F-M108



F-M109



F-M110



F-M111



F-M112



F-M116



F-M113



F-M114



F-M115



F-M137



F-M138



F-M139



# CEILING

## Classical Style



**CO29** | Mirror Stainless Steel + LED Duct + LED Panel



**CO30** | Mirror Stainless Steel + LED Panel

## Classical Luxury Style



**CO31** | Wooden Finish Ceiling + Silver Foil + Titanium Decoration Bar + LED Belt



**CO32** | Sandblasted Stainless Steel Galvanized in Titanium Black + Hidden LED Belt

## Modern Style



**CO33** | Mirror Stainless Steel + LED Duct + LED Panel



**CO34** | Sandblasted Stainless Steel + LED Duct + LED Panel

## Modern Luxury Style



**CO35** | Mirror Stainless Steel Galvanized in Red Antique Copper + Hidden LED Belt



**CO36** | Mirror Stainless Steel Galvanized in Titanium Gold + Hidden LED Belt + LED Duct

## European Style



**CO37** | Mirror Stainless Steel Galvanized in Titanium Black + Hidden LED + LED Duct



**CO38** | Hairline Stainless Steel + LED Panel + LED Duct

## European Luxury Style



**CO39** | Wooden Finish Ceiling + Silver Foil + Hidden LED Belt + LED Duct



**CO40** | Wooden Finish Ceiling + Droplight (Optional) + Gold Foil + Hidden LED Belt

## Luxury Sight-Seeing Style



**CO42** | Mirror Stainless Steel Galvanized in Titanium Black + LED Duct + Filmed (MO12) + Hidden LED Belt



**CO43** | Wooden Finish Ceiling + LED Duct

## Sight-Seeing Style



**CO41** | Hairline Stainless Steel Galvanized in Champagne Gold + LED Panel

## Standard Style



**CO45** | Steel Plate with Volcanic Grey Coating + LED Duct

## Standard Style



**CO27** | Hairline Stainless Steel + 300x600 Lamp Panel



**CO28** | Steel Plate with Champagne Gold Coating + 300x600 Lamp panel

Note: Trap door is available in some ceiling type. Please contact our Sales representative for more detail and material selection.

\* Note: The material color might be different subject to manufacturing. We reserve the right to change without any notice for better quality.



# CAR OPERATION PANEL



## Integrated CPIG

**Face Panel :**  
Hairline Stainless Steel  
**Display :**  
True Color 18.5 Inch LCD



## C05G

**Face Panel :**  
Titanium Black Hairline Stainless Steel with Black Bright Sanded Frame  
**Display :**  
True Color 18.5 Inch LCD



## C06G

**Face Panel :**  
Titanium Black Mirror Stainless Steel with Champagne Gold Frame  
**Display :**  
True Color 18.5 Inch LCD



## C07G

**Face Panel :**  
Titanium Black Mirror Stainless Steel with Rose Gold Frame  
**Display :**  
True Color 18.5 Inch LCD



## C13G

**Face Panel :**  
Hairline Stainless Steel with Silver Sanded Frame  
**Display :**  
True Color 18.5 Inch LCD



## C14G

**Face Panel :**  
Mirror Stainless Steel with Silver Sanded Frame  
**Display :**  
True Color 18.5 Inch LCD

Note: Card reader is optional. Please contact our Sales representative for more detail and material selection.



## DISPLAYS



COP Display  
True Color LCD  
18.5 inches



COP Display  
True Color LCD  
7 inches



COP Display  
Amber LED  
dot-matrix



COP Display  
Monochrome  
LCD



LIOP Display  
True Color LCD  
1.3 inches



LIOP Display  
Amber LED  
dot-matrix



LIOP Display  
Monochrome  
LCD

## LANDING INDICATOR OPERATION PANEL



### L01G

Face Panel :  
Titanium Black Mirror  
Stainless Steel with  
Bright Chrome Frame  
Display :  
True Color 4.3 Inch  
LCD



### L03G

Face Panel :  
Mirror Stainless Steel  
with Bright Chrome  
Frame  
Display :  
True Color 4.3 Inch  
LCD



### L05G

Face Panel :  
Rose Gold Mirror  
Stainless Steel with  
Rose Gold Frame  
Display :  
True Color 4.3 Inch  
LCD



### L07G

Face Panel :  
Champagne Gold  
Mirror Stainless Steel  
with Champagne Gold  
Frame  
Display :  
True Color 4.3 Inch  
LCD



### L11G

Face Panel :  
Titanium Black Hairline  
with Black Mat Frame  
Display :  
True Color 4.3 Inch  
LCD

\* Card reader is optional

## BUTTON



### CB01

Titanium Black Hairline  
Stainless Steel with Braille  
LED with selectable color



### CB02

Titanium Black Hairline  
Stainless Steel with Braille  
White LED



### CB03

Titanium Black Hairline  
Stainless Steel with Braille  
Blue LED



### CB04

Titanium Black Hairline  
Stainless Steel with Braille  
Green LED



### CB05

Titanium Black Hairline  
Stainless Steel with Braille  
Orange LED



### CB06

Black  
Mint Green LED



### CB07

Black  
Pink LED



### CB08

Black  
Red LED



### CB09

Black  
Yellow LED



### CB10

Black  
Sky Blue LED

## LANDING HALL LANTERN



### LHL2



### LHL1

Titanium Black Stainless Steel  
with Bright Chrome Frame



### LHL7



### LHL9



### LHL8

Stainless Steel with Bright  
Chrome Frame

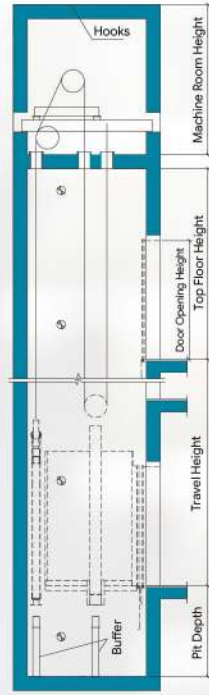


### LHL14

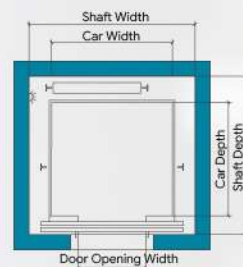


## Technical Specification and Parameters of Passenger Elevators (With Machine Room)

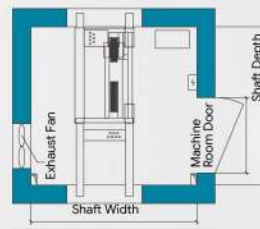
Capacity (kg)	Rated Speed (m/s)	Door Opening Width of Middle Opening Door (mm)	Door Opening Height of Middle Opening Door (mm)	Car Dimension W x D x H (mm)	Shaft Size W x D (mm)	Machine Room Dimension W x D x H (mm)	Top Floor Height (mm)	Pit Depth (mm)	Maximum Travel Height (mm)	Motor Rated Power Consumption (kw)	Rated Current (A)
800	1.0	800	2100	1400×1350×2350	2000×2000	2000×2000×2500	4300	1500	50	5.3	12
	1.5	800	2100	1400×1350×2350	2000×2000	2000×2000×2500	4400	1600	80	8	21
	1.75	800	2100	1400×1350×2350	2000×2000	2000×2000×2500	4500	1650	80	9.3	21
	2.0	800	2100	1400×1350×2350	2000×2000	2000×2000×2500	4600	1700	100	10.9	25
	2.5	800	2100	1400×1350×2350	2000×2000	2000×2000×2500	4800	1800	120	12.5	31.6
1050	1.0	900	2100	1600×1500×2350	2200×2150	2200×2100×2500	4300	1500	50	6.6	15
	1.5	900	2100	1600×1500×2350	2200×2150	2200×2100×2500	4400	1600	80	10	25
	1.75	900	2100	1600×1500×2350	2200×2150	2200×2100×2500	4500	1650	80	11.6	27
	2.0	900	2100	1600×1500×2350	2200×2150	2200×2100×2500	4600	1700	100	13.6	31
	2.5	900	2100	1600×1500×2350	2200×2150	2200×2100×2500	4800	1800	120	16.7	39.8
1150	1.0	1100	2100	1800×1400×2350	2400×2100	2400×2100×2500	4300	1500	50	7.7	18.2
	1.5	1100	2100	1800×1400×2350	2400×2100	2400×2100×2500	4400	1600	80	11.5	28.4
	1.75	1100	2100	1800×1400×2350	2400×2100	2400×2100×2500	4500	1650	80	13.5	32.2
	2.0	1100	2100	1800×1400×2350	2400×2100	2400×2100×2500	4600	1700	100	15.4	36
	2.5	1100	2100	1800×1400×2350	2400×2100	2400×2100×2500	4800	1800	120	19.2	47
1250	1.0	1100	2100	1950×1400×2350	2600×2100	2600×2100×2500	4300	1500	50	8.4	20
	1.5	1100	2100	1950×1400×2350	2600×2100	2600×2100×2500	4400	1600	80	12.5	30.6
	1.75	1100	2100	1950×1400×2350	2600×2100	2600×2100×2500	4500	1650	80	14.6	33.5
	2.0	1100	2100	1950×1400×2350	2600×2100	2600×2100×2500	4600	1700	100	16.7	38.6
	2.5	1100	2100	1950×1400×2350	2600×2100	2600×2100×2500	4800	1800	120	20.8	48
1350	1.0	1100	2100	1950×1500×2350	2600×2200	2600×2200×2500	4300	1500	50	9.3	22
	1.5	1100	2100	1950×1500×2350	2600×2200	2600×2200×2500	4400	1600	80	14	38
	1.75	1100	2100	1950×1500×2350	2600×2200	2600×2200×2500	4500	1650	80	16.4	38
	2.0	1100	2100	1950×1500×2350	2600×2200	2600×2200×2500	4600	1700	100	18	43
	2.5	1100	2100	1950×1500×2350	2600×2200	2600×2200×2500	4800	1800	120	22.6	51.8
1600	1.0	1100	2100	1950×1750×2350	2600×2500	2600×2500×2500	4400	1500	50	11.1	26
	1.5	1100	2100	1950×1750×2350	2600×2500	2600×2500×2500	4500	1600	80	16.6	45
	1.75	1100	2100	1950×1750×2350	2600×2500	2600×2500×2500	4600	1650	80	19.4	45
	2.0	1100	2100	1950×1750×2350	2600×2500	2600×2500×2500	4700	1700	100	21.4	50.3
	2.5	1100	2100	1950×1750×2350	2600×2500	2600×2500×2500	4900	1800	120	26.7	62.5



Shaft Vertical View



Shaft Layout



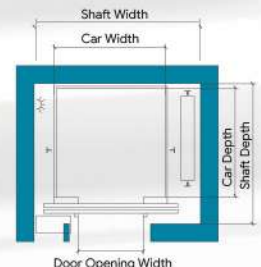
Machine Room Layout

## Technical Specification and Parameters of Passenger Elevators (Machine Room Less)

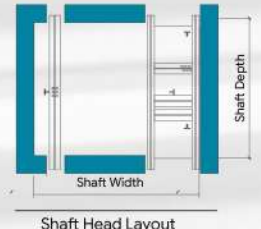
Capacity (kg)	Rated Speed (m/s)	Door Opening Width of Middle Opening Door (mm)	Door Opening Height of Middle Opening Door (mm)	Car Dimension W x D x H (mm)	Shaft Size W x D (mm)	Top Floor Height (mm)	Pit Depth (mm)	Maximum Travel Height (mm)	Motor Rated Power Consumption (kw)	Rated Current (A)
800	1.0	800	2100	1350×1400×2250	2150×1900	4600	1500	50	5.3	12
	1.5	800	2100	1350×1400×2250	2150×1900	4700	1600	80	8	21
	1.75	800	2100	1350×1400×2250	2150×1900	4800	1650	80	9.3	21
	2.0	800	2100	1350×1400×2250	2150×1900	5000	1850	100	10.9	25
	1050	1.0	900	2100	1600×1500×2250	2400×2000	4600	1500	50	6.6
1.5		900	2100	1600×1500×2250	2400×2000	4700	1600	80	10	25
1.75		900	2100	1600×1500×2250	2400×2000	4800	1650	80	11.6	25
2.0		900	2100	1600×1500×2250	2400×2000	5000	1750	100	13.6	31
1150		1.0	1000	2100	1600×1600×2250	2550×2000	4800	1500	50	7.7
	1.5	1000	2100	1600×1600×2250	2550×2000	4900	1600	80	11.5	28.4
	1.75	1000	2100	1600×1600×2250	2550×2000	5000	1650	80	13.5	32.2
	2.0	1000	2100	1600×1600×2250	2550×2000	5200	1750	100	15.9	37
	1250	1.0	1000	2100	1700×1600×2250	2650×2000	4800	1500	50	8.4
1.5		1000	2100	1700×1600×2250	2650×2000	4900	1600	80	12.5	30.6
1.75		1000	2100	1700×1600×2250	2650×2000	5000	1650	80	14.6	33.5
2.0		1000	2100	1700×1600×2250	2650×2000	5200	1750	100	17.3	40
1350		1.0	1100	2100	1800×1600×2250	2750×2000	5000	1500	50	9
	1.5	1100	2100	1800×1600×2250	2750×2000	5100	1600	80	13.5	35.6
	1.75	1100	2100	1800×1600×2250	2750×2000	5200	1650	80	15.8	40
	2.0	1100	2100	1800×1600×2250	2750×2000	5400	1750	100	18.7	43
	1600	1.0	1100	2100	1950×1750×2250	2900×2150	5000	1500	50	10.7
1.5		1100	2100	1950×1750×2250	2900×2150	5100	1600	80	16	41
1.75		1100	2100	1950×1750×2250	2900×2150	5200	1650	80	18.7	47
2.0		1100	2100	1950×1750×2250	2900×2150	5400	1750	100	22.2	51



Shaft Vertical View



Shaft Layout



Shaft Head Layout

## FUNCTIONS AND OPTIONS

S: Standard Functions O: Optional Functions

### Safety Protection

Over/Under Voltage Protection (Power Grid Fluctuation Resisting)	S
3-Phase Sequence Detection (Phase Sequence Mistake Protection)	S
Device Short Circuit Protection (Breaker Protection)	S
Motor Overheating Protection	S
Light Curtain Detection	S
Overload Recognition (Running stop and alarm when overload)	S
Runaway Prohibition (Emergency stop when over speed)	S
UPS Evacuation in case of Power Failure	S
Seismic Evacuation	O
Automatic Recognition of Running Direction in case of Power Failure	S
Intelligent activation of Emergency Power Supply	O
Fire Evacuation	O
Fireman Running	O
Elevator Lock Function	O
Mobile Communication	O
5-Way Communication	S
Re-leveling	S
Alarm	S
Access Authorization in different levels	O
Message via Tele Assistant in Case of Emergency Stop	S
Emergency Light in case of Power Failure	S
Intercom and Alarm in case of Power Failure	S
Battery Buffered Operation of Brake	O

### Information Interaction

3-Digit Floor Number Display	O
Voice Announcement	S
Car Arrival Gong	S
Hall Lantern Arrival Indication	O
Hall Arrival Gong	S
17" HD LCD in Car	S
Colorful Buttons	O
Internet Connected Elevator	S
Upgrading Advertising via Network	O

### System Monitoring

Travel Counter	S
Running Time Counter	S
Error Stack Recording	S
Monitoring	S
Monitoring of Elevator availability	O
Elevator Real-Time Monitoring	O
Monitoring Camera in Car	O
Access to Diagnostic on the Car Top	S
Detection on all Safety Circuit Switches	S
Access to Diagnostic in the Pit	S
Access to Diagnostic in Machine Room	S
Car Vibration 3D Monitoring	O
Cloud Based Network Monitoring System	S
Cloud Based Predictive Maintenance System	O
Automatic Rescue System	O
Tele-Assistant System	O

### Energy-Saving

Energy-Saving Options in the Car	O
Energy-Saving Mode in case of Evacuation by UPS	S
Standby or Switch off of door operator	S

### Commissioning and Inspection

New Motor Parameter teach-in	S
Shaft teach-in	S
Emergency Evacuation	S
Inspection Running	S
Floor Leveling by Intelligent Calibration	S
Real Time Transmission of Running State	S
UCM Test Function	S
Continuous Operation in Case of Test Run	S
Remote Elevator Parametrization	O
Remote Surveillance of Alarm Button	O
Emergency Call from COP	S
Car Light Surveillance	O
Car Top Socket Outlet	S
Pit Socket Outlet	S
Intelligent Parameter and Data Transmission	S
Interactive Service Panel	S

## FUNCTIONS AND OPTIONS

S: Standard Functions O: Optional Functions

### Control Function

Full Selective Operation	S
Door Opening Time Setting	S
Door Open Holding Time	S
Selectable Parking Landing	S
Returning to selected Parking Landing when Idle	S
Setting of Various Elevator Access Scenarios	S
Door Closing Button	S
Forced Door Closing (Nudging)	O
Adjustable Door Operator Interface	S
Automatic Door Reversing for Reanimating	S
Elevator Operator (Lift Attendant)	O
Brake Output Voltage Settable	S
Brake Voltage and Current Monitoring	S
Operation of the individual Brake Magnets	S
Compulsory Stop	S
Individual brake voltage adjustment	S

### Group Control Running

Peak Run Function	O
Dynamic Parking Levels in Elevator Groups	O
Automatic Disconnection from Group Control at Fault	S
Take out Elevators of Group Function	O

### Comfortable / Convenient / Intelligent

Call Acceptance During Acceleration of Car	S
Floor Selection Cancellation	S
Recognition of "Frozen" Push Buttons	S
Algorithm for Optimized Driving Curve	S
VIP Service	O
"Elevator Full"-Function: Non-Stop Run to Destination	S
Selective Charge (Two Doors Independent Control)	S
Leveling Optimization by Parameters Adjustment	S
Starting Torque: Automatic Compensation for Drive	S
Direct Approach in Landing	S
Advanced Door Opening	O
Automatic Fault Message	O
Noise Optimized Motor Current Feed	S
RFID card reader in the car	S
Multiple Language Supported	O
Additional Power Supply in the car	S
Second Operation Panel	O





# HOME ELEVATOR

## EXCLUSIVE ENJOYMENT OF TASTE WITH EXTRAVAGANT CHARM

It is known for the noble and fashionable decoration; it is famous for strong visual beauty; and it is appreciated for the exquisite use of materials and excellent manufacturing technology. The shining and shimmering elevator, with high quality, is definitely suitable for your splendid architecture.



Product model	ZEIT Home elevator
Use	Private and independent residence use
Control system	Effective vector VVVF frequency invert
Single-phase	220v/380v power supply
Traction machine	The effective and energy-saving traction machine
Door machine	VVVF door machine
Car height mini	2100mm
Rated load (kg)	250-400kg
Rated speed (m/s)	0.4 m/s
Max lifting height	12m

## ALTERNATIVE DOOR STYLES, DIFFERENT CHOICE

Various open modes for customers to choose, meanwhile, personalized mode can be designed according to customer requirements for usage



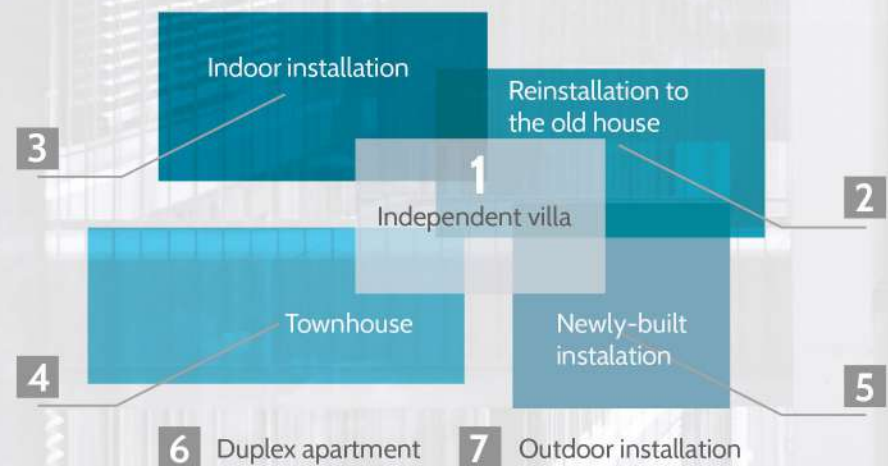
CENTER-OPENING



SIDE-OPENING



MANUAL OPENING





1



If power fails,

2



Press to connect to GSTAS

3



And the Help Desk will send assistance

# INTELLIGENT HOME ELEVATOR

## TELE ASISTANT SYSTEM (GSTAS)

Maximum 5 telephone numbers are set in the system. Any time in emergency, passengers just need to press the alarm button then the call will be activated. In this way, passengers can get help in time.

## ARD (Automatic Rescue Device) - FOR POWER FAILURE

In the event of a power failure, the ARD will supply the power to evacuate the passengers to the nearest floor safely.



# INTELLIGENT INNOVATION



# SMART HOME ELEVATOR

Safety, Convenience, Reliability

## Considering home elevator?

A major benefit to anyone who has trouble climbing up and downstairs. Friends and family also benefit when carrying bulky items by being able to transport them up and down with the touch of button.

## COMFORTABLE FOR THE ELDERLY

This smart home solution solves transporting obstacles for the elderly and the disabled.



## EASIER FOR MOM & KID

Keep the kids safe and secure right next to mom.



## CONVENIENT FOR HEAVY LUGGAGES

Designed to make your transportation less effort and more relaxing.



**XII ELEVATOR**



# TRADITIONAL DESIGN



**CAB-S004G**



*/Car Ceiling/* C027  
*/Car Door/* Hairline Stainless Steel  
*/Front Wall /* Hairline Stainless Steel  
*/Back Wall/* Hairline Stainless Steel  
 + Mirror Stainless Steel  
*/Side Wall/* Hairline Stainless Steel  
 + Mirror Stainless Steel  
*/Flooring/* Patterned Marble (F-M137)

*/Car Ceiling/* C014  
*/Car Door/* Hairline Stainless Steel  
 Galvanized in Champagne Gold  
*/Front Wall /* Hairline Stainless Steel  
 Galvanized in Champagne Gold  
*/Back Wall/* Piano Lacquer Wooden Finish 1  
 +Piano Lacquer Wooden Finish 2  
 +Stainless Steel Decoration Bar  
*/Side Wall/* Piano Lacquer Wooden Finish 1  
 +Piano Lacquer Wooden Finish 2  
 +Stainless Steel Decoration Bar  
*/Flooring/* Patterned Marble (F-M138)

**CAB-C003G**



# TRADITIONAL DESIGN



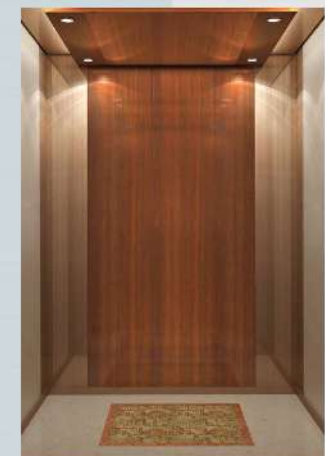
**CAB-C013G**



*/Car Ceiling/* C048  
*/Car Door/* Mirror Stainless Steel  
*/Front Wall /* Mirror Stainless Steel  
*/Back Wall/* Piano Lacquer Wooden  
 Finish + Directionless Stainless Steel  
 Galvanized in Bronze  
*/Side Wall/* Piano Lacquer Wooden  
 Finish  
 + Mirror Stainless Steel Etched in  
 Champagne Gold  
*/Flooring/* Patterned Marble (F-M105)

*/Car Ceiling/* C016  
*/Car Door/* Mirror Stainless Steel  
*/Front Wall /* Mirror Stainless Steel  
*/Back Wall/* Hairline Stainless Steel  
 Galvanized in Bronze  
 + Piano Lacquer Wooden Finish  
*/Side Wall/* Hairline Stainless Steel  
 Galvanized in Bronze + Leather  
*/Flooring/* Patterned Marble with  
 artificial stone 600x600 (F-M106)

**CAB-C005G**



# MODERN DESIGN



**CAB-M018G**



*/Car Ceiling/* CO49  
*/Car Door/* Hairline Stainless Steel Galvanized in Champagne Gold  
*/Front Wall /* Hairline Stainless Steel Galvanized in Champagne Gold  
*/Back Wall/* Piano Lacquer WoodenFinish + Mirror Stainless Steel  
*/Side Wall/* Hairline Stainless Steel Galvanized in Champagne Gold +Mirror Stainless Steel Galvanized in Titanium Black  
*/Flooring/* Patterned Marble with artificial stone 600x600 (F-M139)

*/Car Ceiling/* CO18  
*/Car Door/* Sanded Stainless Steel Galvanized in Zirconium Gold  
*/Front Wall /* Sanded Stainless Steel Galvanized in Zirconium Gold  
*/Back Wall/* Persian gold + Freize brass  
*/Side Wall/* ersian gold + Freize brass  
*/Flooring/* Patterned Marble with artificial stone 600x600 (F-M108)

**CAB-M007G**



# MODERN DESIGN



**CAB-M008G**



*/Car Ceiling/* CO19  
*/Car Door/* Mirror Stainless Steel Galvanized in Titanium Gold  
*/Front Wall /* Mirror Stainless Steel Galvanized in Titanium Gold  
*/Back Wall/* Sanded Stainless Steel Galvanized in Titanium Gold + Mirror Stainless Steel Galvanized in Titanium Gold  
*/Side Wall/* Sanded Stainless Steel Galvanized in Titanium Gold + Mirror Stainless Steel Galvanized in Titanium Gold  
*/Flooring/* Patterned Marble with artificial stone 600x600 (F-M109)

*/Car Ceiling/* CO50  
*/Car Door/* Mirror Stainless Steel  
*/Front Wall /* Mirror Stainless Steel  
*/Back Wall/* Mirror Stainless Steel Etched and Galvanized in Zirconium Gold + Etched Mirror Stainless Steel  
*/Side Wall/* Mirror Stainless Steel Etched and Galvanized in Zirconium Gold + Sandblasted Stainless Steel Galvanized in Zirconium Gold  
*/Flooring/* Patterned Marble (F-M110)

**CAB-M019G**





# EUROPEAN DESIGN



**CAB-E001G**



*/Car Ceiling/* CO25  
*/Car Door/* Mirror Stainless Steel Galvanized in Titanium Gold  
*/Front Wall /* Mirror Stainless Steel Galvanized in Titanium Gold  
*/Back Wall/* Hairline Stainless Steel Galvanized in Champagne Gold + Mirror Stainless Steel Etched and Galvanized in Titanium Gold  
*/Side Wall/* Hairline Stainless Steel Galvanized in Champagne Gold + Mirror Stainless Steel Galvanized in Titanium Gold  
*/Flooring/* Patterned Marble (F-M111)

*/Car Ceiling/* CO22  
*/Car Door/* Sanded Stainless Steel Galvanized in Champagne Gold  
*/Front Wall /* Sanded Stainless Steel Galvanized in Champagne Gold  
*/Back Wall/* Piano Lacquer Wooden Finish + Sanded Stainless Steel Etched and Galvanized in Champagne Gold  
*/Side Wall/* Piano Lacquer Wooden Finish + Mirror Stainless Steel Galvanized in Champagne Gold  
*/Flooring/* Patterned Marble (F-M112)

**CAB-E012G**



# EUROPEAN DESIGN



**CAB-E003G**



*/Car Ceiling/* CO23  
*/Car Door/* Hairline Stainless Steel Galvanized in Zirconium Gold  
*/Front Wall /* Hairline Stainless Steel Galvanized in Zirconium Gold  
*/Back Wall/* Sanded Stainless Steel Galvanized in Zirconium Gold + Mirror Stainless Steel Etched and Galvanized in Zirconium Gold  
*/Side Wall/* Sanded Stainless Steel Galvanized in Zirconium Gold + Mirror Stainless Steel Etched and Galvanized in Zirconium Gold  
*/Flooring/* Patterned Marble with artificial stone 600x600 (F-M113)

*/Car Ceiling/* CO24  
*/Car Door/* Mirror Stainless Steel  
*/Front Wall /* Mirror Stainless Steel  
*/Back Wall/* Mirror Stainless Steel Etched and Galvanized in Rose Gold + Mirror Stainless Steel Sanded and Galvanized in Rose Gold  
*/Side Wall/* Sanded Stainless Steel Galvanized in Rose Gold + Mirror Stainless Steel Galvanized in Rose Gold  
*/Flooring/* Patterned Marble with artificial stone 600x600 (F-M114)

**CAB-E004G**



\* Note: The material color might be different subject to manufacturing. We reserve the right to change without any notice for better quality.

# CEILING

## European Luxury Style



**C023**  
Mirror Stainless Steel Galvanized in Titanium Gold + Lamp Panel



**C024**  
Sanded Stainless Steel Galvanized in Rose Gold + Hidden LED Belt + LED Down Light

## Luxury Sight-Seeing Style



**C025**  
Mirror Stainless Steel + Hidden Blue LED Belt + LED Down Light



**C026**  
Mirror Stainless Steel Galvanized in Rose Gold + Hidden LED Belt + LED Down Light + Gold Foil

## Traditional Style



**C027**  
Hairline Stainless Steel + 300x600 Lamp Panel



**C014**  
Sanded Stainless Steel + 300x300 Lamp Panel

## Traditional Luxury Style



**C048**  
Shaped Wood + Wooden Line + Gold Foil + Hidden LED Belt



**C016**  
Hairline Stainless Steel Galvanized in Bronze + Sanded Stainless Steel Galvanized in Bronze + Mirror Stainless Steel + LED Spot Light + Hidden LED Belt

## European Style



**C021**  
Mirror Stainless Steel + Hidden LED Belt + LED Down Light + Gold Foil



**C022**  
Sanded Stainless Steel Galvanized in Champagne Gold + Mirror Stainless Steel Galvanized in Champagne Gold + Hidden LED Belt + LED Down Light

## Modern Luxury Style



**C019**  
Mirror Stainless Steel Galvanized in Titanium Gold + Sanded Stainless Steel Galvanized in Titanium Gold + Hidden LED Belt + LED Down Light



**C050**  
Mirror Stainless Steel + Hidden LED Belt + LED Down Light + Gold Foil

## Modern Style



**C049**  
Frosted Stainless Steel + Hidden LED Belt + LED Down Light



**C018**  
Mirror Stainless Steel + LED Lamp Panel

# INTERIOR ELEVATOR DESIGN



## MATERIAL SELECTION



Persian gold



Freize brass



Sandblasted Stainless Steel Galvanized in Titanium Gold



Sandblasted Stainless Steel Galvanized in Zirconium Gold



Hairline Stainless Steel



Mirror Stainless Steel



Mirror Stainless Steel Galvanized in Titanium Black



Sandblasted Stainless Steel



Mirror Stainless Steel Etched in Rose Gold



Mirror Stainless Steel Galvanized in Titanium

## FLOOR

F-M : Marble  
-Please refer to the car material description for details about the materials



F-P027



F-P028



F-P036



F-P025



F-P010



F-M105



F-M106



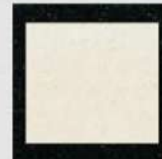
F-M107



F-M108



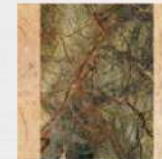
F-M109



F-M110



F-M111



F-M112



F-M113



F-M114

## HANDRAIL



HR-009

Mirror Stainless Steel with Solid Wooden Finish



HR-010

Die-Casting Alloy



HR-011

Mirror Stainless Steel Etched and Galvanized in Titanium Gold



HR-012

Hairline Stainless Steel



HR-013

Hairline Stainless Steel Galvanized in Titanium Gold



HR-014

Mirror Stainless Steel Galvanized in Titanium Gold

## BUTTON



CB01

Titanium Black Hairline Stainless Steel with Braille LED with selectable color



CB02

Titanium Black Hairline Stainless Steel with Braille White LED



CB03

Titanium Black Hairline Stainless Steel with Braille Blue LED



CB12

Titanium Black Hairline Stainless Steel with Braille Pink LED



CB13

Titanium Black Hairline Stainless Steel with Braille Red LED

# CAR OPERATION PANEL LANDING INDICATOR OPERATION PANEL



## C05G

**Face Panel :**  
Titanium Black Hairline  
Stainless Steel with  
Black Bright Sanded  
Frame  
**Display :**  
True Color 17.3 Inch  
LCD



## CL12G

**Face Panel :**  
Titanium Black Hairline  
with Black Mat Frame  
**Display :**  
True Color 4.3 Inch  
LCD



## LU01-VG

**Face Panel :**  
Sand surface stainless  
steel black titanium  
**Display :**  
7 inch true color LCD

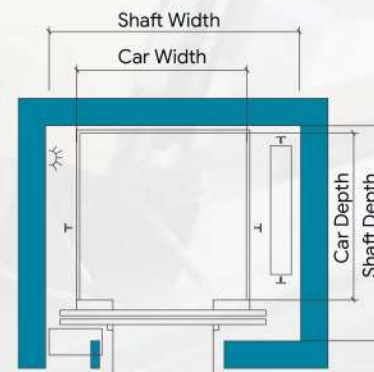


## C16G

**Face Panel :**  
Touch screen  
**Display :**  
10.1 inch true color LCD

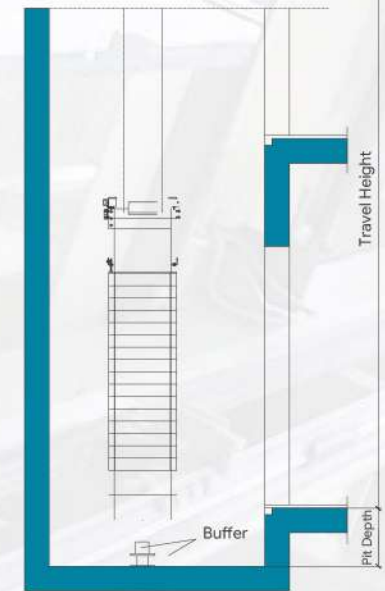
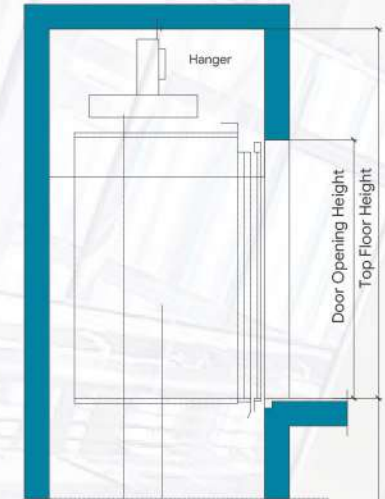
# HOME ELEVATOR TECHNICAL PARAMETERS

Capacity (kg)	400	320	250
Rated Speed (m/s)	0.4	0.4	0.4
Car Dimension W x D x H (mm)	1100×1300×2120	1000×1200×2120	900×1050×2120
Shaft Size W x D (mm)	1800×1700	1700×1600	1600×1500
Door Open Size W x Net H (mm)	800×2000	700×2000	700×2000
Door Opening Mode	Central Opening	Central Opening	Central Opening
Pit Depth (mm)	550	550	550
Top Floor Height (mm)	3000	3000	3000



Door Opening Width

Shaft Layout



Frame Side Placing and Central Opening

Shaft Vertical View



# HOME ELEVATOR FUNCTION

S: Standard Functions O: Optional Functions

## Safety Protection

Over/Under Voltage Protection (Power Grid Fluctuation Resisting)	S
3-Phase Sequence Detection (Phase Sequence Mistake Protection)	S
Device Short Circuit Protection (Breaker Protection)	S
Motor Overheating Protection	S
Light Curtain Detection	S
Overload Recognition (Running stop and alarm when overload)	S
Runaway Prohibition (Emergency stop when over speed)	S
UPS Evacuation in case of Power Fail	S
Seismic Evacuation	O
Automatic Recognition of Running Direction in case of Power Failure	S
Intelligent activation of Emergency Power Supply	O
Fire Evacuation	O
Fireman Running	O
Elevator Lock Function	O
Mobile Communication	O
5-Way Communication	S
Re-leveling	S
Alarm	S
Access Authorization in different levels	O
Message via Tele Assistant in Case of Emergency Stop	S
Emergency Light in case of Power Failure	S
Intercom and Alarm in case of Power Failure	S
Battery Buffered Operation of Brake	O

## Information Interaction

3-Digit Floor Number Display	O
Voice Announcement	S
Car Arrival Gong	S
Hall Lantern Arrival Indication	O
Hall Arrival Gong	S
17" HD LCD in Car	S
Colorful Buttons	O
Internet Connected Elevator	S
Upgrading Advertising via Network	O

## System Monitoring

Travel Counter	S
Running Time Counter	S
Error Stack Recording	S
Monitoring of Elevator availability	O
Elevator Real-Time Monitoring	O
Monitoring Camera in Car	O
Access to Diagnostic on the Car Top	S
Detection on all Safety Circuit Switches	S
Access to Diagnostic in the Pit	S
Access to Diagnostic in Machine Room	S
Car Vibration 3D Monitoring	O
Cloud Based Network Monitoring System	S
Cloud Based Predictive Maintenance System	O
Automatic Rescue System	O
Tele-Assistant System	O

## Energy-Saving

Energy-Saving Options in the Car	O
Energy-Saving Mode in case of Evacuation by UPS	S
Standby or Switch off of door operator	S

## Commissioning and Inspection

New Motor Parameter teach-in	S
Shaft teach-in	S
Emergency Evacuation	S
Inspection Running	S
Floor Leveling by Intelligent Calibration	S
Real Time Transmission of Running State	S
UCM Test Function	S
Continuous Operation in Case of Test Run	S
Remote Elevator Parametrization	O
Remote Surveillance of Alarm Button	O
Emergency Call from COP	S
Car Light Surveillance	O
Car Top Socket Outlet	S
Pit Socket Outlet	S
Intelligent Parameter and Data Transmission	S
Interactive Service Panel	S

S: Standard Functions O: Optional Functions

## Control Function

Full Selective Operation	S
Door Opening Time Setting	S
Door Open Holding Time	S
Selectable Parking Landing	S
Returning to selected Parking Landing when Idle	S
Setting of Various Elevator Access Scenarios	S
Door Closing Button	S
Forced Door Closing (Nudging)	O
Adjustable Door Operator Interface	S
Automatic Door Reversing for Reanimating	S
Elevator Operator (Lift Attendant)	O
Brake Output Voltage Settable	S
Brake Voltage and Current Monitoring	S
Operation of the individual Brake Magnets	S
Compulsory Stop	S
Individual brake voltage adjustment	S

## Group Control Running

Peak Run Function	O
Dynamic Parking Levels in Elevator Groups	O
Automatic Disconnection from Group Control at Fault	S
Take out Elevators of Group Function	O

## Comfortable / Convenient / Intelligent

Call Acceptance During Acceleration of Car	S
Floor Selection Cancellation	S
Recognition of "Frozen" Push Buttons	S
Algorithm for Optimized Driving Curve	S
VIP Service	O
"Elevator Full"-Function: Non-Stop Run to Destination	S
Selective Charge (Two Doors Independent Control)	S
Leveling Optimization by Parameters Adjustment	S
Starting Torque: Automatic Compensation for Drive	S
Direct Approach in Landing	S
Advanced Door Opening	O
Automatic Fault Message	O
Noise Optimized Motor Current Feed	S
RFID card reader in the car	S
Multiple Language Supported	O
Additional Power Supply in the car	S
Second Operation Panel	O
VIP Mobile Phone Car Call	O
Tablet in Car	O





ZEIT ELEVATOR's optimized and proprietary graphic speed curve realizes more stable during acceleration and deceleration. Improved flat layer to be enable getting in-out with convenience and smooth.



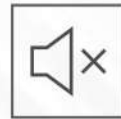
Microcomputer control system equipped provide high reliability and easy operation. Variable frequency control improve the operation performance effectively and reduces power consumption.

## PERMANENT MAGNET SYNCHRONOUS GEAR-LESS TRACTION MACHINE

Select rare earth materials, coaxial drive technology, digital frequency conversion technology and group computer combination.

The control technology is fully integrated, so it brings lower the operation cost and the energy loss.

Compared with other technologies, energy can be saved by over 33%. Gear-less traction machine is no need to replace grease and no oil pollution and with low noise.



Low noise



High efficiency



Energy saving

## MULTIPLE DOOR OPENING

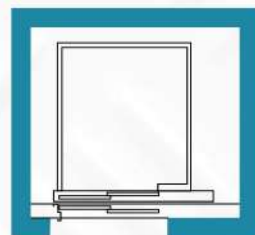
In order to meet the different needs of users, ZEIT freight elevator has four kinds of door opening ways, such as side door, middle door, single door, and double door, which can be flexibly matched with the structure of factories, warehouses, department stores, property centers and other buildings.



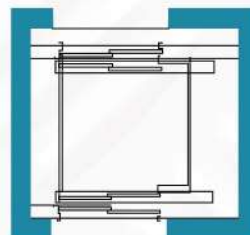
2 Panel Side Opening



4 Panel Side Opening



Single Side Opening



Through Type Opening

# FREIGHT ELEVATOR



GSE-F01

Standard

Celling: LED light in painted steel sheet

Ventilating mode: Circular fan

Car wall/ Car door: Painted steel sheet

Illumination: LED lamp

Door opening mode: 4-panels center opening

Car floor: Checkered plate

Sill: Aluminum alloy



# CAR ELEVATOR

It escorts your car throughout the journey

ZEIT CAR ELEVATOR gives a full use of the years' automobile manufacture technology.

It applies the highly well-developed variable voltage, variable frequency control technology, precise speed governor control.

It avoids noise and car-shake due to enlarged burden of traction system because of uneven encountered force to the car.

It optimizes the characteristics of this series to the greatest extent.



# ESCALATOR

It decorates the space by the well-arranged layout. It pays due contribution to the city traffic through its powerful transport strength. ZEIT Escalator series has multiple advantages such as firm and durable, safe and reliable, peaceful running, low carbon environment protection etc. It perfectly combines with the concentrated passenger flow public places such as the bus station, wharf, airport, underground passenger etc.

60%

## FREQUENCY CONVERSION OF LOW SPEED

Escalator operates steadily with frequency conversion, if there is no passenger in designed period, it would slow the speed, and the energy saving efficiency above 60%

70%

## FREQUENCY CONVERSION OF SELF-STARTING

If there is no passenger at the escalator, then it would slow down the speed for certain time and then stop, when entrance light eyes detect passengers coming then the escalator restarts, the energy saving efficiency above 70%

80%

## FREQUENCY CONVERSION OF LOW SPEED

Control system automatic judges escalator load situation through sensor to shift speed timely, reduces the energy consumption greatly and offers the most comfortable travelling experience for passengers. The energy saving efficiency above 80%.



# MOVING WALK

It peacefully wonders around in the busy city

ZEIT Moving Walk applies the novel,

popular and very innovative streamline design. It grandly, peacefully and gracefully safeguards every corner in the city.

It busily conveys various passengers. It keeps low key.

It always plays a costar for the building. While its great strength transport capacity shows the advanced technology, the reliable transport, the comfortable travel. It boosts the sustainable city developments.

## COLORFUL DECORATION PROVIDING MORE CHARMING SPACE

ZEIT Moving Walk handrail is ample in color and novel style. It can satisfy the individual requirements in various places. The frontline panel applies the stamped pattern. It is rich in 3D sense. It is anti-skid. It appears more elegant and attractive.



33

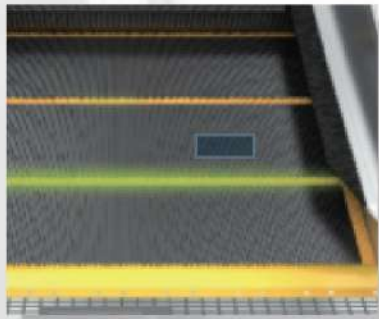
## COMPACT STRUCTURE, THE LARGER DESIGN FREEDOM

Moving walk applies short tread design. Thank to sharply reduced space span as well as the more compact structure, it can save more and more space for the building. It creates the vast generality and flexibility. It can easily be harmonized with various buildings.





# MORE SAFETY, MORE RELIABLE



## Step divider light

The green fluorescent lamp is installed under the upper and lower steps to help passengers identify the horizontal of the steps and improve the safety.



## Safety brush at skirting

The plastic brush help to prevent passenger's dothes from getting caught in the gap of skirting and step.



## Broken or Missing step protection

The escalator will stop running when the step is missing or broken.



## Automatic lubrication system

The automatic lubrication system controlled by microcomputer is adopted to realize the ideal automatic lubrication for the transmission chain in the running process of escalator and extend the service life of the transmission mechanism.



## Automatic start & standby

The infrared ray sensor which is near the front board can detect the passenger that enter into the escalator or moving walk. Then it will automatically start the operation. After a preset time when the last passenger leave, it will automatically slows down and then stop operation in order to save energy.



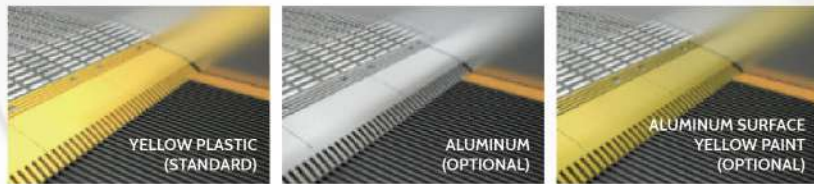
## Handrail Color



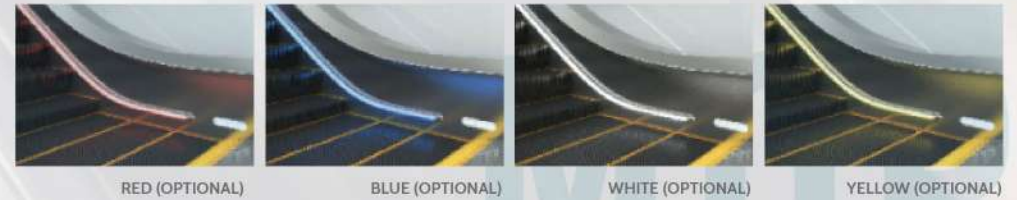
## Handrail Lighting



## Comb Teeth



## Skirting Lighting



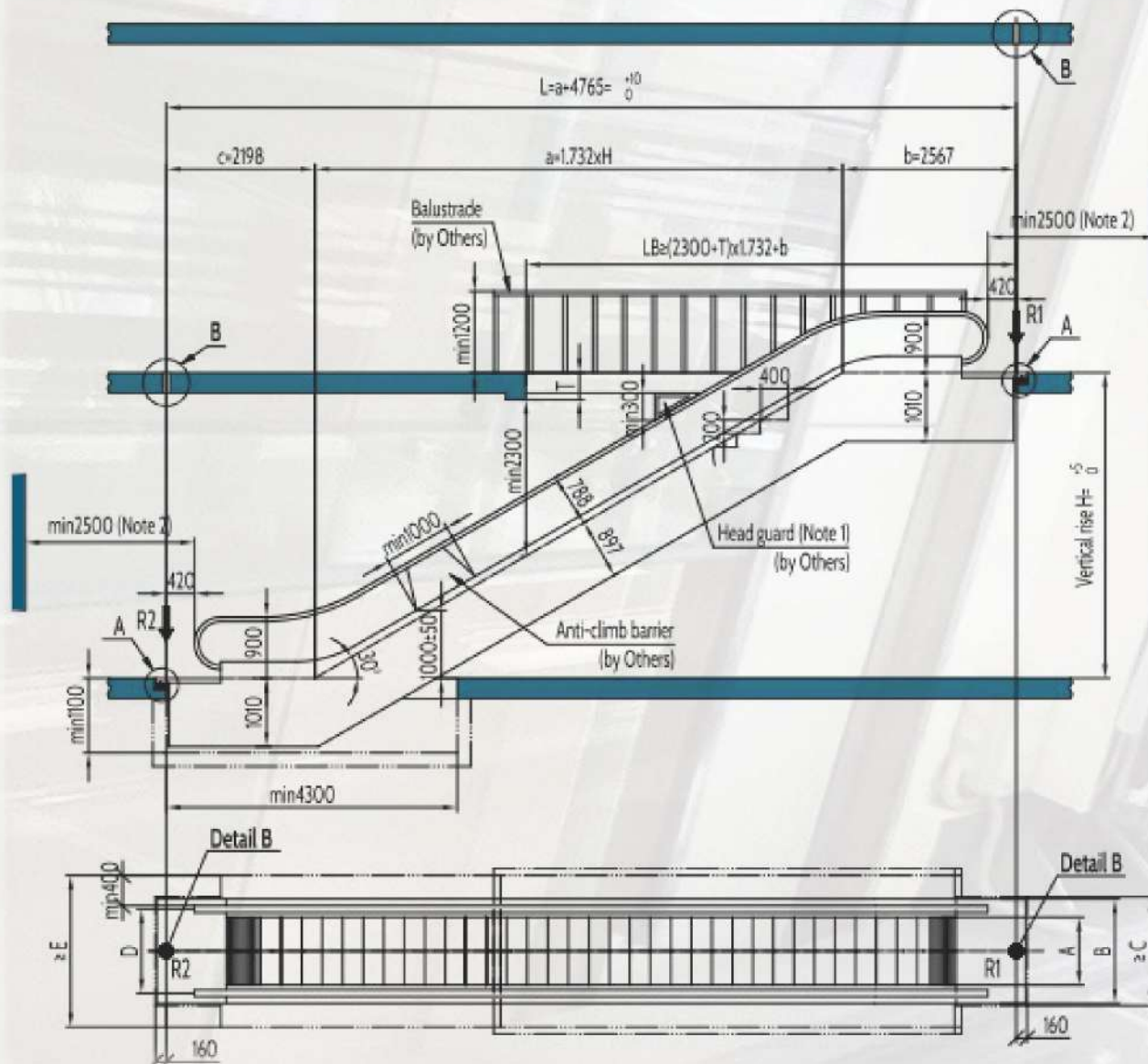
## Frontier Board



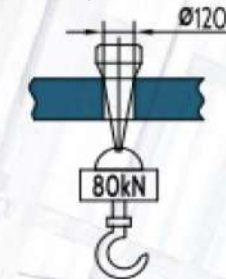
## Running Direction Indicator



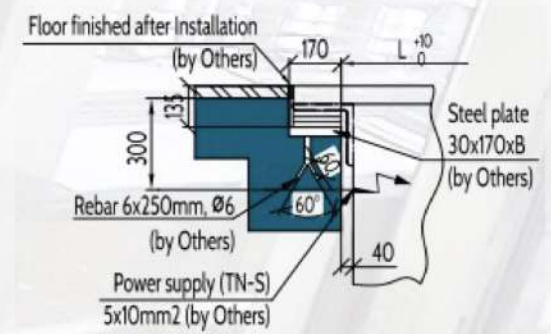
# MODEL GSES-30 Series



Detail B  
(by Others)



Detail A



## GSES-30 Series

Application	Indoor or Outdoor
Step Width	600 - 800 - 1000mm
Rate speed	0.5 m/s 0.65 m/s
Vertical rise	$H \leq 6000 \text{mm}$
Inclined angle	$30^\circ$
Safety code	European and Vietnamese code
Power supply	3-phases: 380VAC; 50Hz
Lighting supply	1-phase: 220VAC; 50Hz









# TOGETHER WE RISE

Kids are pure seeds, we plant them with care,  
they will grow up well-prepared.

At VGSI, we improve lives not only for surviving but for  
actual living. We strive to give children in foster care a  
brighter future, a sense of normalcy and belonging.









THE UNIQUE **100M**  
TEST  
TOWER  
IN VIETNAM

### CONTACT



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