

ELEVATOR, ESCALATOR & COMPONENTS PRODUCT CATALOG

LIFTECH GLOBAL
ELEVATORS & ESCALATORS

Your Vision. Our Elevator Solutions.

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Liftech Global Elevators & Escalators — Product Catalog

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Company Profile

LIFTECH GLOBAL ELEVATORS & ESCALATORS

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Elevators, escalators and components — supply, installation and after-sales service enquiries via the contacts below.

WEBSITE	CALL / WHATSAPP	SERVICE LOCATIONS
www.elevatorescalators.com	+92 333 4455325	Karachi | Lahore | Islamabad | Peshawar

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Small Machine Room Elevator

LGE-PAS-0001

The small machine room passenger elevator applies a rational construction layout. The machine room is about the same size as the well, which effectively saves machine room space, reduces the restrictions on the building outline design and reduces the building space cost.

Machine room: Approximately the size of the well
Traction machine: Permanent magnet synchronous gearless
Control cabinet: Compact thin type

Flexible building integration

It fulfills the uniformity between machine room and the well area, greatly saving the building cost and satisfying the requirements of many buildings.

Gearless traction machine

Small bulk and light weight, with high drive efficiency. Its area is only half of the traditional traction machine, which greatly reduces the machine room area.

Compact thin control cabinet

A special-purpose thin control cabinet, more compact in structure and more slender in outline — effectively saving well space and enhancing the utilization rate of the building space.



Machine Roomless Elevator

LGE-PAS-0002

The machine roomless passenger elevator saves energy and reduces consumption, saves construction area and increases the freedom of designers. No machine room is required, giving more possibilities for the limited space of modern construction.

Machine room: None — integrated into the well
Traction machine: Installed in the well
Control cabinet: Installed in the well



Blended into the construction

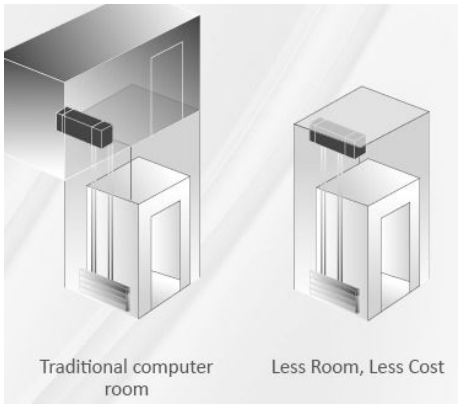
Only one independent hoistway is needed, without the presence of a machine room. Architects and developers are allowed to conduct designing in a freer way.

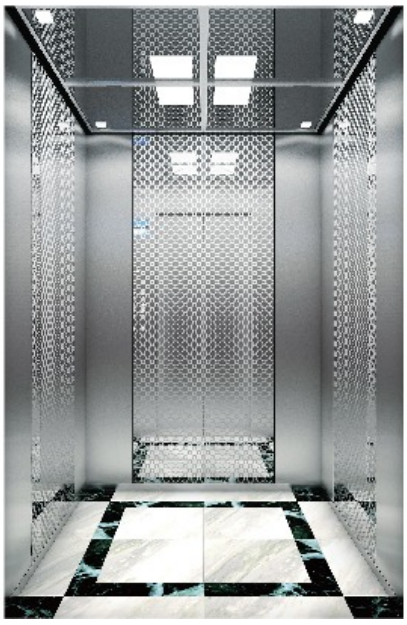
Saving the costs for construction

The elevator takes less space, enabling effective utilization of the construction space. Compared with geared elevators of the same load capacity, machine roomless elevators save 25% electricity and 10% of construction area.

100% utilization rate of building space

The traction machine and control cabinet are properly installed into the well. It saves the space cost for the building and fulfills a 100% high utilization rate of the building space.





LGE-CAB-0001

Passenger elevator cabin — mirror & etched stainless steel

Car top: Mirror SS, LED lamp + downlight
Car wall: Hairline SS + mirror etching SS
Handrail: None
Floor: PVC



LGE-CAB-0002

Passenger elevator cabin — mirror stainless steel, acrylic lighting

Car top: Mirror SS, acrylic lighting, downlight
Car wall: Hairline SS + mirror etching SS
Handrail: SS flat
Floor: PVC



LGE-CAB-0003

Passenger elevator cabin — hairline stainless steel, acrylic panel

Car top: Hairline SS, acrylic transparent board
Car wall: Hairline SS + mirror etching SS
Handrail: SS single tube
Floor: PVC



LGE-CAB-0004

Passenger elevator cabin — mirror stainless steel hollow plate, soft lighting

Car top: SS mirror hollow plate, soft lighting
Car wall: Mirror SS + mirror etching SS
Handrail: SS single tube
Floor: PVC



LGE-CAB-0005

Passenger elevator cabin — marble floor, etched stainless steel

Car top: Hairline SS, acrylic transparent plate
Car wall: Hairline SS + mirror etched SS
Handrail: SS flat
Floor: Marble



LGE-CAB-0006

Passenger elevator cabin — mirror etched steel, sprayed steel top

Car top: Sprayed steel plate + acrylic transparent plate
Car wall: Mirror etched SS + hairline SS
Handrail: None
Floor: PVC



LGE-CAB-0007

Passenger elevator cabin — double-arch acrylic ceiling

Car top: Hairline SS, double-arch acrylic transparent plate, LED lamp
Car wall: Hairline SS + mirror etching SS
Handrail: SS flat
Floor: PVC



LGE-CAB-0008

Passenger elevator cabin — mirror stainless steel walls

Car top: Hairline SS frame, acrylic + LED lighting
Car wall: Hairline SS + mirror SS
Handrail: None
Floor: PVC



LGE-CAB-0009

Passenger elevator cabin — centre organic panel ceiling

Car top: Mirror SS frame, centre white organic panel
Car wall: Mirror SS + mirror etching SS
Handrail: None
Floor: PVC



LGE-CAB-0010

Passenger elevator cabin — multilayer light-transmission panel

Car top: Hairline SS frame, both-sides acrylic lighting, multilayer light-transmission plate
Car wall: Mirror SS + mirror etching SS
Handrail: SS round single tube
Floor: PVC



LGE-CAB-0011

Passenger elevator cabin — organic board ceiling, downlight

Car top: Mirror SS frame + downlight, middle organic board
Car wall: Mirror SS + mirror etching SS
Handrail: SS flat
Floor: PVC



LGE-CAB-0012

Passenger elevator cabin — two-side acrylic lighting

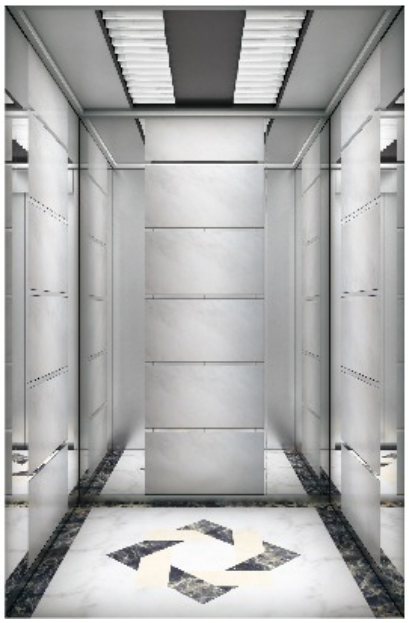
Car top: Hairline SS frame, two-side acrylic lighting
Car wall: Hairline SS + mirror etching SS
Handrail: SS flat
Floor: PVC



LGE-CAB-0013

Passenger elevator cabin — diamond silver painted steel

Car top: Diamond silver painted steel + acrylic lighting board
Car wall: Hairline SS
Handrail: None
Floor: PVC



LGE-CAB-0014

Passenger elevator cabin — etched stainless steel walls

Car top: Hairline SS frame, LED lighting panel
Car wall: Etching SS
Handrail: None
Floor: PVC



LGE-CAB-0015

Passenger elevator cabin — mirror stainless steel walls, round handrail

Car top: Hairline SS + LED lighting panel
Car wall: Hairline SS + mirror SS
Handrail: SS round
Floor: PVC



LGE-CAB-0016

Passenger elevator cabin — tube lamp, soft lighting

Car top: Hairline SS frame + tube lamp, white transparent panel, soft lighting
Car wall: Hairline SS + mirror etching SS
Handrail: Hairline SS flat
Floor: PVC



LGE-CAB-0017

Passenger elevator cabin — mirror etched walls, round handrail

Car top: SS frame + white acrylic lighting panel
Car wall: Mirror, etching
Handrail: SS round
Floor: PVC



LGE-CAB-0018

Passenger elevator cabin — mirror etched walls, flat handrail

Car top: SS frame + white acrylic lighting panel
Car wall: Mirror, etching
Handrail: SS flat
Floor: PVC



LGE-CAB-0019

Passenger elevator cabin — stria harmonica etched walls

Car top: SS frame + white acrylic lighting, lights on side
Car wall: Mirror, etching, hairline, stria harmonica
Handrail: SS flat
Floor: PVC



LGE-CAB-0020

Passenger elevator cabin — stria harmonica etched walls

Car top: SS frame + white acrylic lighting panel
Car wall: Mirror, etching, hairline, stria harmonica
Handrail: SS flat
Floor: PVC



LGE-CAB-0021

Passenger elevator cabin — stria harmonica walls, centre lights

Car top: SS frame + white acrylic panel, lights in middle
Car wall: Mirror, etching, hairline, stria harmonica
Handrail: SS round
Floor: PVC



LGE-CAB-0022

Passenger elevator cabin — etched & hairline walls, side lights

Car top: SS frame + white acrylic panel, lights on side
Car wall: Mirror, etching, hairline
Handrail: SS round
Floor: PVC



LGE-CAB-0023

Passenger elevator cabin — concave golden etched walls

Car top: SS frame + white acrylic panel
Car wall: Mirror, etching, hairline, concave golden
Handrail: SS flat
Floor: PVC



LGE-CAB-0024

Passenger elevator cabin — etched & hairline walls, side lights

Car top: SS frame + white acrylic panel, lights on side
Car wall: Mirror, etching, hairline
Handrail: SS round
Floor: PVC



LGE-CAB-0025

Passenger elevator cabin — etched & hairline walls, round handrail

Car top: SS frame + white acrylic lighting panel
Car wall: Mirror, etching, hairline
Handrail: SS round
Floor: PVC



LGE-CAB-0026

Passenger elevator cabin — etched & hairline walls, round handrail

Car top: SS frame + white acrylic lighting panel
Car wall: Mirror, etching, hairline
Handrail: SS round
Floor: PVC



LGE-CAB-0027

Passenger elevator cabin — etched & hairline walls, round handrail

Car top: SS frame + white acrylic lighting panel
Car wall: Mirror, etching, hairline
Handrail: SS round
Floor: PVC



LGE-CAB-0028

Passenger elevator cabin — centre lights, flat handrail

Car top: SS frame + white acrylic panel, lights in middle
Car wall: Mirror, etching, hairline
Handrail: SS flat
Floor: PVC



LGE-CAB-0029

Passenger elevator cabin — double-pipe handrail

Car top: Hairline SS frame, both-sides acrylic lighting
Car wall: Hairline SS + mirror etching SS
Handrail: SS double-pipe armrest
Floor: PVC



LGE-CAB-0030

Passenger elevator cabin — arched panel, soft lighting

Car top: Hairline SS frame, arched white transparent panel, soft lighting
Car wall: Hairline SS + mirror etching SS
Handrail: Hairline SS flat
Floor: PVC



LGE-CAB-0031

Passenger elevator cabin — arch light-emitting panel

Car top: Mirror SS, arch white light-emitting panel, soft lighting
Car wall: Hairline SS + mirror etching SS
Handrail: SS flat
Floor: PVC



LGE-CAB-0032

Passenger elevator cabin — two-side acrylic lighting

Car top: Hairline SS frame, two-side acrylic lighting
Car wall: Hairline SS + mirror etching SS
Handrail: SS flat
Floor: PVC



LGE-CAB-0033

Passenger elevator cabin — centre organic panel, flat handrail

Car top: Mirror SS frame, centre white organic panel
Car wall: Mirror SS + mirror etching SS
Handrail: SS flat
Floor: PVC



LGE-CAB-0034

Passenger elevator cabin — both-sides acrylic lighting

Car top: Hairline SS frame, both-sides acrylic lighting
Car wall: Hairline SS + mirror etching SS
Handrail: SS flat
Floor: PVC



LGE-CAB-0035

Passenger elevator cabin — arch panel, round handrail

Car top: Mirror SS, arch white light-emitting panel, soft lighting
Car wall: Mirror SS + mirror etching SS
Handrail: SS round
Floor: PVC



LGE-CAB-0036

Passenger elevator cabin — umbrella-type crystal columns

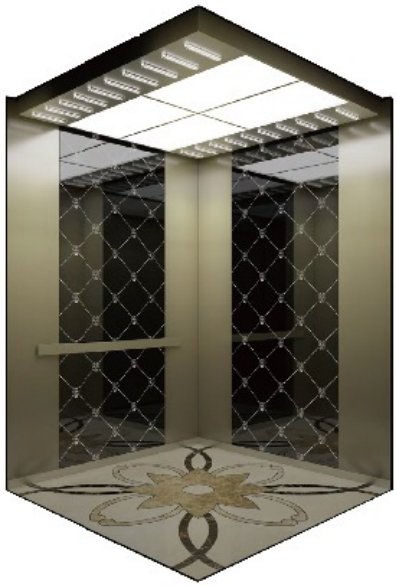
Car top: Painted steel plate frame, acrylic light-emitting, umbrella-type crystal columns
Car wall: Mirror SS + mirror etching SS
Handrail: SS round
Floor: PVC



LGE-CAB-0037

Passenger elevator cabin — black titanium accents, triple-pipe handrail

Car top: Hairline SS, LED lighting
Car wall: Mirror, etching, black titanium, hairline
Handrail: SS triple pipe
Floor: PVC



LGE-CAB-0038

Passenger elevator cabin — champagne gold

Car top: Champagne gold hairline SS, acrylic lighting + transparent plate
Car wall: Champagne gold, mirror, etching, black titanium, hairline
Handrail: Champagne gold SS flat
Floor: PVC



LGE-CAB-0039

Passenger elevator cabin — titanium gold & black titanium

Car top: Titanium mirror SS, acrylic + LED lighting
Car wall: Mirror, etching, black titanium, hairline, titanium gold
Handrail: SS round
Floor: PVC



LGE-CAB-0040

Passenger elevator cabin — titanium gold, wood handrail

Car top: Titanium mirror SS, acrylic + LED lighting
Car wall: Mirror, etching, hairline, titanium gold
Handrail: SS + solid wood
Floor: PVC



LGE-CAB-0041

Passenger elevator cabin — arched transparent print ceiling

Car top: Hairline SS frame + tube lamp, arched white transparent print
Car wall: Hairline SS + mirror etching SS
Handrail: SS flat
Floor: PVC



LGE-CAB-0042

Passenger elevator cabin — acrylic panel ceiling, hairline walls

Car top: SS frame + white acrylic lighting panel
Car wall: Hairline SS + mirror etching SS
Handrail: SS flat
Floor: PVC



LGE-CAB-0043

Passenger elevator cabin — white painting panel, light belt

Car top: Hairline SS, white painting panel, light belt
Car wall: Mirror etching SS + hairline etching SS
Handrail: Hairline SS flat
Floor: PVC



LGE-CAB-0044

Passenger elevator cabin — marble wall accent

Car top: Hairline SS, acrylic lighting design
Car wall: Mirror SS, marble
Handrail: None
Floor: PVC



LGE-CAB-0045

Passenger elevator cabin — arched print ceiling, round handrail

Car top: Hairline SS frame + tube lamp, arched white transparent print
Car wall: Hairline SS + mirror etching SS
Handrail: SS round
Floor: PVC



LGE-CAB-0046

Passenger elevator cabin — acrylic decoration panel ceiling

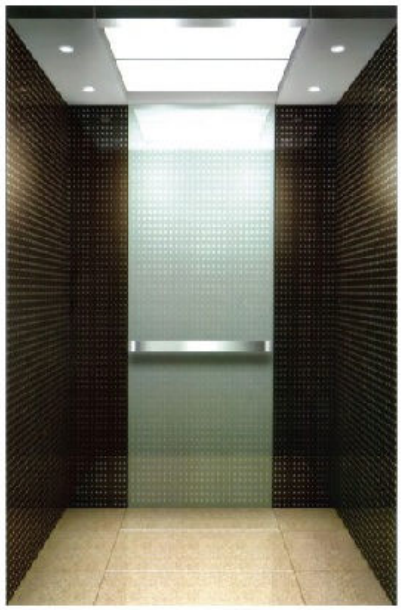
Car top: Hairline SS frame + tube lamp, acrylic decoration panel
Car wall: Hairline SS + mirror etching SS
Handrail: SS flat
Floor: PVC



LGE-CAB-0047

Passenger elevator cabin — art glass walls

Car top: Mirror SS, glass, LED lighting
Car wall: Mirror SS, art glass, SS decoration strip
Handrail: SS round
Floor: PVC



LGE-CAB-0048

Passenger elevator cabin — bronze etched steel, art glass

Car top: Hairline SS frame + tube lamp, white transparent panel, soft lighting
Car wall: Bronze etching SS, art glass
Handrail: Hairline SS flat
Floor: PVC



LGE-CAB-0049

Passenger elevator cabin — titanium gold, wood ceiling panel

Car top: Titanium gold mirror SS side frame, central wood + down lamp
Car wall: Titanium gold etched SS, mirror, etched
Handrail: Solid wood + titanium SS
Floor: PVC



LGE-CAB-0050

Passenger elevator cabin — crystal & titanium handrail

Car top: Mirror SS + acrylic light-emitting panel
Car wall: Mirror, etched, titanium gold, etched
Handrail: Single round tube of crystal + titanium
Floor: PVC



LGE-CAB-0051

Passenger elevator cabin — titanium gold mirror

Car top: Titanium gold mirror SS, acrylic light-emitting panel
Car wall: Titanium gold mirror SS + titanium gold mirror etching
Handrail: Titanium SS single-pipe armrest
Floor: PVC



LGE-CAB-0052

Passenger elevator cabin — titanium gold etched

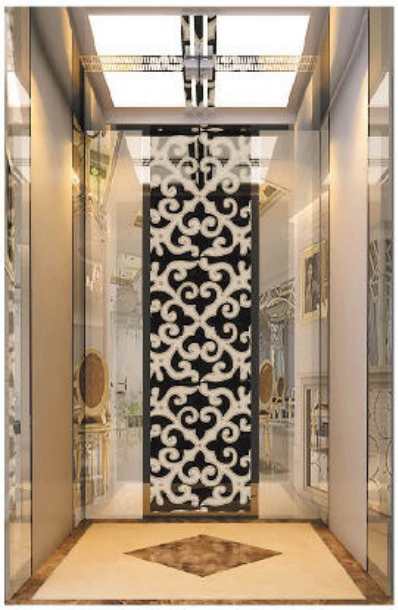
Car top: Titanium gold etching, acrylic lighting
Car wall: Titanium gold, mirror, etching
Handrail: Titanium SS flat
Floor: PVC



LGE-CAB-0053

Passenger elevator cabin — champagne gold, wood combination handrail

Car top: Champagne gold border, acrylic transparent board
Car wall: Champagne gold, mirror, etching
Handrail: Champagne gold + solid wood combination
Floor: PVC



LGE-CAB-0054

Passenger elevator cabin — etched pattern walls

Car top: Mirror SS, white organic panel
Car wall: SS mirror, hairline, etched pattern
Handrail: None
Floor: PVC



LGE-CAB-0055

Passenger elevator cabin — titanium gold mirror etched

Car top: Mirror SS frame, acrylic light decoration, LED
Car wall: Titanium gold mirror etching SS + titanium gold hairline SS
Handrail: Titanium gold mirror SS
Floor: PVC



LGE-CAB-0056

Passenger elevator cabin — titanium gold, LED decoration panel

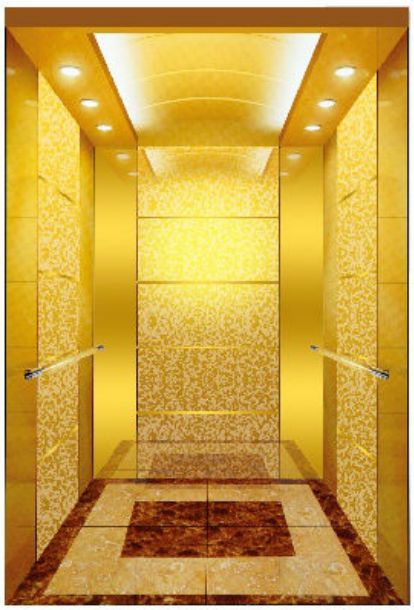
Car top: Titanium gold mirror SS + LED lighting decoration panel
Car wall: Titanium gold hairline SS + titanium gold mirror etching SS
Handrail: Titanium gold SS round
Floor: PVC



LGE-CAB-0057

Passenger elevator cabin — titanium gold hairline, tube lamp

Car top: Titanium gold hairline SS + tube lamp design
Car wall: Titanium gold mirror SS + titanium gold hairline SS
Handrail: None
Floor: PVC



LGE-CAB-0058

Passenger elevator cabin — titanium gold, art glass

Car top: Titanium gold hairline SS + tube lamp, arched acrylic lighting
Car wall: Titanium gold hairline SS, art glass, titanium gold SS decoration strip
Handrail: Titanium gold steel round
Floor: PVC



LGE-CAB-0059

Passenger elevator cabin — titanium gold mirror, triple handrail

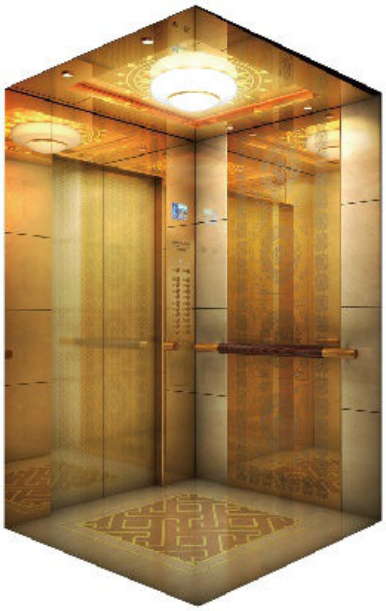
Car top: Titanium gold mirror SS, tube lamp
Car wall: Titanium gold mirror SS + titanium gold mirror etching SS
Handrail: Triple titanium gold SS round
Floor: PVC



LGE-CAB-0060

Passenger elevator cabin — rose gold etched, wood handrail

Car top: Hairline SS frame + tube lamp, white transparent panel, soft lighting
Car wall: Hairline SS, rose gold mirror etching SS
Handrail: Wood + rose gold SS round
Floor: PVC



LGE-CAB-0061

Passenger elevator cabin — titanium gold etched, wood handrail

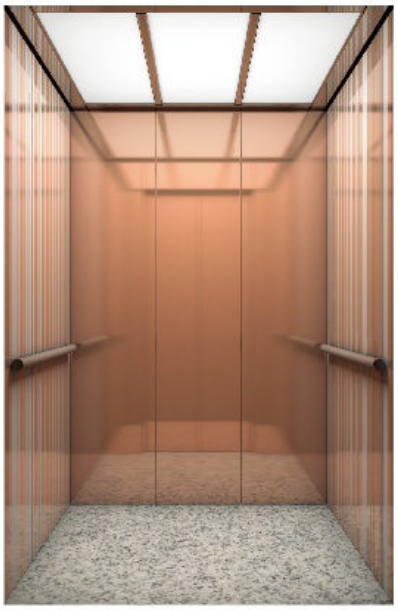
Car top: Titanium gold hairline SS + tube lamp design, art light
Car wall: Titanium gold mirror etching SS
Handrail: Wood + titanium gold SS round
Floor: PVC



LGE-CAB-0062

Passenger elevator cabin — rose gold, gold foil, wood veneer

Car top: Rose gold hairline SS, LED lighting panel, gold foil
Car wall: Wood veneer, mirror light
Handrail: Wood
Floor: PVC



LGE-CAB-0063

Passenger elevator cabin — rose gold mirror

Car top: Rose gold mirror SS, soft lighting
Car wall: Rose gold hairline SS + rose gold mirror SS
Handrail: Rose gold mirror SS round
Floor: PVC



LGE-CAB-0064

Passenger elevator cabin — rose gold etched

Car top: Rose gold mirror SS + tube lamp, white transparent panel, soft lighting
Car wall: Rose gold mirror etching SS + hairline SS
Handrail: Rose gold SS round
Floor: PVC



LGE-CAB-0065

Passenger elevator cabin — titanium gold, wood handrail

Car top: Titanium gold mirror SS frame, acrylic transparent light
Car wall: Titanium gold hairline SS + titanium gold mirror etching SS
Handrail: Wood + titanium gold SS round
Floor: PVC



LGE-CAB-0066

Passenger elevator cabin — titanium gold mirror, triple handrail

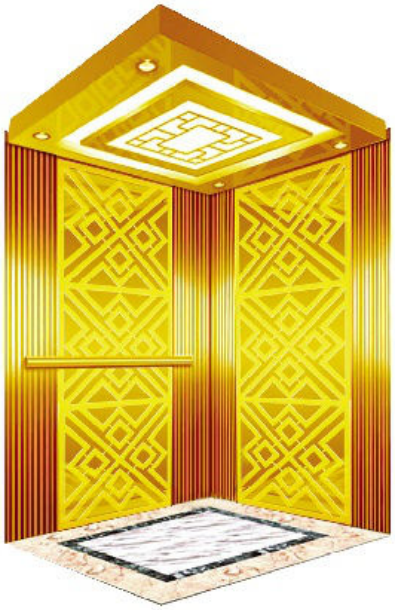
Car top: Titanium gold mirror SS, acrylic lighting
Car wall: Titanium gold mirror SS + titanium mirror etching SS
Handrail: Triple titanium gold SS round
Floor: PVC



LGE-CAB-0067

Passenger elevator cabin — titanium gold, wood veneer

Car top: Titanium gold mirror SS frame + acrylic panel
Car wall: Titanium gold mirror SS + titanium mirror etching SS, wood veneer
Handrail: Triple titanium gold SS round
Floor: PVC



LGE-CAB-0068

Passenger elevator cabin — titanium gold mirror etched

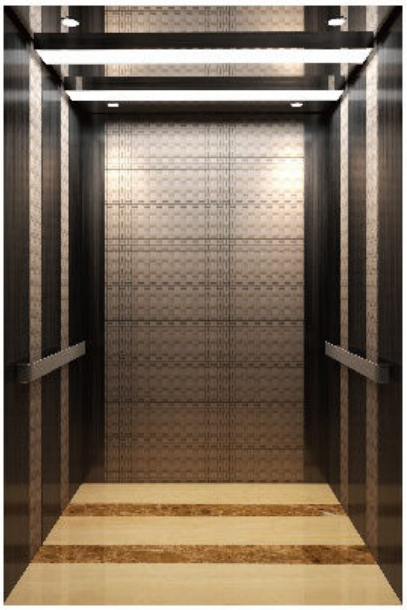
Car top: Titanium gold mirror SS frame + acrylic panel
Car wall: Titanium gold mirror SS + titanium mirror etching SS
Handrail: Titanium gold SS round
Floor: PVC



LGE-CAB-0069

Passenger elevator cabin — organic paint-jet panel ceiling

Car top: Mirror SS frame, organic paint-jet panel
Car wall: Mirror SS + mirror etching SS
Handrail: None
Floor: PVC



LGE-CAB-0070

Passenger elevator cabin — black titanium, metal mosaic

Car top: Black titanium mirror SS, acrylic light, downlight
Car wall: Black titanium mirror SS, metal mosaic
Handrail: SS arc-head flat armrest
Floor: PVC



LGE-CAB-0071

Passenger elevator cabin — black titanium gold panels

Car top: Black SS side frame, centre 8K panel combined block, white down lamp, two-side white light-emitting panels
Car wall: Black titanium gold mirror panel + black hairline panel
Handrail: Black SS
Floor: PVC



LGE-CAB-0072

Passenger elevator cabin — wood facing, crystal pendant lamp, art glass

Car top: Wood facing frame, gold foil top, crystal pendant lamp
Car wall: Rear-wall centre art glass mirror, titanium SS frame, wood finish; side wall black mirror, titanium SS press bar, wood finish, waist-belt leather hard package, marble edge
Handrail: Titanium flat
Floor: PVC



LGE-CAB-0073

Passenger elevator cabin — black titanium, blue acrylic lighting

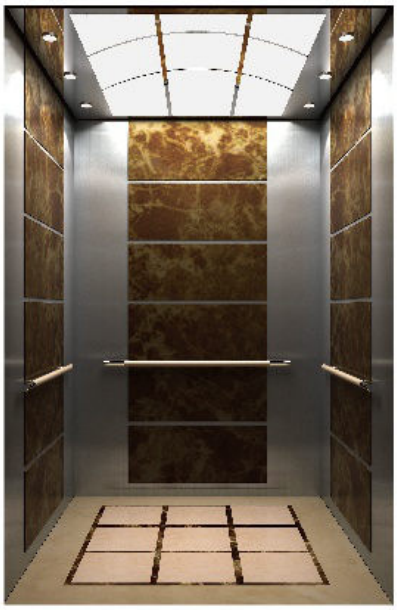
Car top: Black titanium mirror SS + tube lamp, blue acrylic soft lighting
Car wall: Hairline SS + black titanium mirror SS
Handrail: Hairline SS
Floor: PVC



LGE-CAB-0074

Passenger elevator cabin — black titanium etched

Car top: Black titanium SS frame, acrylic soft lighting
Car wall: Black titanium hairline SS + black titanium mirror etching SS
Handrail: None
Floor: PVC



LGE-CAB-0075

Passenger elevator cabin — bronze mirror etched, wood handrail

Car top: Bronze mirror SS, acrylic light transmission
Car wall: Mirror SS + bronze mirror etched SS
Handrail: SS + solid wood combination
Floor: PVC



LGE-CAB-0076

Passenger elevator cabin — champagne gold

Car top: Champagne gold border, acrylic transparent board
Car wall: Champagne gold, mirror, etching
Handrail: Champagne gold + solid wood combination
Floor: PVC



LGE-CAB-0077

Passenger elevator cabin — black titanium, hairline etched

Car top: Mirror SS frame, acrylic soft lighting
Car wall: Black titanium SS + hairline etching SS
Handrail: Hairline SS round
Floor: PVC



LGE-CAB-0078

Passenger elevator cabin — black titanium, wood veneer

Car top: Black titanium mirror SS, acrylic lighting
Car wall: Wood veneer, black titanium mirror SS, SS decoration strip
Handrail: Hairline SS round
Floor: PVC



LGE-CAB-0079

Passenger elevator cabin — painted steel, wood veneer

Car top: Painted steel frame, acrylic soft lighting
Car wall: Mirror SS, wood veneer
Handrail: Wood + SS round
Floor: PVC



LGE-CAB-0080

Passenger elevator cabin — wood veneer & marble walls

Car top: SS, tube lamp, white wood veneer, art light
Car wall: Wood veneer, marble
Handrail: Wood + SS round
Floor: PVC



LGE-CAB-0081

Passenger elevator cabin — wooden slats, log handrails

Car top: Mirror SS, acrylic transparent light
Car wall: Wooden finishes slotted with mirror SS
Handrail: Log handrails, both ends titanium + SS
Floor: PVC



LGE-CAB-0082

Passenger elevator cabin — silver mirror, wood finish, log handrails

Car top: Titanium mirror SS, acrylic light transmission
Car wall: Silver mirror, wood finish, mirror SS bar
Handrail: Log handrails, both ends titanium + SS
Floor: PVC



LGE-CAB-0083

Passenger elevator cabin — marble veneer walls

Car top: Mirror SS border, acrylic transparent board
Car wall: Mirror SS, marble veneer
Handrail: SS + log combined
Floor: PVC



LGE-CAB-0084

Passenger elevator cabin — wood veneer walls, flat handrail

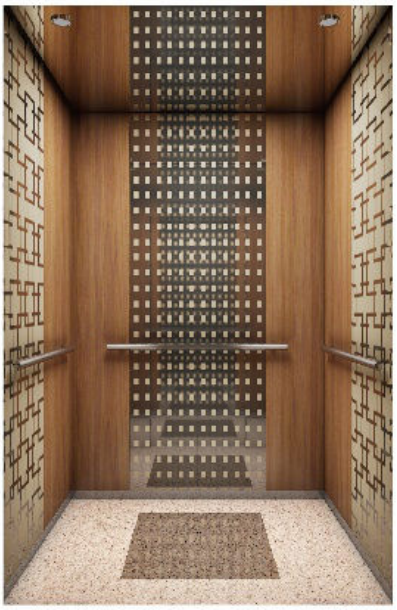
Car top: Hairline SS border, acrylic transparent light
Car wall: Mirror SS, wood veneer
Handrail: SS flat
Floor: PVC



LGE-CAB-0085

Passenger elevator cabin — wood finish, log handrails

Car top: Hairline SS, acrylic light, downlight
Car wall: Wooden finish with SS trim, mirror SS
Handrail: Log handrails, SS mirrors at both ends
Floor: PVC



LGE-CAB-0086

Passenger elevator cabin — mirror etched, wood finish

Car top: SS, acrylic light, downlight
Car wall: Mirror etching, SS, wood finish
Handrail: SS single tube
Floor: PVC



LGE-CAB-0087

Passenger elevator cabin — marble veneer walls, titanium accents

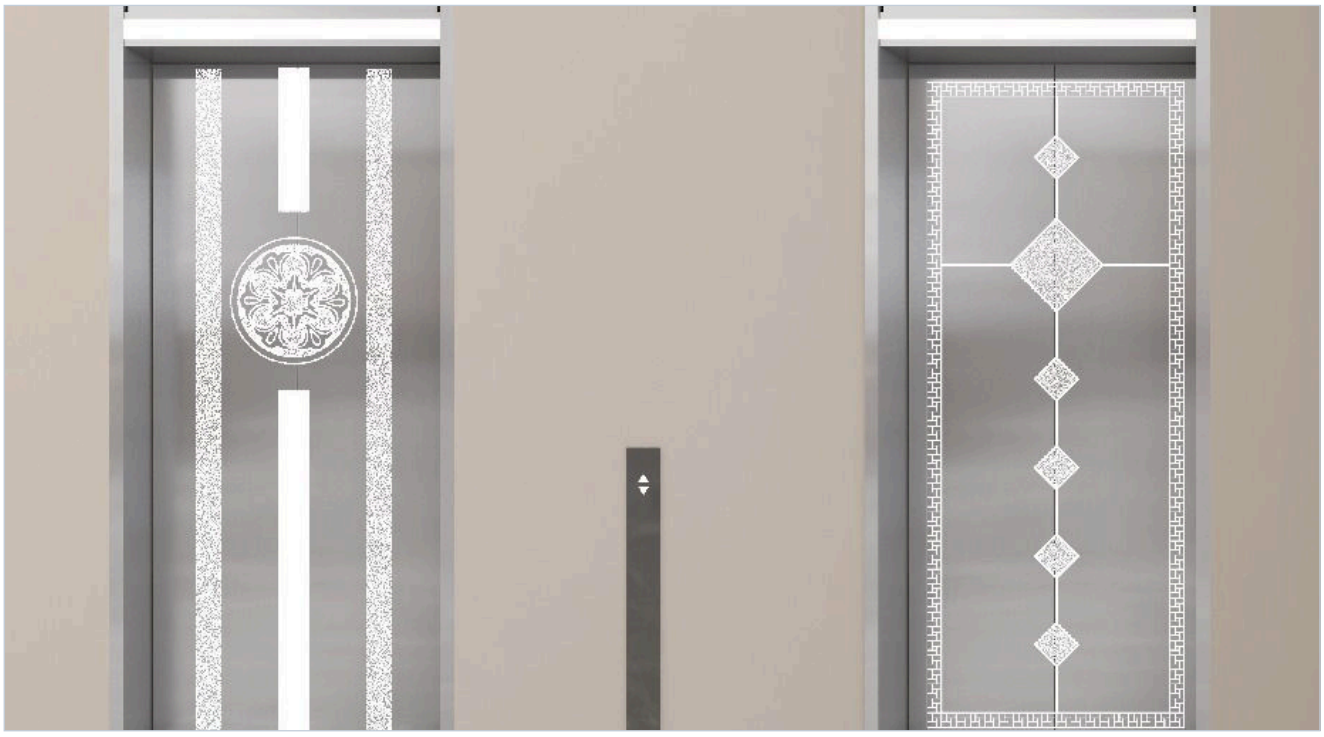
Car top: Mirror SS border, acrylic transparent board, LED down light
Car wall: Mirror SS, marble veneer
Handrail: Mirror SS tube + titanium gold
Floor: PVC



LGE-CAB-0088

Passenger elevator cabin — rose gold top plate, wood mosaic

Car top: Hairline rose gold top plate, LED down lamp, soft light illumination
Car wall: Mirror SS, wood veneer mosaic
Handrail: SS round
Floor: PVC



Landing Door Series



LGE-DRS-0001
Mirror, hairline



LGE-DRS-0002
Mirror, hairline



LGE-DRS-0003
Mirror, hairline



LGE-DRS-0004
Mirror, hairline



LGE-DRS-0005
Mirror, etching



LGE-DRS-0006
Mirror, etching



LGE-DRS-0007
Mirror, etching



LGE-DRS-0008
Mirror, etching



LGE-DRS-0009
Mirror, etching



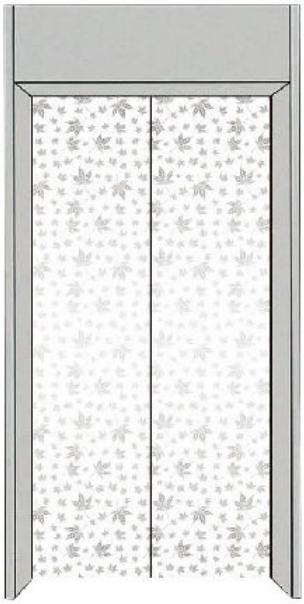
LGE-DRS-0010
Mirror, hairline, etching



LGE-DRS-0011
Mirror, etching



LGE-DRS-0012
Mirror, etching



LGE-DRS-0013
Mirror, etching



LGE-DRS-0014
Mirror, etching



LGE-DRS-0015
Mirror, etching, irregular grain



LGE-DRS-0016
Hairline, etching, titanium



LGE-DRS-0017
Mirror, etched, hairline, irregular grain, titanium gold



LGE-DRS-0018
Etched, hairline, titanium gold



LGE-DRS-0019
Mirror, etching



LGE-DRS-0020
Mirror, etching, hairline



LGE-DRS-0021
Mirror, etching



LGE-DRS-0022
Mirror, etching, hairline



LGE-DRS-0023
Mirror, etching, hairline



LGE-DRS-0024
Mirror, etching, hairline



LGE-DRS-0025
Mirror, etching, hairline



LGE-DRS-0026
Mirror, etching, hairline



LGE-DRS-0027
Mirror, etching



LGE-DRS-0028
Mirror, etching, hairline



LGE-DRS-0029
Etching, hairline



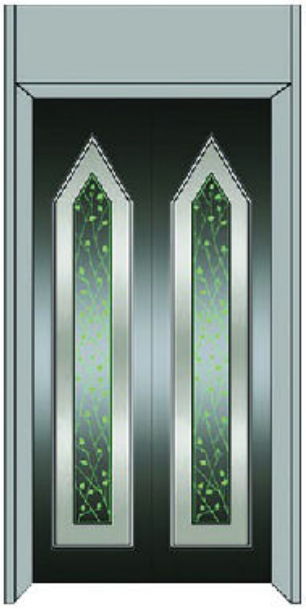
LGE-DRS-0030
Mirror, etching, hairline



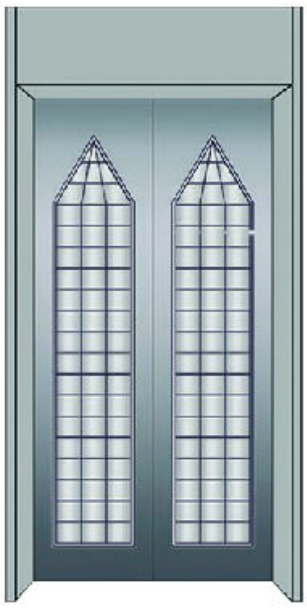
LGE-DRS-0031
Mirror, etching, hairline



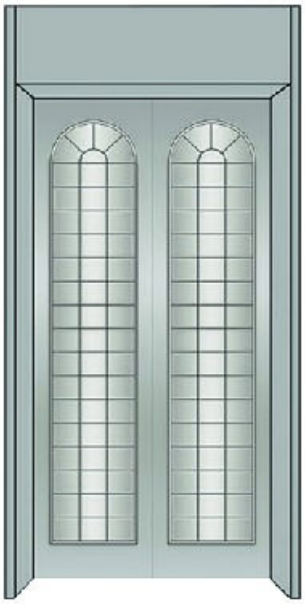
LGE-DRS-0032
Mirror, etching



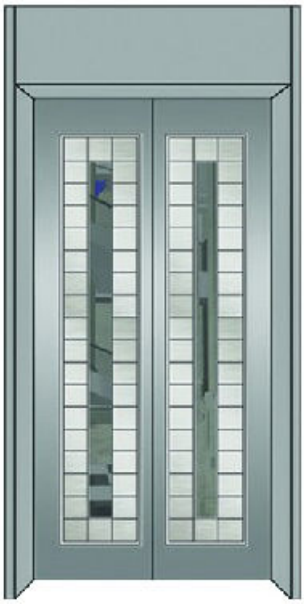
LGE-DRS-0033
Hairline, etching



LGE-DRS-0034
Hairline, etching



LGE-DRS-0035
Mirror, etching



LGE-DRS-0036
Mirror, hairline, etching



LGE-DRS-0037
Mirror, hairline, etching



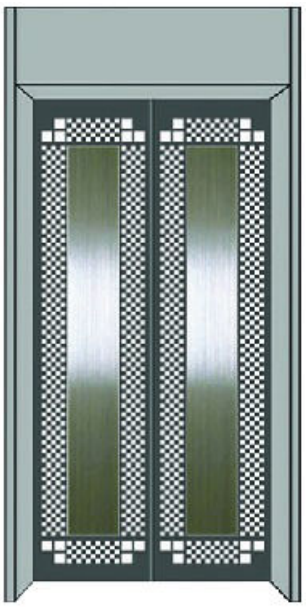
LGE-DRS-0038
Mirror, etched



LGE-DRS-0039
Hairline, etching



LGE-DRS-0040
Hairline, etching



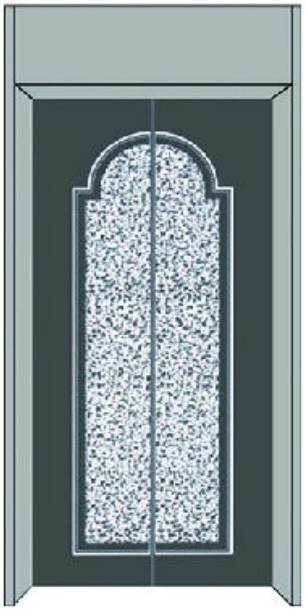
LGE-DRS-0041
Hairline, etching



LGE-DRS-0042
Mirror, etched, irregular grain



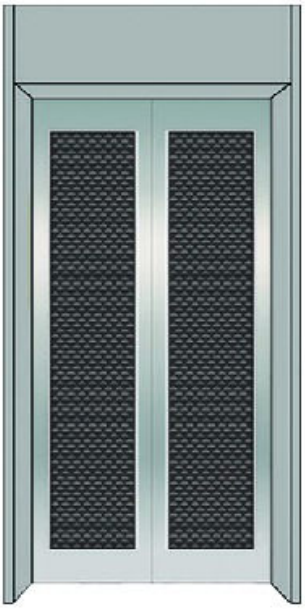
LGE-DRS-0043
Mirror, etched, irregular grain



LGE-DRS-0044
Mirror, etched



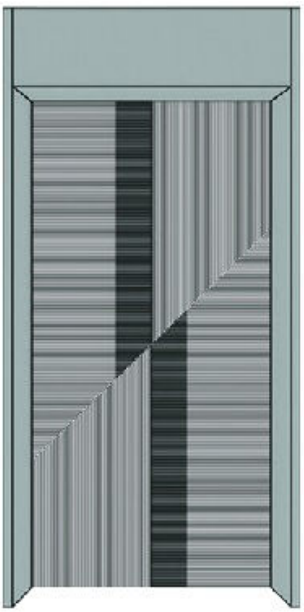
LGE-DRS-0045
Hairline, etching



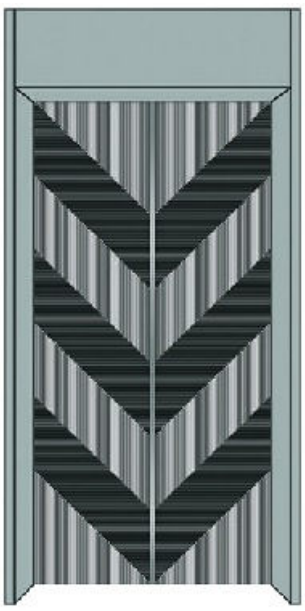
LGE-DRS-0046
Hairline, etching



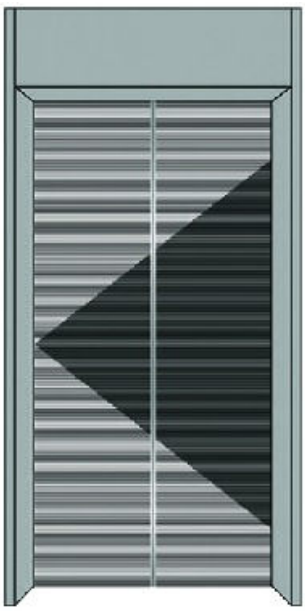
LGE-DRS-0047
Mirror, etched



LGE-DRS-0048
Hairline, etching



LGE-DRS-0049
Hairline, etching



LGE-DRS-0050
Hairline, etching



LGE-DRS-0051
Titanium gold, mirror, etched



LGE-DRS-0052
Titanium gold, mirror, etched



LGE-DRS-0053
Titanium, mirror, etched, hairline, irregular grain



LGE-DRS-0054
Titanium gold, mirror, etched



LGE-DRS-0055
Titanium gold, mirror, etched



LGE-DRS-0056
Titanium gold, mirror, etched



LGE-DRS-0057
Titanium gold, mirror, etched



LGE-DRS-0058
Titanium gold, mirror, etched



LGE-DRS-0059
Titanium gold, mirror, etched



LGE-DRS-0060
Titanium gold, mirror, etched



LGE-DRS-0061
Titanium gold, mirror, etched



LGE-DRS-0062
Titanium gold, mirror, etched



LGE-DRS-0063
Titanium gold, mirror, etched



LGE-DRS-0064
Titanium gold, mirror, etched



LGE-DRS-0065
Titanium gold, mirror, etched



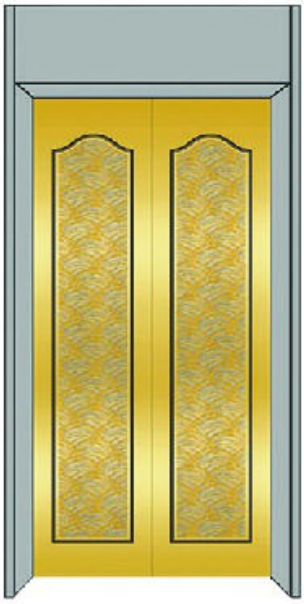
LGE-DRS-0066
Titanium gold, mirror, etched



LGE-DRS-0067
Titanium gold, mirror, etched



LGE-DRS-0068
Titanium gold, mirror, etched



LGE-DRS-0069
Titanium gold, etching



LGE-DRS-0070
Titanium gold, etching



LGE-DRS-0071
Titanium gold, etching



LGE-DRS-0072
Titanium gold, etching



LGE-DRS-0073
Titanium, mirror, etching, irregular grain



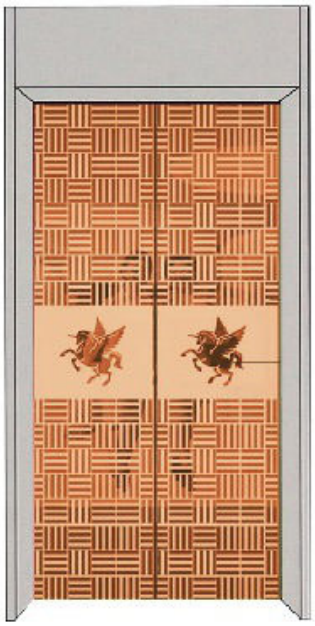
LGE-DRS-0074
Titanium, mirror, etching, irregular grain

Landing Door Series

Rose gold, etching



LGE-DRS-0075
Rose gold, etching



LGE-DRS-0076
Rose gold, etching



LGE-DRS-0077
Rose gold, etching



LGE-DRS-0078
Rose gold, etching



LGE-DRS-0079
Rose gold, etching



LGE-DRS-0080
Rose gold, etching

All six designs on this page: Rose gold, etching. Landing Door Series: LGE-DRS-0001–0080 (pp. 28–38).



LGE-COP-0001
In-cabin installation (shown in situ)

LGE-LOP-0001
Landing panel (shown in situ)



LGE-COP-0002
Titanium gold, multimedia screen



LGE-LOP-0002
Paired with LGE-COP-0002



LGE-LOP-0003
Variant of LGE-LOP-0002



LGE-COP-0003
Hairline stainless steel, dot display



LGE-LOP-0004
Slim black touch · Paired with LGE-COP-0003



LGE-COP-0004
Design variant



LGE-LOP-0005
Paired with LGE-COP-0004



LGE-LOP-0006
Variant of LGE-LOP-0005



LGE-COP-0005
Design variant



LGE-LOP-0007
Paired with LGE-COP-0005



LGE-LOP-0008
Variant of LGE-LOP-0007



LGE-COP-0006
Design variant



LGE-LOP-0009
Paired with LGE-COP-0006



LGE-COP-0007
Design variant



LGE-LOP-0010
Paired with LGE-COP-0007



LGE-COP-0008
Design variant



LGE-LOP-0011
Paired with LGE-COP-0008



LGE-COP-0009
Black glass



LGE-LOP-0012
Paired with LGE-COP-0009



LGE-COP-0010
Design variant



LGE-LOP-0013
Paired with LGE-COP-0010



LGE-COP-0011
Black touch panel



LGE-LOP-0014
Paired with LGE-COP-0011



LGE-COP-0013
Horizontal touch panel



LGE-COP-0012
White/gold touch panel



LGE-LOP-0015
Paired with LGE-COP-0012



LGE-COP-0014
Horizontal touch panel, bronze



LGE-LOP-0016
Standalone design



LGE-LOP-0017
Standalone design



LGE-LOP-0018
Standalone design



LGE-LOP-0019
Standalone design



LGE-LOP-0020
Standalone design



LGE-LOP-0021
Panel: black acrylic + hairline stainless steel



LGE-LOP-0022
Bronze hairline stainless steel



LGE-LOP-0023
Hall lantern / arrival indicator — with panel series



LGE-LOP-0024
Hall lantern / arrival indicator — with panel series



LGE-LOP-0025
Hall lantern / arrival indicator — with panel series



LGE-LOP-0026
Hall lantern / arrival indicator — with panel series



LGE-LOP-0027
Hall lantern / arrival indicator — with panel series



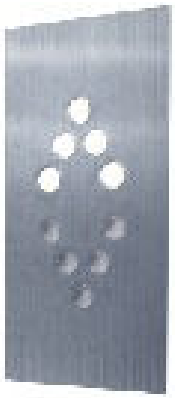
LGE-LOP-0028
Hall lantern / arrival indicator — with panel series



LGE-LOP-0029
Hall lantern / arrival indicator — with panel series



LGE-LOP-0030
Hall lantern / arrival indicator — with panel series



LGE-LOP-0031
Hall lantern / arrival indicator — with panel series

HALL LANTERNS / ARRIVAL INDICATORS



LGE-LOP-0032
Hall lantern / arrival indicator — with panel series



LGE-LOP-0033
Hall lantern / arrival indicator — without panel series



LGE-LOP-0034
Hall lantern / arrival indicator — without panel series



LGE-LOP-0035
Hall lantern / arrival indicator — without panel series



LGE-LOP-0036
Hall lantern / arrival indicator — without panel series

Display modules — comparison

LCD/TFT display boards shown with the COP/LOP ranges in Rev 1. Screen sizes as printed in Rev 1.



4.6 inch
LGE-DSP-0001
LCD/TFT display board



7 inch
LGE-DSP-0002
LCD/TFT display board



10.4 inch
LGE-DSP-0003
LCD/TFT display board

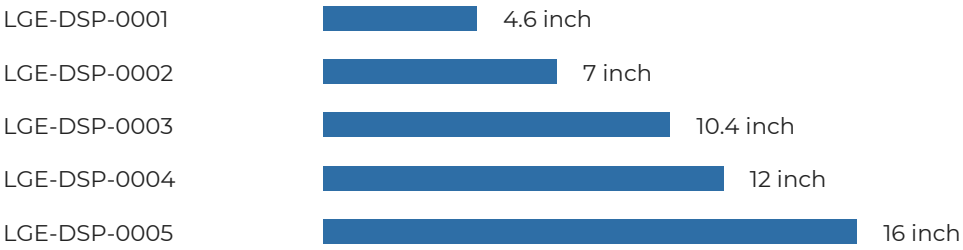


12 inch
LGE-DSP-0004
LCD/TFT display board



16 inch
LGE-DSP-0005
LCD/TFT display board

Relative screen size — diagonal as printed (bars to scale)

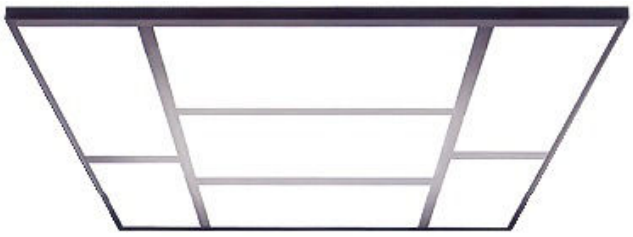


Comparison

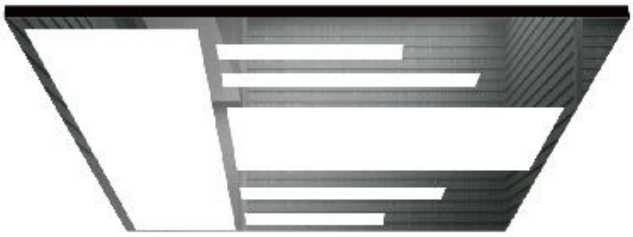
Code	Screen size	Display type
LGE-DSP-0001	4.6 inch	LCD/TFT display board
LGE-DSP-0002	7 inch	LCD/TFT display board
LGE-DSP-0003	10.4 inch	LCD/TFT display board
LGE-DSP-0004	12 inch	LCD/TFT display board
LGE-DSP-0005	16 inch	LCD/TFT display board



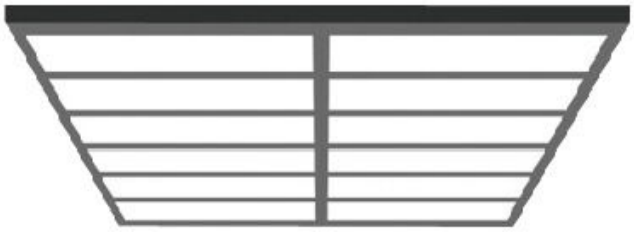
Ceiling Series



LGE-CEI-0001
Mirror stainless steel, acrylic



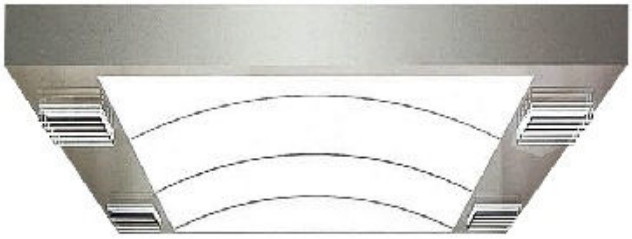
LGE-CEI-0002
Mirror stainless steel, acrylic



LGE-CEI-0003
Stainless steel side frame, soft lighting design of arch white light-emitting panel



LGE-CEI-0004
Stainless steel, acrylic, LED downlight



LGE-CEI-0005

White arch light-emitting panel, stainless steel mirror frame, strip light decoration



LGE-CEI-0006

The cylindrical hollow transparent lamp, soft lighting design with arched white transparent plate



LGE-CEI-0007

Stainless steel side frame, soft lighting design of arch white light-emitting panel



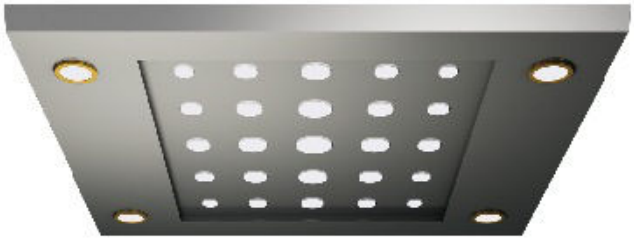
LGE-CEI-0008

Hairline stainless steel frame, white transparent board, downlight



LGE-CEI-0009

Mirror stainless steel, acrylic



LGE-CEI-0010

Soft lighting design of multilayer reflector with golden downlight



LGE-CEI-0011

Titanium mirror etching stainless steel, acrylic light transmission plate, LED lamp



LGE-CEI-0012

Wooden frame, gold foil on top, led downlight, return light band



LGE-CEI-0013

Titanium mirror, stainless steel hollow modeling, white light-emitting board, downlight



LGE-CEI-0014

Titanium mirror frame, hollow pattern, led downlight



LGE-CEI-0015

Mirror stainless steel, acrylic, led downlight



LGE-CEI-0016

Hairline stainless steel frame, transparent plate, led downlight



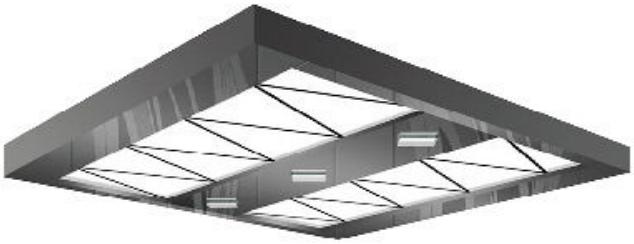
LGE-CEI-0017

Soft lighting design of middle column and the golden white acrylic lamp



LGE-CEI-0018

Soft lighting design of wide image dome



LGE-CEI-0019

Mirror stainless steel, acrylic



LGE-CEI-0020

The middle image roof, both sides for soft illumination design of stainless steel floor with downlight

Ceiling Series



LGE-CEI-0021

The middle image roof, both sides for soft illumination design of stainless steel floor with downlight



LGE-CEI-0022

Hanging lamp board and soft lighting design with square image subject downlight

Ceiling Series: LGE-CEI-0001–0038 (pp. 50–55).



LGE-CEI-0023

In the spraying steel plate floor with golden bridge wall shine tube lamp and the middle part is soft lighting design of the arch white organic transparent plate



LGE-CEI-0024

Diamond hollow transparent light pole, soft lighting design of arcy white light-emitting panel



LGE-CEI-0025

Cylindrical hollow transparent light pole, soft lighting design of arcy white light-emitting panel



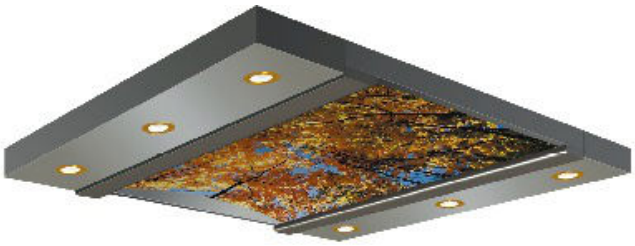
LGE-CEI-0026

Soft lighting design and image roof on both sides of rhombic hollow transparent lamp post



LGE-CEI-0027

Steel plate plastic-jet frame, acrylic lighting decoration



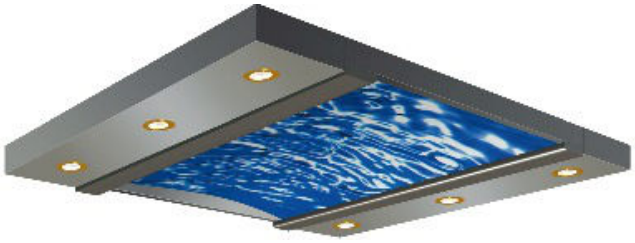
LGE-CEI-0028

The middle image roof, both sides for soft illumination design of stainless steel floor with downlight (image can provide)



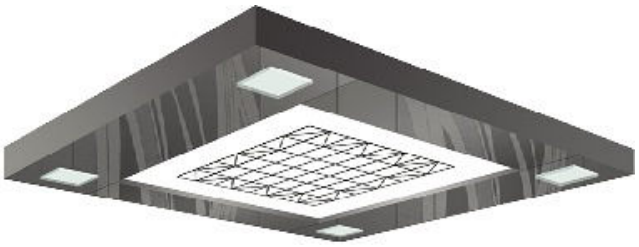
LGE-CEI-0029

The middle image is flat on both sides, for soft illumination design of stainless steel floor with downlight



LGE-CEI-0030

The middle image roof, both sides for soft illumination design of stainless steel floor with downlight (image can provide)



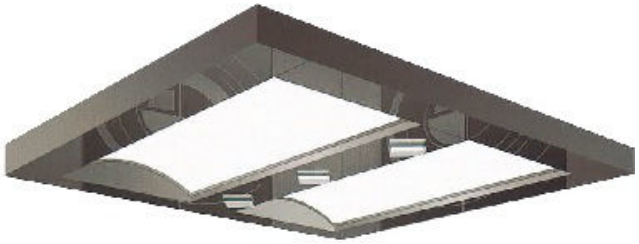
LGE-CEI-0031

The middle image is flat, soft lighting design of stainless steel floor with hollow diamond transparent lamp



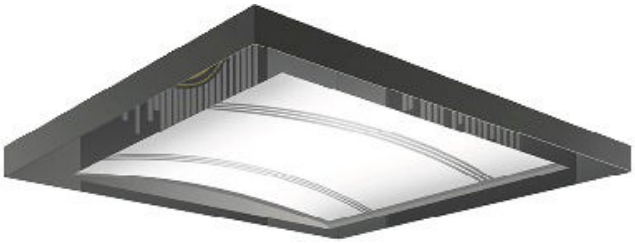
LGE-CEI-0032

The middle image roof, both sides for soft illumination design of stainless steel floor with downlight (image can provide)



LGE-CEI-0033

Double-arch white organic light-shade panel, central soft lighting design of diamond transparent light pole



LGE-CEI-0034

Soft lighting design of broad arch white light-emitting panel



LGE-CEI-0035

Stainless steel frame, central arch acrylic lighting decoration



LGE-CEI-0036

Painted steel plate frame, white acrylic light-emitting



LGE-CEI-0037

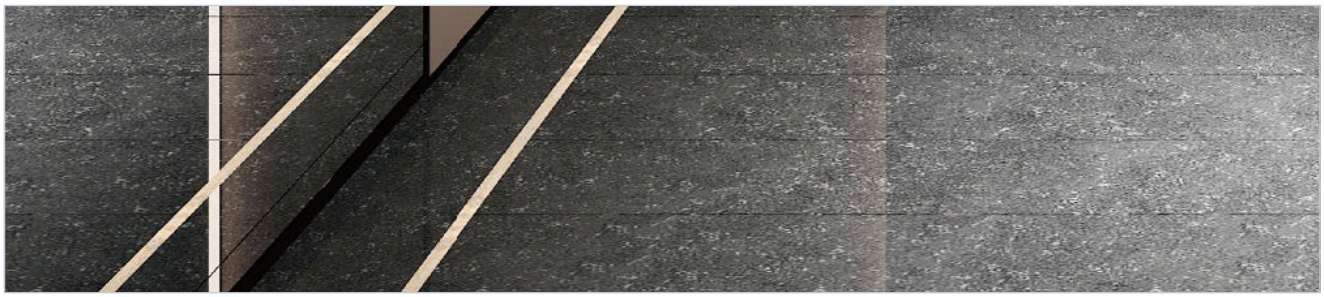
Double-arch white organic light-emitting panel, central soft lighting design of down lamp

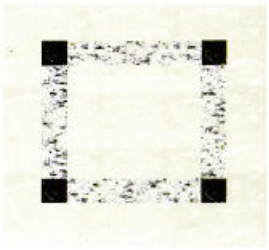


LGE-CEI-0038

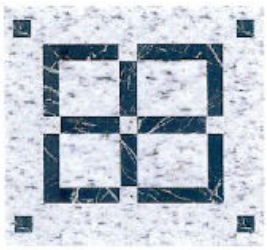
Painted steel plate light-box, down lamp lighting

Floor Series

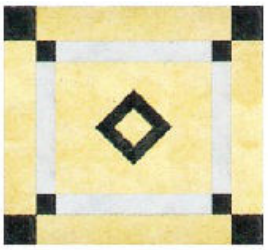




LGE-FLR-0001



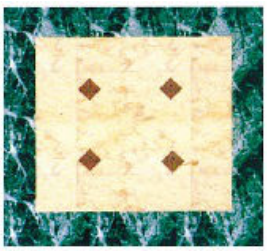
LGE-FLR-0002



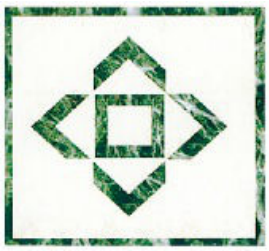
LGE-FLR-0003



LGE-FLR-0004



LGE-FLR-0005



LGE-FLR-0006



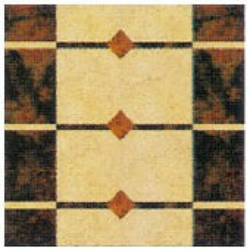
LGE-FLR-0007



LGE-FLR-0008



LGE-FLR-0009



LGE-FLR-0010



LGE-FLR-0011



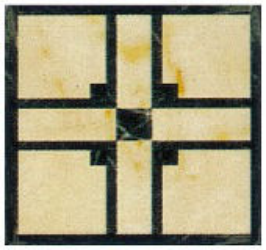
LGE-FLR-0012



LGE-FLR-0013



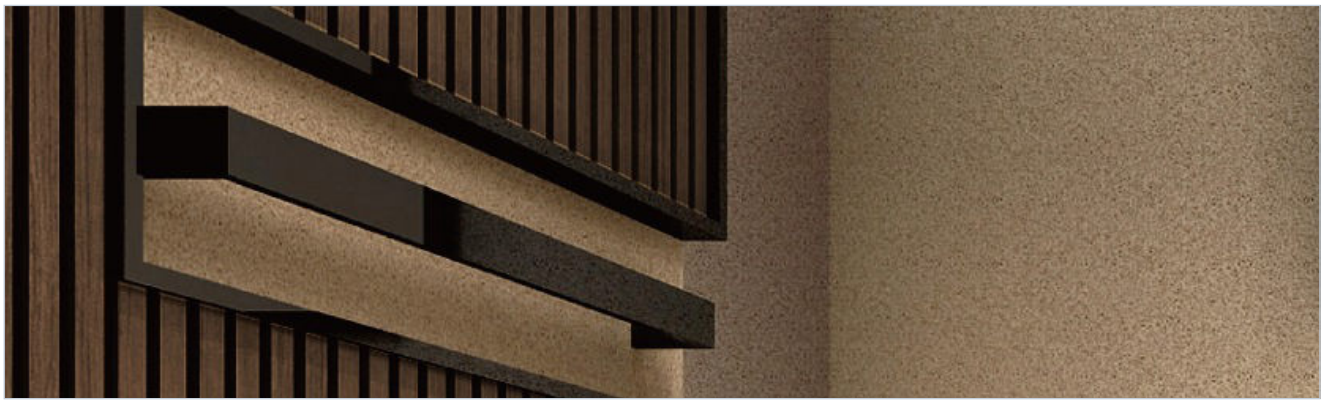
LGE-FLR-0014



LGE-FLR-0015



LGE-FLR-0016



Handrail Series



LGE-HND-0001 Stainless steel tube matte hairline



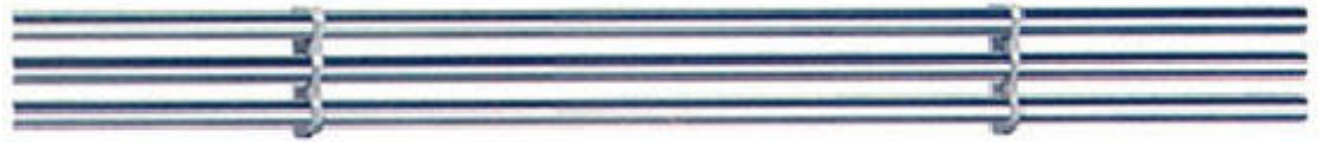
LGE-HND-0002 Titanium gold matte hairline mono-tube



LGE-HND-0003 Double combination of mirror and stainless steel tube



LGE-HND-0004 Double combination of titanium gold and stainless steel tube



LGE-HND-0005 Triple combination of stainless steel tube mirror



LGE-HND-0006 Triple combination of titanium gold stainless steel tube



LGE-HND-0007 Combination of titanium gold and stainless steel tube mirror



LGE-HND-0008 Combination of log and titanium gold



LGE-HND-0009 Log



LGE-HND-0010 Organic column handrail



LGE-HND-0011 6mm stainless steel short grain, arc head



LGE-HND-0012 6mm stainless steel titanium gold short grain, arc head



LGE-HND-0013 6mm stainless steel titanium gold short grain, etched, arc head



LGE-HND-0014 Stainless steel short grain, square head



LGE-HND-0015 Stainless steel titanium gold hairline, square head



LGE-HND-0016 Hairline panel square handrail



LGE-HND-0017 Annatto twist



LGE-HND-0018 Marble handrail



LGE-HND-0019 Oval wooden and titanium gold combined handrail

Elevator function

Standard function

FUNCTION	DESCRIPTION
T TRAVEL FUNCTION	
VVVF drive	Motor rotating speed precisely adjusted; smooth speed curve in start, travel and stop; sound comfort.
VVVF door operator	Precise speed adjustment; gentle, sensitive door machine start/stop.
Independent running	Elevator does not respond to outer calling, only to commands inside the cabin through the action switch.
Automatic pass without stop	When cabin is crowded or load close to preset value, cabin automatically passes the calling landing to keep maximum travel efficiency.
Automatically adjust door opening time	Door-open time auto-adjusted according to difference between landing calling and cabin calling.
Reopen with hall call	During door shutting, press reopen with hall call button to restart the door.
Express door closing	When elevator stops and opens the door, press door-shut button and the door closes immediately.
Cabin stop and door open	Door only opens after the elevator comes to a complete stop.
Cabin arrival gong	Arrival gong in the cabin top announces arrival.
Command register cancel	Press the wrong floor button twice continuously to cancel the registered command.
S SAFETY FUNCTION	
Photocell protection	Infrared light covering the whole door height probes the door protection device of passengers and objects.
Designated stop	If the lift cannot open the door at the destination floor for some reason, it closes the door and travels to the next designated floor.
Overload holding stop	When cabin is overloaded, buzzer rings and the elevator stops at the floor.
Anti-stall timer protection	Elevator stops operation due to slippery traction wire rope.
Start protection control	If the elevator does not leave the door zone within the designated time after starting, it stops operation.
Inspection operation	Cabin travels at inching running.
Fault self-diagnosis	Controller can record 62 latest troubles.
Repeated door closing	If the door cannot close due to obstacle or interference, the door reopens or re-shuts until obstructions are eliminated.
Up/down over-run and final limit protection	Prevents surging to the top or knocking the bottom when out of control.

Elevator function

Standard function

FUNCTION	DESCRIPTION
STANDARD FUNCTION (CONTINUED)	
Up over-speed protection device	At 1.2 times higher than rated speed, the device automatically decelerates or brakes the elevator.
Down over-speed protection device	At 1.2 times higher than rated speed, automatically cuts off control mains and stops the motor; at 1.4 times rated speed, safety gears act to force the elevator stop.
M MAN-MACHINE INTERFACE	
Micro-touch button for cabin call and hall call	Novel micro-touch button is used for operation panel command button in the cabin and landing calling button.
Floor and direction indicator inside cabin	The cabin shows the elevator floor location and current travel direction.
Floor and direction indicator	The landing shows the elevator floor location and current travel direction.
E EMERGENCY FUNCTION	
Emergency cabin lighting	Automatically activated on power failure.
Inching running	In emergency electric operation the cabin travels at low-speed inching running.
Five-way intercom	Communication amid cabin, cabin top, elevator machine room, well pit and rescue duty room through walkie-talkie.
En ENERGY-SAVING FUNCTION	
Bell	In emergency conditions, if the bell button above the cabin operation panel is continuously pressed, the electric bell rings on top of the cabin.
Fire emergency return	Starting the key switch in main landing or monitor screen cancels all calling; elevator drives directly to the designated rescue landing and automatically opens the door.
Cabin ventilation, light automatic shut-off	With no calling or command signal within the stipulated time, cabin fan and lighting automatically close to save energy.
Remote shut-off	Elevator can be called to main landing (after finishing service) through the key switch and automatically exits service.

Elevator function

Optional function

FUNCTION	DESCRIPTION
E EMERGENCY FUNCTION	
Leveling when power failure	Rechargeable battery supplies power; the elevator drives to the nearest landing.
Anti-nuisance	In light load, when three more commands appear, all registered callings in the cabin will be cancelled (to avoid unnecessary parking).
Open the door in advance	As the elevator decelerates and enters the door-open zone, it automatically opens the door to enhance efficiency.
Direct parking	Accords with distance principle with no crawling in levelling; greatly enhances travel efficiency.
T TRAVEL FUNCTION	
Group control function	When three or more same-model elevator groups are controlled in use, the group automatically chooses the most appropriate response; avoids repeated parking, reduces waiting time.
Duplex control	Two sets of same-model elevators unanimously respond to calling signals through computer dispatch.
On-duty peak service	Within preset on-duty time, upward transport from the home landing is extremely busy; elevators are continuously dispatched to the home landing.
Off-duty peak service	Within preset off-duty period, elevators are continuously dispatched to the top floor.
Door open time extending	Press special button in the cabin; the door keeps open for a certain period.
M MAN-MACHINE INTERFACE	
Voice announcer	On normal arrival, voice announcer informs passengers of relevant information.
Cabin assistant operation box	Used in large loading-weight elevators or crowded elevators so more passengers can use the cabin.
Operation box for the handicapped	Convenient for wheelchair passengers and those with vision problems.
Intelligent calling service	Cabin command or hoistway calling can be locked or connected through special intelligent input.
IC card control function	All (partial) landings can only input cabin commands through IC card after authorisation.
Mo MONITOR FUNCTION	
Remote monitor	Long-distance monitor and control fulfilled through modem and telephone.
Remote control	Independent travel according to specific requirements through operation monitor screen (optional).
Camera function in the cabin	Camera installed in the cabin to monitor cabin conditions.

PANORAMIC ELEVATOR

LGE-PAN-0026

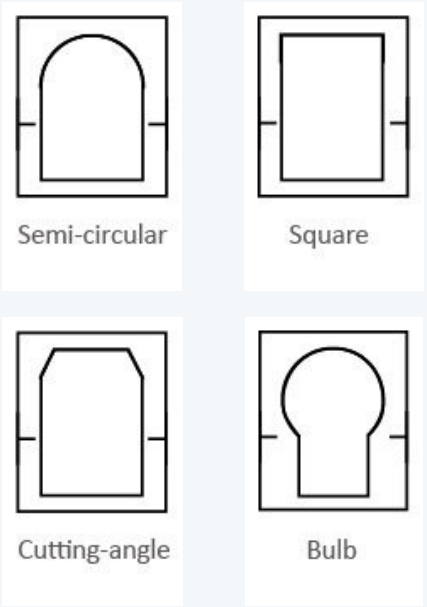
Space-creating fulfills great splendors



It applies highly secure laminated glass cabin wall material. It prevents energy loss with effective sound insulation. It adopts large-area cabin wall glass to create the best sight-seeing vision. It is smooth in outline design. It adds infinite beauty and charm for the building in the travel process.

Various types of cabin are available for your choice and meet different needs. The overstriking line in each picture is transparent safety glass.

Cabin shapes



The panoramic elevator car designs follow on pages 63–69 (LGE-PAN-0001–0025).



LGE-PAN-0001

Panoramic elevator car — titanium gold mirror etched

Upper & lower shades: Ti-gold mirror etched st.st., baked enamel steel plate
Observation wall: Laminated glass (Ti-gold mirror st.st. frame)
Decoration ceiling: Baked enamel steel plate, acrylic decoration
Car wall: Ti-gold mirror etched st.st.
Handrail: Ti-gold round tube
Floor: PVC



LGE-PAN-0002

Panoramic elevator car — painted steel, vertical line design

Upper & lower shades: Painted steel plate + vertical line design
Observation wall: 3PCS safety laminated glass
Decoration ceiling: Painted steel framework, acrylic arch top plate
Car wall: SS hairline
Handrail: SS double-tube
Floor: PVC



LGE-PAN-0003

Panoramic elevator car — titanium gold hairline, marble floor

Upper & lower shades: Ti-gold hairline st.st.
Observation wall: Laminated glass (Ti-gold mirror st.st. frame)
Decoration ceiling: Gold baked enamel steel plate, cream white board, light band
Car wall: Laminated glass (Ti-gold mirror st.st.)
Handrail: Ti-gold
Floor: Marble



LGE-PAN-0004

Panoramic elevator car — acrylic hemispheric cover

Upper & lower shades: Acrylic hemispheric cover
Observation wall: Safety laminated glass
Decoration ceiling: Steel plate baked enamel frame, acrylic lighting decoration
Car wall: Hairline SS
Handrail: SS mono-tube
Floor: PVC



LGE-PAN-0005

Panoramic elevator car — white acrylic dome cover

Upper & lower shades: White acrylic dome cover
Observation wall: Safety laminated glass
Decoration ceiling: Hairline SS, acrylic lighting decoration, down lamp
Car wall: SS hairline panel
Handrail: SS round tube
Floor: PVC



LGE-PAN-0006

Panoramic elevator car — painted steel, acrylic decoration

Upper & lower shades: Painted steel, acrylic decoration
Observation wall: Laminated safety glass
Decoration ceiling: Mirror SS, acrylic
Car wall: Hairline SS
Handrail: SS double-tube
Floor: PVC



LGE-PAN-0007

Panoramic elevator car — baked enamel, decoration lamp

Upper & lower shades: Stair-step round steel plate baked enamel, decoration lamp
Observation wall: Safety laminated glass
Decoration ceiling: Steel plate baked enamel, acrylic lighting decoration
Car wall: SS titanium gold hairline panel
Handrail: SS mono-tube
Floor: PVC



LGE-PAN-0008

Panoramic elevator car — traditional Chinese pattern

Upper & lower shades: Painted steel plate, traditional Chinese pattern
Observation wall: 3PCS safety laminated glass
Decoration ceiling: Central round star, image light-emitting panel, four-side down lamps
Car wall: SS hairline panel
Handrail: SS double-tube
Floor: PVC



LGE-PAN-0009

Panoramic elevator car — titanium gold mirror

Upper & lower shades: Titanium gold mirror SS
Observation wall: Safety laminated glass
Decoration ceiling: Titanium gold mirror SS, acrylic lighting decoration
Car wall: Titanium gold mirror SS
Handrail: SS
Floor: PVC



LGE-PAN-0010

Panoramic elevator car — hairline stainless steel, etched

Upper & lower shades: Hairline SS
Observation wall: Safety laminated glass
Decoration ceiling: Hairline SS, acrylic lighting decoration
Car wall: Hairline SS, etched SS
Handrail: SS double-tube
Floor: PVC



LGE-PAN-0011

Panoramic elevator car — baked enamel, down lamp

Upper & lower shades: Steel plate model, baked enamel, acrylic
Observation wall: Safety laminated glass
Decoration ceiling: Steel plate baked enamel, acrylic lighting decoration, down lamp
Car wall: Hairline SS
Handrail: SS double-tube
Floor: PVC



LGE-PAN-0012

Panoramic elevator car — panorama wall, 6+6 clamp glass

Upper & lower shades: Panorama wall
Observation wall: Glue glass of safety clamp 6+6
Decoration ceiling: Painted steel framework
Car wall: Hairline SS
Handrail: SS tube
Floor: PVC



LGE-PAN-0013

Panoramic elevator car — baked enamel, acrylic light decoration

Upper & lower shades: Steel plate baked enamel acrylic light decoration
Observation wall: Laminated glass
Decoration ceiling: Steel plate baked enamel acrylic top panel, downlight
Car wall: Hairline st.st. plate
Handrail: SS tube
Floor: PVC



LGE-PAN-0014

Panoramic elevator car — SS skirting, round art panel

Upper & lower shades: Painted steel plate, SS skirting, decoration lamp
Observation wall: 3PCS safety laminated glass
Decoration ceiling: Round art panel model, rear soft lighting design of down lamp
Car wall: Hairline, etched
Handrail: SS mono-tube
Floor: PVC



LGE-PAN-0015

Panoramic elevator car — central round acrylic top lamp

Upper & lower shades: Steel plate baked enamel, decoration lamp
Observation wall: 3PCS safety laminated glass (5+5)
Decoration ceiling: Central round acrylic top lamp, two-side LED
Car wall: Hairline SS
Handrail: SS mono-tube
Floor: PVC



LGE-PAN-0016

Panoramic elevator car — titanium gold etching

Upper & lower shades: Titanium gold etching, steel plate baked enamel
Observation wall: Safety laminated glass
Decoration ceiling: Steel plate baked enamel, acrylic lighting decoration
Car wall: Titanium gold mirror etched SS
Handrail: Titanium gold double-tube
Floor: PVC



LGE-PAN-0017

Panoramic elevator car — half-round acrylic crown

Upper & lower shades: Half-round acrylic crown, metal outer cover, painted steel plate skirting
Observation wall: 3PCS safety laminated glass
Decoration ceiling: Art modeling lamp, down lamp
Car wall: Hairline SS
Handrail: SS double-tube
Floor: Not provided



LGE-PAN-0018

Panoramic elevator car — round corner-cut baked enamel

Upper & lower shades: Round corner-cut steel plate baked enamel, acrylic light-emitting
Observation wall: Safety laminated glass
Decoration ceiling: Steel plate baked enamel frame, acrylic light-emitting and down lamp
Car wall: Hairline SS
Handrail: SS mono-tube
Floor: PVC



LGE-PAN-0019

Panoramic elevator car — hairline stainless steel, down lamp

Upper & lower shades: Hairline SS
Observation wall: Safety laminated glass
Decoration ceiling: Hairline SS, acrylic lighting decoration, down lamp
Car wall: Hairline SS
Handrail: SS mono-tube
Floor: PVC



LGE-PAN-0020

Panoramic elevator car — mirror stainless steel arch top

Upper & lower shades: Steel plate baked enamel, acrylic lighting decoration
Observation wall: Safety laminated glass
Decoration ceiling: Mirror SS, acrylic arch top panel, down lamp
Car wall: Hairline SS panel
Handrail: Ø38 SS tube
Floor: PVC



LGE-PAN-0021

Panoramic elevator car — multi-ply reflection light panel

Upper & lower shades: Steel plate baked enamel, acrylic lighting decoration
Observation wall: Safety laminated glass
Decoration ceiling: Multi-ply reflection light panel with four-side waist light-emitting holes, organic light pole, soft 3D light
Car wall: Laminated glass
Handrail: Ø38 SS tube
Floor: PVC



LGE-PAN-0022

Panoramic elevator car — mirror stainless steel, laminated glass walls

Upper & lower shades: Steel plate baked enamel, acrylic lighting decoration
Observation wall: Safety laminated glass
Decoration ceiling: Mirror SS, acrylic lighting decoration
Car wall: Laminated glass
Handrail: Ø38 SS tube
Floor: PVC



LGE-PAN-0023

Panoramic elevator car — toughened glass, floor-type handrail

Upper & lower shades: Hairline SS
Observation wall: Safety laminated toughened glass
Decoration ceiling: Steel plate baked enamel
Car wall: Hairline SS
Handrail: Floor type SS round tube
Floor: PVC



LGE-PAN-0024

Panoramic elevator car — painted steel, laminated glass wall

Upper & lower shades: Painted steel plate
Observation wall: Safety laminated glass
Decoration ceiling: Hairline SS, acrylic lighting decoration
Car wall: Safety laminated glass
Handrail: SS round
Floor: PVC

Panoramic Elevator Car Decoration



LGE-PAN-0025

Panoramic elevator car — mirror stainless steel, laminated glass

UPPER & LOWER SHADES
Mirror SS

CAR WALL
Mirror SS, safety laminated glass

OBSERVATION WALL
Safety laminated glass

HANDRAIL
Mirror SS hairline panel

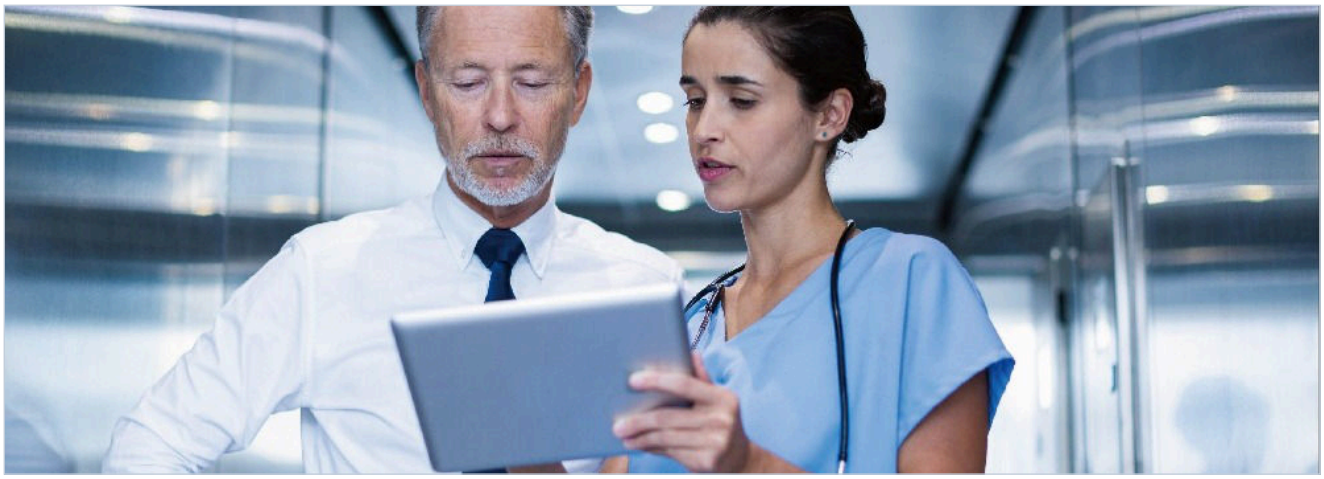
DECORATION CEILING
Hairline SS, acrylic lighting decoration

FLOOR
PVC

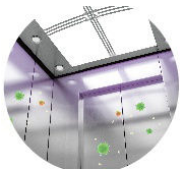
Panoramic elevator car designs: LGE-PAN-0001–0025 (pp. 63–69).

Hospital-Bed Elevator

LGE-HOS-0003



In order to meet the requirements of delivering emergency patients, it applies human-centered design. It is equipped with a full set of top grade equipment with smooth and comfortable running, broad and bright elevator car. It not only has ordinary passenger transport functions. Furthermore, it can hold stretchers. Meanwhile, it offers great convenience for people to carry big furniture. It applies high strength section material to make the elevator car. It can load various kinds of heavy stretchers. It safely delivers patients or big things. It efficiently protects security for both people and goods.



Space ultraviolet sterilization

UV technology, for armrest, car wall, and car space comprehensive disinfection, infrared induction and other multiple safety modes, effective sterilization up to 99%, effective prevention of virus cross transmission, making elevator space more secure.



Zero-contact intellectual induction

It applies capacitance type non-contact long-distance induction mode. It fulfills 5mm for effective induction distance. It prevents finger from touching press button. It thus greatly reduces virus infection because of finger touch in elevator use. It also prolongs the service life of elevator press-buttons.

Door-opening modes: Central opening · Side opening · Opposite side opening



LGE-HOS-0001

Car top: Paint steel, LED lighting

Car wall: Hairline SS

Handrail: Double flat SS

Floor: PVC



LGE-HOS-0002

Car top: Paint steel, LED lighting, downlight

Car wall: Hairline SS

Handrail: Double flat SS

Floor: PVC

LGE-HOM-0029

Villa (home) elevator system



The villa elevator provides you with comfortable enjoyment. Multiple comfortable experiences are small in noise and convenient in installation. It provides home transport for the elderly, sick and disabled users on the lower floors.

DOOR-OPENING MODES

Center-opening	**Side-opening**	**Manually operated door**

Smooth operation	**Noise-reducing**	**Economic and attractive**

The villa elevator cabin designs follow on the next pages, four per page (LGE-HOM-0001–0028, pp. 73–79).



LGE-HOM-0001

Villa elevator cabin — black titanium mirror accents

Ceiling: Mirror SS integrated, LED lighting
Car wall: Hairline SS + black titanium mirror SS
Handrail: None
Floor: PVC (optional marble)



LGE-HOM-0002

Villa elevator cabin — hairline & etched stainless steel

Ceiling: Mirror SS, acrylic light decoration, LED lighting
Car wall: Hairline SS + mirror etched SS
Handrail: None
Floor: PVC (optional marble)



LGE-HOM-0003

Villa elevator cabin — mirror stainless steel integrated ceiling

Ceiling: Mirror SS integrated, acrylic light decoration, LED lighting
Car wall: Hairline SS
Handrail: None
Floor: PVC (optional marble)



LGE-HOM-0004

Villa elevator cabin — mirror etched walls

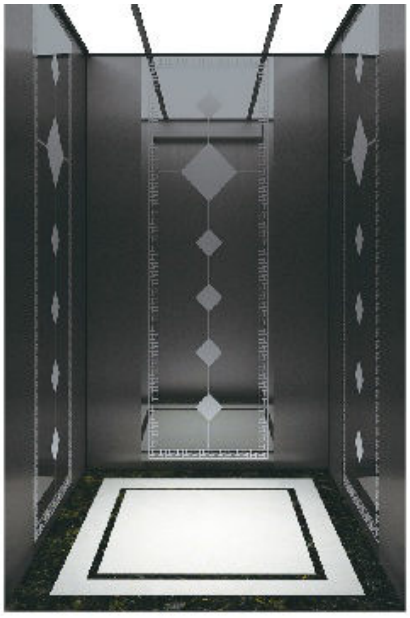
Ceiling: Mirror SS, acrylic light decoration
Car wall: Mirror SS etching + hairline SS
Handrail: None
Floor: PVC (optional marble)



LGE-HOM-0005

Villa elevator cabin — black titanium, light strip

Ceiling: Black titanium mirror, acrylic transparent plate, LED lighting
Car wall: Water-plated black hair SS + water-plated black mirror SS, light strip
Handrail: None
Floor: PVC (optional marble)



LGE-HOM-0006

Villa elevator cabin — black titanium etched

Ceiling: Black titanium frame, acrylic transparent plate
Car wall: Black titanium SS + black titanium mirror etched
Handrail: None
Floor: PVC (optional marble)



LGE-HOM-0007

Villa elevator cabin — hairline & mirror stainless steel

Ceiling: Hairline SS, acrylic lighting, LED lighting
Car wall: Mirror SS + hairline SS
Handrail: None
Floor: PVC (optional marble)



LGE-HOM-0008

Villa elevator cabin — vaulted acrylic ceiling

Ceiling: Hairline SS, acrylic vaulted ceiling
Car wall: Hairline SS + mirror SS etching
Handrail: Mirror SS single tube
Floor: PVC (optional marble)



LGE-HOM-0009

Villa elevator cabin — hairline & mirror stainless steel

Ceiling: Hairline SS, LED lighting
Car wall: Hairline SS + mirror SS
Handrail: SS flat
Floor: PVC (optional marble)



LGE-HOM-0010

Villa elevator cabin — high-grade wood decoration

Ceiling: High-grade wood decoration, LED light-strip, hidden lamp
Car wall: High-grade wood decoration, art glass + LED light strip
Handrail: SS flat
Floor: PVC (optional marble)



LGE-HOM-0011

Villa elevator cabin — titanium gold

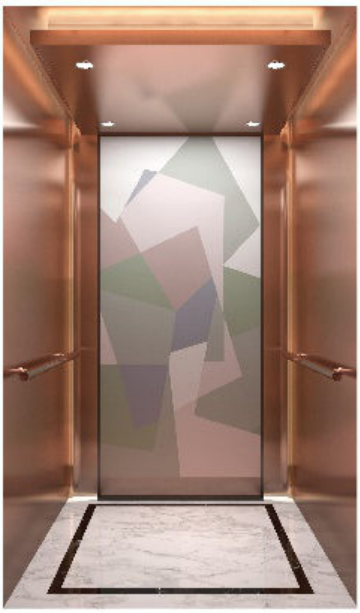
Ceiling: Titanium gold SS, acrylic transparent plate
Car wall: Titanium gold SS + mirror SS
Handrail: None
Floor: PVC (optional marble)



LGE-HOM-0012

Villa elevator cabin — wood grain steel plate

Ceiling: Hairline SS, acrylic lighting, LED lighting
Car wall: Mirror SS + wood grain makeup steel plate
Handrail: None
Floor: PVC (optional marble)



LGE-HOM-0013

Villa elevator cabin — rose gold, art glass

Ceiling: Rose gold hairline SS, LED lighting, concealed light belt
Car wall: Art glass hidden light belt + rose gold hairline SS
Handrail: SS single tube
Floor: PVC (optional marble)



LGE-HOM-0014

Villa elevator cabin — painted etching, leather decoration

Ceiling: White painted etching cold steel plate
Car wall: Painting, red leather hard decoration, black titanium St.St. + bronze hairline St.St., beige leather hard decoration
Handrail: None
Floor: PVC (optional marble)



LGE-HOM-0015

Villa elevator cabin — champagne gold etched

Ceiling: Champagne gold mirror SS etching, European ceiling light, downlight
Car wall: Champagne gold hairline SS + champagne gold mirror etched
Handrail: Champagne gold + solid wood combination
Floor: PVC (optional marble)



LGE-HOM-0016

Villa elevator cabin — rose gold mirror, wood grain steel

Ceiling: Rose gold mirror SS, LED lighting, acrylic lighting
Car wall: Wood grain steel + rose gold mirror SS, etched
Handrail: Roundwood
Floor: PVC (optional marble)



LGE-HOM-0017

Villa elevator cabin — baked enamel wood panel, oil painting

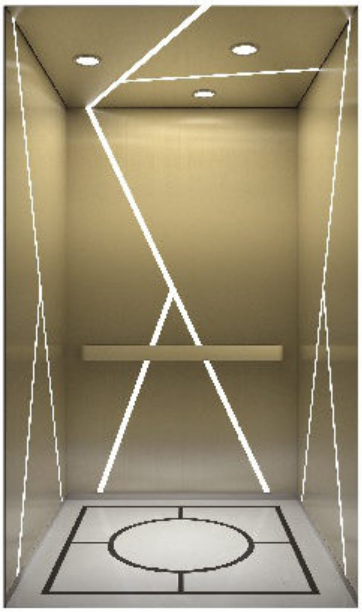
Ceiling: Baked enamel wood panel (pearl white), mirror SS insertion strip, LED lighting
Car wall: Lacquer board, wood line side frame, etched mirror SS, decoration oil painting
Handrail: None
Floor: PVC (optional marble)



LGE-HOM-0018

Villa elevator cabin — bronze mirror etched

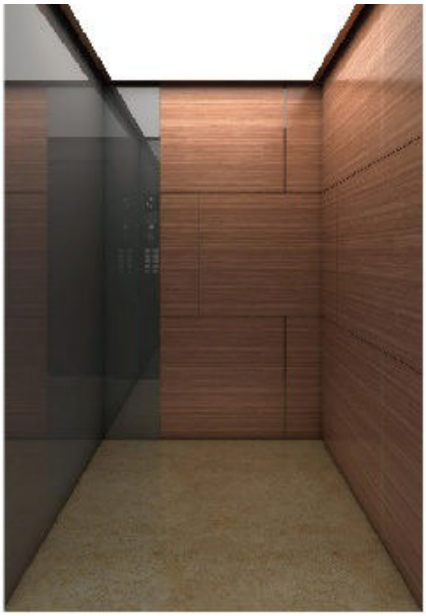
Ceiling: Bronze mirror SS, acrylic transparent plate, LED lighting
Car wall: Bronze mirror etched SS + black titanium mirror SS
Handrail: None
Floor: PVC (optional marble)



LGE-HOM-0019

Villa elevator cabin — champagne gold, LED strip

Ceiling: Champagne gold hairline SS, LED lighting, LED strip
Car wall: Champagne gold hairline SS, LED strip
Handrail: Champagne gold flat
Floor: PVC (optional marble)



LGE-HOM-0020

Villa elevator cabin — black titanium mirror, wood veneer

Ceiling: Mirror SS integrated, LED light
Car wall: Black titanium mirror SS, wood veneer, SS decorative strip
Handrail: None
Floor: PVC (optional marble)



LGE-HOM-0021

Villa elevator cabin — white wood decoration, titanium frame

Ceiling: White wood decoration side-frame, acrylic
Car wall: White wood decoration, titanium gold side-frame lines, mirror
Handrail: None
Floor: PVC (optional marble)



LGE-HOM-0022

Villa elevator cabin — ivory baked wood, transparent marble

Ceiling: Baked wood board (ivory white), LED lighting, transparent marble
Car wall: Baked wood board (ivory white), mirror
Handrail: None
Floor: PVC (optional marble)



LGE-HOM-0023

Villa elevator cabin — wood finish

Ceiling: Wood finish, acrylic lighting
Car wall: Wood finish, metal strip
Handrail: None
Floor: PVC (optional marble)



LGE-HOM-0024

Villa elevator cabin — wood finish, etched mirror

Ceiling: Wood finish, LED light
Car wall: Mirror etched SS, wood finish
Handrail: SS round tube
Floor: PVC (optional marble)



LGE-HOM-0025

Villa elevator cabin — glass car, hairline stainless steel

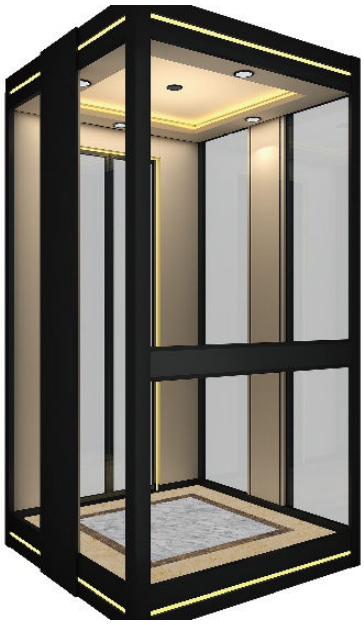
Ceiling: Mirror SS, acrylic transparent plate, LED lighting
Car wall: Hairline SS, safety laminated glass
Handrail: SS single tube
Floor: PVC (optional marble)



LGE-HOM-0026

Villa elevator cabin — glass car, titanium mirror

Ceiling: Titanium mirror SS, european style ceiling lamp, LED lighting
Car wall: Titanium mirror SS, safety laminated glass
Handrail: Titanium SS
Floor: PVC (optional marble)



LGE-HOM-0027

Villa elevator cabin — glass car, piano black enamel

Ceiling: Piano baked enamel steel plate, LED lighting, embedded light band
Car wall: Piano baked enamel steel plate, safety laminated glass
Handrail: Black titanium SS flat
Floor: PVC (optional marble)



LGE-HOM-0028

Villa elevator cabin — glass car, rose gold & gold foil

Ceiling: Rose gold mirror SS, gold foil
Car wall: Rose gold mirror SS, safety laminated glass
Handrail: Rose gold SS flat
Floor: PVC (optional marble)

ELEVATOR TRACTION MACHINES

Gearless permanent-magnet synchronous machines for machine-room-less and machine-room passenger lifts.

This section presents traction machines by their manufacturers. **Torin Drive**, **Mona Drive** and **FUJI Drive** are the manufacturers of the products shown; they are not manufactured by Liftech Global. Liftech Global does not claim to be an authorised, exclusive or certified partner of either manufacturer — no such documentation was supplied. Every value below is taken from the supplied source file for that family. Where a value is not given in the source it is marked “Not specified in the supplied source”.

HOW TO READ A FAMILY PAGE

- **Rated load** is the lift duty load in kg, not the machine's static load.
- **Suspension** 2:1 / 1:1 is the roping ratio as printed in the source.
- **Sheave dia.** is the traction sheave diameter; **rope groove** gives the number, rope diameter and pitch exactly as printed (e.g. 5×Ø10×16).
- Current, torque, rated speed, frequency and power are the source's selection-table values for the stated variant and speed.

AT A GLANCE

Manufacturer family	Rated load	Speed (tabulated)	Suspension	Sheave
Torin Drive GTW7A	320–630 kg	1.0–1.75 m/s	2:1	Ø325 mm
Torin Drive GTW9S	630–1,150 kg	1.0–2.0 m/s	2:1 / 1:1	Ø400 / Ø340 mm
Torin Drive GTW9A	800–1,350 kg	1.0–2.5 m/s	2:1 / 1:1	Ø480 / Ø400 mm
Torin Drive GTW5A	1,350–2,000 kg	1.0–2.0 m/s	2:1	Ø485 mm
Mona Drive MCK100	320–1,000 kg	1.0–1.6 m/s	1:1 / 2:1	Ø320 / Ø400 mm
Mona Drive MCK200	630–1,250 kg	1.0–2.5 m/s	1:1 / 2:1	Ø400 / Ø450 mm
Mona Drive MCK300	1,250–1,600 kg	1.0–2.5 m/s	1:1 / 2:1	Ø400 / Ø450 / Ø520 mm
Mona Drive MCK450	1,600–2,500 kg	1.0–2.5 m/s	1:1 / 2:1	Ø450 / Ø480 mm
FUJI Drive FDR320A	320–630 kg	1.0–1.75 m/s	2:1	Ø325 mm
FUJI Drive FDR400A	630–1,150 kg	1.0–2.0 m/s	2:1	Ø400 / Ø340 mm
FUJI Drive FD160C	320–450 kg	0.4–1.0 m/s	2:1	Ø160 mm

MONA DRIVE — INCLUDED (SECTION 2)

The Mona Drive source has been supplied (2026 PMS Gearless Traction Machine Selection Guide, Suzhou Mona Drive Equipment Co., Ltd.), so Section 2 below presents four verified Mona Drive MCK families — MCK100, MCK200, MCK300 and MCK450 — between the Torin Drive and FUJI Drive subsections.

CONTENTS — 1 Torin Drive GTW series overview · GTW7A · GTW9S · GTW9A · GTW5A · 2 Mona Drive MCK overview · MCK100 · MCK200 · MCK300 · MCK450 · 3 FUJI Drive overview · FDR320A · FDR400A · FD160C · Selection notes & source index

Common Torin Drive GTW note (all four families below): 380 V supply, 32 poles, S5 (40%) rating, insulation class F, IP41. For machine-room-less use the standard configuration does not include manual brake release; the customer provides their own electric brake release device, and manual brake release is optional on request (source remark, all GTW pages).

1 • TORIN DRIVE — GTW SERIES

Manufacturer: Torin Drive (Suzhou Torin Drive Equipment Co., Ltd., as printed in the source).
Permanent-magnet synchronous gearless traction machines, GTW series, from the manufacturer's 2024 catalogue supplied for this section.

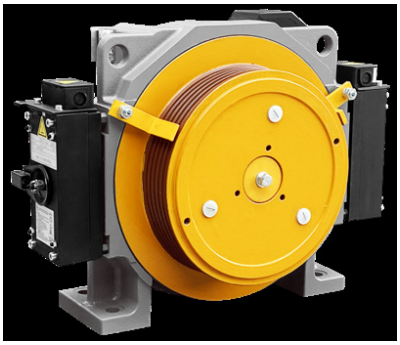
The GTW recommendation chart in the source maps load and speed to a machine: small duties (450–630 kg) start at GTW7A, mid duties (630–1,150 kg) at GTW9S, heavier mid duties (800–1,350 kg, including 2.5 m/s duties) at GTW9A, and heavy duties (1,350–2,000 kg and above) at GTW5A / GTW10X / GTW12. This section covers the four families above in that order; GTW10X, GTW10XL and GTW12 are not reproduced here and remain available in the source catalogue.

Family	Max. static load	Machine weight	Brake (DC110 V)
GTW7A	2,000 kg	190 kg	FZD10 — 2×0.84 A (≤450 kg) / 2×1.46 A (>450 kg)
GTW9S	3,000 kg	315 kg	FZD12A — 2×1.28 A
GTW9A	3,500 kg	350 kg	FZD12C — 2×1.5 A
GTW5A	6,000 kg	820 kg	PZD220A — 2×1.1 A

Brake currents are as printed; the GTW7A brake current depends on duty load as shown. Machine weight is the source's stated machine weight, not the lift load.

GTW7A — COMPACT GEARLESS MACHINE

Manufacturer: Torin Drive | Small passenger duties. The entry GTW family: 320–630 kg at 2:1 suspension.



GTW7A product image, extracted losslessly from Torin source p. 5 (PDF p. 4). Shown at original aspect ratio; not stretched.

KEY DATA

Rated load: 320 / 450 / 550 / 630 kg

Speed: 1.0 / 1.5 / 1.6 / 1.75 m/s

Suspension: 2:1

Sheave: Ø325 mm for all variants

Rope groove: 320 kg: 3×Ø8×12 · 450 kg: 4×Ø8×12 · 550 / 630 kg: 5×Ø8×12

Supply / poles / rating: 380 V · 32 · S5 (40%) · Ins. class F · IP41

Brake: FZD10, DC110 V — 2×0.84 A at ≤450 kg, 2×1.46 A at >450 kg

Max. static load / weight: 2,000 kg / 190 kg

Overall size (drawing, approx.): ≈665 mm long × ≈457 mm high × ≈250 mm deep; foot centres 460 / 390 / 290 mm; centre height 230 mm

SELECTION TABLE — AS PRINTED IN THE SUPPLIED SOURCE

Variant	Load (kg)	Speed (m/s)	Current (A)	Torque (Nm)	Rated speed (rpm)	Freq. (Hz)	Power (kW)
GTW7A-31P6A	320	1.6	9.4	200	189	50.4	4.0
GTW7A-41P6A	450	1.6	13.7	265	189	50.4	5.2
GTW7A-51P6A	550	1.6	14.3	290	189	50.4	5.7
GTW7A-61P6A	630	1.6	16.0	325	189	50.4	6.4
GTW7A-61P0A	630	1.0	9.6	325	118	31.5	4.0
GTW7A-61P7A	630	1.75	16.0	325	206	54.9	7.0

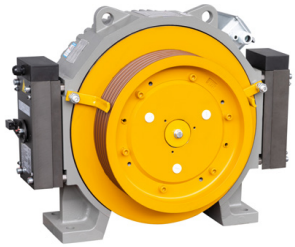
- Full variant set in the source: each load at 1.0, 1.5, 1.6 and 1.75 m/s (16 variants, GTW7A-31/41/51/61 P0A/P5A/P6A/P7A). The table above shows the 1.6 m/s row for every load plus the 630 kg speed extremes.
- Best fit by the source recommendation chart: 450–630 kg low-rise passenger duties at 1.0–1.75 m/s, 2:1 suspension.

Final selection is subject to project confirmation. Verify load, speed, suspension, sheave, shaft and controller compatibility for the specific project before ordering.

Source: Torin Drive GTW catalogue (2024), GTW7A spread, catalogue pp. 05–06 (PDF pp. 4–5).

GTW9S — MID-RANGE GEARLESS MACHINE

Manufacturer: Torin Drive | Mid passenger duties. 630–1,150 kg, 2:1 and 1:1 suspension.



GTW9S product image, extracted losslessly from Torin source p. 7 (PDF p. 5). Shown at original aspect ratio; not stretched.

KEY DATA

Rated load (2:1): 630 / 800 / 1,000 / 1,150 kg

Speed (2:1): 1.0 / 1.5 / 1.6 / 1.75 / 2.0 m/s

Suspension: 2:1 / 1:1 (1:1 variants: 400 / 450 / 500 kg, see note)

Sheave: Ø400 mm (630 / 800 / 1,000 kg; 1,150 kg Ø400 “D” variants) · Ø340 mm (1,150 kg standard)

Rope groove: 630 kg: 4×Ø10×16 · 800 / 1,000 kg: 5×Ø10×16 · 1,150 kg: 8×Ø8×12 (Ø340) / 6×Ø10×16 (Ø400 D)

Supply / poles / rating: 380 V · 32 · S5 (40%) · Ins. class F · IP41

Brake: FZD12A, DC110 V, 2×1.28 A

Max. static load / weight: 3,000 kg / 315 kg

Key dimensions L1–L5 (mm): 800 kg: 84 / 22 / 172 / 271 / 285 · 1,150 kg (Ø340): 92 / 44 / 192 / 309 / 323

SELECTION TABLE — AS PRINTED IN THE SUPPLIED SOURCE

Variant (2:1)	Load (kg)	Speed (m/s)	Current (A)	Torque (Nm)	Rated speed (rpm)	Freq. (Hz)	Power (kW)
GTW9S-61P6A	630	1.6	14.9	420	153	40.8	6.7
GTW9S-81P6A	800	1.6	18.8	530	153	40.8	8.5
GTW9S-101P6A	1,000	1.6	22.9	650	153	40.8	10.4
GTW9S-111P6	1,150 (Ø340)	1.6	26.3	650	180	48.0	12.3
GTW9S-111P6D	1,150 (Ø400)	1.6	26.0	750	153	40.8	12.0
GTW9S-102P0A	1,000	2.0	28.2	650	192	51.2	13.1

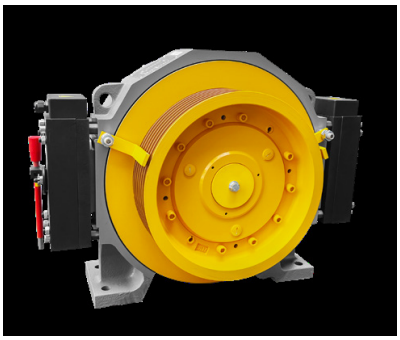
- The 1.6 m/s row is shown for every 2:1 load; full source set covers 1.0–2.0 m/s. The 1,150 kg duty has two sheave options — Ø340 (8×Ø8×12) and Ø400 “D” (6×Ø10×16, higher torque 750 Nm) — confirm which suits the shaft and rope layout.
- 1:1 variants are also tabulated in the source (400 / 450 / 500 kg, e.g. GTW9S-51P6A-1 at 1.6 m/s: 14.0 A, 660 Nm, 5.3 kW); they are not repeated in full here to keep this page a selection page.

Final selection is subject to project confirmation. Verify load, speed, suspension, sheave, shaft and controller compatibility for the specific project before ordering.

Source: Torin Drive GTW catalogue (2024), GTW9S spread, catalogue pp. 07–08 (PDF pp. 5–6).

GTW9A — HIGHER-SPEED MID-RANGE MACHINE

Manufacturer: Torin Drive | Heavier mid duties and higher speeds: 800–1,350 kg, up to 2.5 m/s (2:1).



GTW9A product image, extracted losslessly from Torin source p. 9 (PDF p. 6). Shown at original aspect ratio; not stretched.

KEY DATA

Rated load (2:1): 800 / 1,000–1,050 / 1,150 / 1,250 / 1,350 kg

Speed (2:1): 800 / 1,000 kg: 2.0 / 2.5 m/s · 1,150–1,350 kg: 1.0–2.0 m/s

Suspension: 2:1 / 1:1 (1:1 variant: 630 kg, Ø400)

Sheave: Ø480 mm (800 / 1,000 kg) · Ø400 mm (1,150 / 1,250 / 1,350 kg)

Rope groove: 800 kg: 5×Ø10×16 · all other 2:1 loads: 6×Ø10×16

Supply / poles / rating: 380 V · 32 · S5 (40%) · Ins. class F · IP41

Brake: FZD12C, DC110 V, 2×1.5 A

Max. static load / weight: 3,500 kg / 350 kg

Overall dimensions: Not specified in the supplied source as a legible dimension table; use the source dimension drawing and confirm at order stage.

SELECTION TABLE — AS PRINTED IN THE SUPPLIED SOURCE

Variant (2:1)	Load (kg)	Speed (m/s)	Current (A)	Torque (Nm)	Rated speed (rpm)	Freq. (Hz)	Power (kW)
GTW9A-82P0A	800	2.0	22.3	592	159	42.4	9.9
GTW9A-82P5A	800	2.5	28.4	592	200	53.3	12.4
GTW9A-102P0	1,000/1,050	2.0	30.0	780	159	42.4	13.0
GTW9A-111P6	1,150	1.6	26.0	750	153	40.8	12.0
GTW9A-121P6	1,250	1.6	28.3	810	153	40.8	13.0
GTW9A-131P6	1,350	1.6	30.5	856	153	40.8	13.7
GTW9A-61P6-1 (1:1)	630	1.6	16.2	810	77	20.5	6.5

- GTW9A is the GTW family to select when the duty needs 2.5 m/s (800 / 1,000 kg at 2:1) or a 1,350 kg load within the mid-range frame.
- 1:1 example shown for comparison only; the 1:1 set covers 630 kg at 1.0–2.0 m/s in the source.

Final selection is subject to project confirmation. Verify load, speed, suspension, sheave, shaft and controller compatibility for the specific project before ordering.

Source: Torin Drive GTW catalogue (2024), GTW9A spread, catalogue pp. 09–10 (PDF pp. 6–7).

GTW5A — HEAVY-DUTY GEARLESS MACHINE

Manufacturer: Torin Drive | Heavy passenger / high-load duties: 1,350–2,000 kg at 2:1 suspension.



GTW5A product image, extracted losslessly from Torin source p. 11 (PDF p. 7). Shown at original aspect ratio; not stretched.

KEY DATA

Rated load: 1,350 / 1,600 / 2,000 kg

Speed: 1.0 / 1.6 / 1.75 / 2.0 m/s

Suspension: 2:1

Sheave: Ø485 mm for all variants

Rope groove: 1,350 / 1,600 kg: 5×Ø12×18 · 2,000 kg: 6×Ø12×18

Supply / poles / rating: 380 V · 32 · S5 (40%) · Ins. class F · IP41

Brake: PZD220A, DC110 V, 2×1.1 A

Max. static load / weight: 6,000 kg / 820 kg — the heaviest GTW frame in this section

Overall dimensions: Not specified in the supplied source as a legible dimension table; use the source dimension drawing and confirm at order stage.

SELECTION TABLE — AS PRINTED IN THE SUPPLIED SOURCE

Variant	Load (kg)	Speed (m/s)	Current (A)	Torque (Nm)	Rated speed (rpm)	Freq. (Hz)	Power (kW)
GTW5A-131P6	1,350	1.6	34.6	1,050	126	33.6	14.2
GTW5A-161P6	1,600	1.6	39.8	1,250	126	33.6	16.5
GTW5A-201P6	2,000	1.6	50.0	1,560	126	33.6	20.7
GTW5A-131P0	1,350	1.0	24.3	1,050	79	21.0	8.8
GTW5A-201P0	2,000	1.0	31.7	1,560	79	21.0	13.0
GTW5A-202P0	2,000	2.0	60.7	1,560	158	42.0	26.0

- Note the larger rope (Ø12) and the 820 kg machine weight: shaft, support and handling provisions for GTW5A differ materially from the smaller GTW frames — confirm with the project structural and logistics requirements.
- Full source set: each load at 1.0, 1.6, 1.75 and 2.0 m/s.

Final selection is subject to project confirmation. Verify load, speed, suspension, sheave, shaft and controller compatibility for the specific project before ordering.

Source: Torin Drive GTW catalogue (2024), GTW5A spread, catalogue pp. 11–12 (PDF pp. 7–8).

2 • MONA DRIVE — MCK SERIES

Manufacturer: Mona Drive — Suzhou Mona Drive Equipment Co., Ltd. (MONADRIVE), from the supplied “2026 PMS Gearless Traction Machine Selection Guide”. All four families below are permanent-magnet synchronous gearless traction machines, 380 V, insulation class F, IP41, duty S5-40% / 240 starts per hour (as printed). Each family is presented from its own two-page spread in the source: the product introduction on the left catalogue page and the full specification sheet on the right.

The source file is an image-only scanned document (66 PDF pages, landscape; each PDF page holds two catalogue pages). Values below were transcribed from rendered spreads and cross-checked against the specification tables; both catalogue and PDF page numbers are given for every family so any value can be re-checked in the source.

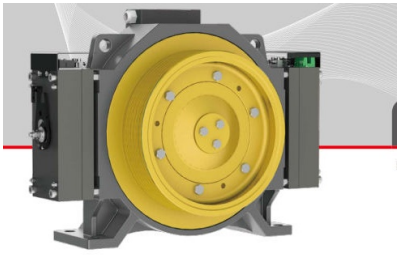
Family	Rated load	Speed	Sheave (pitch dia.)	Max. static load	Weight (max.)
MCK100	320–1,000 kg	1.0–1.6 m/s	Ø320 / Ø400 mm	3,000 kg	220 kg
MCK200	630–1,250 kg	1.0–2.5 m/s	Ø400 / Ø450 mm	3,500 kg	290 kg
MCK300	1,250–1,600 kg	1.0–2.5 m/s	Ø400 / Ø450 / Ø520 mm	6,000 kg	450 kg
MCK450	1,600–2,500 kg	1.0–2.5 m/s	Ø450 / Ø480 mm	7,500 kg	530 kg

All MCK families are noted in the source as “also suitable for MRL” (front handwheel optional on MCK100; rear handwheel optional on MCK200 / MCK300 / MCK450 as printed). U-groove beta =95°/gamma =30° values are the source's recommended values; custom notch angles are available per the source notes.

Families present in the source but NOT reproduced here (to keep this section a selection section, not a reprint): MCK500 (3,000 kg, 2:1), the MCK200S rear-handwheel variant (treated as a variant note under MCK200, not a separate family), the MONA small-machine series (MONA150 / 150A / 150B / 180 / 200 / 200A / 200D / 320 / 320A / 320B / 320F / 400 / 450 / 520A / 560) and the MCB belt-machine series (MCB100 / 200 / 300 and following). They remain available in the source document.

MCK100 — SMALL GEARLESS MACHINE

Manufacturer: Mona Drive (Suzhou Mona Drive Equipment Co., Ltd.) | Small passenger duties: 320–1,000 kg, 1:1 and 2:1 suspension.



MCK100 product photo cropped from the supplied spread image (PDF p. 2, catalogue p. 3). Aspect preserved; no stretching. The crop is a region of the scanned spread, not a separately embedded product object (see manifest).

KEY DATA

Rated load: 320 / 450 / 630 / 800 / 1,000 kg (2:1); 400 / 450 kg (1:1)

Speed: 1.0 / 1.6 m/s (2:1 tabulated); introduction range 1.0–1.6 m/s

Suspension: 1:1 / 2:1

Sheave (pitch dia.): Ø320 mm (main) · Ø400 mm (630 / 800 kg “B” variants)

Rope groove (2:1, Ø320): 320 kg: 3×Ø8×12 · 450 kg: 4×Ø8×12 · 630 kg: 5×Ø8×12 · 800 kg: 6×Ø8×12 · 1,000 kg: 7×Ø8×12

Poles / duty / rating: 24 · S5-40% / 240 starts per hour · Ins. class F · IP41

Brake: EMK7K — DC110 V / 2×1.3 A (standard); DC207 V / 2×0.8 A (optional)

Max. static load / weight: 3,000 kg / 220 kg (max.)

Length L / L1 / L2 (mm, 2:1 Ø320): 320 / 450 kg: 225 / 52 / 163 · 630 kg: 235 / 57 / 163 · 800 kg: 245 / 61 / 163 · 1,000 kg: 295 / 66 / 204

SELECTION TABLE — AS PRINTED IN THE SUPPLIED SOURCE

Variant (2:1, Ø320)	Load (kg)	Speed (m/s)	Current (A)	Power (kW)	Rated speed (r/min)	Freq. (Hz)	Torque (Nm)
320-1.6	320	1.6	8	3.6	191	38.2	180
450-1.6	450	1.6	11	4.4	191	38.2	220
630-1.6	630	1.6	16	6.2	191	38.2	310
800-1.6	800	1.6	22	8.2	191	38.2	410
1000-1.6	1,000	1.6	26	10.2	191	38.2	510
630-1.6B (Ø400)	630	1.6	16	6.4	153	30.6	400

- Full source set: each 2:1 load at 1.0 and 1.6 m/s, plus the Ø400 “B” variants (630 / 800 kg) and the 1:1 set (450 kg at Ø320, 400 kg at Ø400).

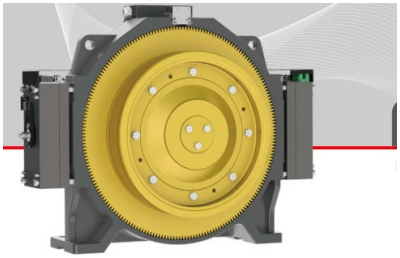
- Source notes: traction machine also suitable for MRL; front handwheel optional (traction sheave Ø320 mm).

Final selection is subject to project confirmation. Verify load, speed, suspension, sheave, shaft and controller compatibility for the specific project before ordering.

Source: Mona Drive 2026 Selection Guide, MCK100 spread, catalogue pp. 3–4 (PDF p. 2).

MCK200 — MID-RANGE GEARLESS MACHINE

Manufacturer: Mona Drive (Suzhou Mona Drive Equipment Co., Ltd.) | Mid passenger duties: 630–1,250 kg, to 2.5 m/s.



MCK200 product photo cropped from the supplied spread image (PDF p. 3, catalogue p. 5). Aspect preserved; no stretching (see manifest note on crops).

KEY DATA

Rated load (2:1): 630 / 800 / 1,000 / 1,150 / 1,250 kg

Speed: 1.0 / 1.6 / 1.75 / 2.0 / 2.5 m/s (by variant)

Suspension: 1:1 / 2:1

Sheave (pitch dia.): Ø400 mm (main) · Ø450 mm (“B” variants)

Rope groove (2:1, Ø400): 630 kg: 4×Ø10×15 · 800 kg: 5×Ø10×15 · 1,000 kg: 5×Ø10×15 · 1,150 / 1,250 kg: 6×Ø10×15 (2.5 m/s rows: 6 grooves)

Poles / duty / rating: 32 · S5-40% / 240 starts per hour · Ins. class F · IP41

Brake: EMK9K — DC110 V / 2×1.3 A (standard); DC207 V / 2×0.8 A (optional)

Max. static load / weight: 3,500 kg / 290 kg (max.)

Length L / L1 (mm, 2:1 Ø400): 630–1,250 kg at 1.0–2.0 m/s: 260 / 69.5 (272 / 75.5 on the 2.5 m/s rows as printed)

SELECTION TABLE — AS PRINTED IN THE SUPPLIED SOURCE

Variant (2:1, Ø400)	Load (kg)	Speed (m/s)	Current (A)	Power (kW)	Rated speed (r/min)	Freq. (Hz)	Torque (Nm)
630-1.6	630	1.6	16	6.7	153	40.8	420
800-1.6	800	1.6	20	8.3	153	40.8	520
1000-1.6A	1,000	1.6	26	10.4	153	40.8	650
1150-1.6A	1,150	1.6	29	12.0	153	40.8	750
1250-1.6	1,250	1.6	30	12.8	153	40.8	800
1000-2.5A	1,000	2.5	34	16.3	239	63.7	650

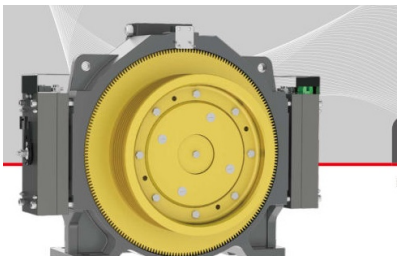
- The 1.6 m/s row is shown for every 2:1 Ø400 load; the full source set covers 1.0–2.5 m/s, the Ø450 “B” variants (torque 730 Nm at 1,000 kg and 800 Nm at 1,150 kg) and the 1:1 set (400–630 kg).
- Variant note — MCK200S (PDF p. 4; folio 9–10 in its own section): the same MCK200 family with a rear handwheel, tabulated at 2:1 only, 630–1,150 kg, Ø400/Ø450 mm, max. static load 3,000 kg, weight 252 kg, brake EMK9K. It is a configuration variant, not a separate family, so it is not given its own family page.

Final selection is subject to project confirmation. Verify load, speed, suspension, sheave, shaft and controller compatibility for the specific project before ordering.

Source: Mona Drive 2026 Selection Guide, MCK200 spread, catalogue pp. 5–6 (PDF p. 3); MCK200S variant pp. 9–10 (PDF p. 4).

MCK300 — HEAVIER MID-RANGE MACHINE

Manufacturer: Mona Drive (Suzhou Mona Drive Equipment Co., Ltd.) | Heavier mid duties: 1,250–1,600 kg, to 2.5 m/s.



MCK300 product photo cropped from the supplied spread image (PDF p. 5, catalogue p. 7). Aspect preserved; no stretching (see manifest note on crops).

KEY DATA

Rated load (2:1): 1,250 / 1,350 / 1,600 kg

Speed: 1.0 / 1.6 / 2.0 / 2.5 m/s (by variant)

Suspension: 1:1 / 2:1

Sheave (pitch dia.): Ø400 mm (main) · Ø450 mm (“B”) · Ø520 mm (1,000 kg 2:1 rows)

Rope groove (2:1, Ø400): 1,250 kg: 6×Ø10×15 · 1,350 kg: 7×Ø10×15 · 1,600 kg: 7×Ø10×15 (8× at 2.5 m/s)

Poles / duty / rating: 32 · S5-40% / 240 starts per hour · Ins. class F · IP41

Brake: EMK12K — DC110 V / 2×1.6 A (standard); DC207 V / 2×1.3 A (optional)

Max. static load / weight: 6,000 kg / 450 kg (max.)

Dimension drawing (front view): ≈840 mm wide × 748 mm high as printed; foot and centre dimensions on the source drawing — confirm at order stage

SELECTION TABLE — AS PRINTED IN THE SUPPLIED SOURCE

Variant (2:1, Ø400)	Load (kg)	Speed (m/s)	Current (A)	Power (kW)	Rated speed (r/min)	Freq. (Hz)	Torque (Nm)
1250-1.6	1,250	1.6	30	12.8	153	40.8	800
1350-1.6	1,350	1.6	35	13.8	153	40.8	860
1600-1.6	1,600	1.6	40	16.7	153	40.8	1,040
1600-2.5	1,600	2.5	55	26.0	239	63.7	1,040
1600-1.6B (Ø450)	1,600	1.6	40	16.7	136	36.3	1,170
1000-1.6 (Ø520)	1,000	1.6	26	10.3	118	31.5	830

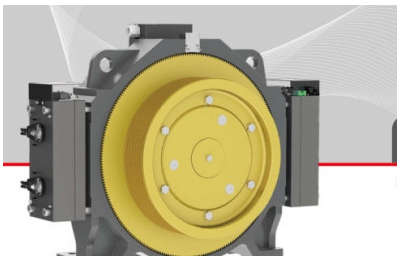
- Source note on the Ø520 rows: “Rated torque > 1,150 Nm, traction sheave 520 mm, only rear handwheel available” (as printed for the related high-torque note) — the Ø520 1,000 kg rows themselves are tabulated at 830 Nm, so the note is reproduced here only as a source note, not as a specification for those rows.
- The 1:1 set (630 / 800 kg at Ø400/Ø450, plus 800 kg at Ø520) is tabulated in the source and not repeated in full here.

Final selection is subject to project confirmation. Verify load, speed, suspension, sheave, shaft and controller compatibility for the specific project before ordering.

Source: Mona Drive 2026 Selection Guide, MCK300 spread, catalogue pp. 7–8 (PDF p. 5).

MCK450 — HEAVY-DUTY GEARLESS MACHINE

Manufacturer: Mona Drive (Suzhou Mona Drive Equipment Co., Ltd.) | Heavy duties: 1,600–2,500 kg, to 2.5 m/s — the largest MCK family in this section.



MCK450 product photo cropped from the supplied spread image (PDF p. 6, catalogue p. 9). Aspect preserved; no stretching (see manifest note on crops).

KEY DATA

Rated load (2:1): 1,600 / 2,000 / 2,500 kg

Speed: 1.0 / 1.6 / 2.0 / 2.5 m/s

Suspension: 1:1 / 2:1

Sheave (pitch dia.): Ø450 mm (main) · Ø480 mm (“B” variants)

Rope groove (2:1, Ø450): 1,600 kg: 7×Ø10×15 (8× at 1.6–2.5 m/s) · 2,000 / 2,500 kg: 9×Ø10×15

Poles / duty / rating: 40 · S5-40% / 240 starts per hour · Ins. class F · IP41

Brake: EMK18K — DC110 V / 2×2.6 A (standard); DC207 V / 2×1.85 A (optional)

Max. static load / weight: 7,500 kg / 530 kg (max.)

Dimension drawing (front view): ≈1,010 mm wide × 940 mm high as printed; confirm all mounting dimensions from the source drawing at order stage

SELECTION TABLE — AS PRINTED IN THE SUPPLIED SOURCE

Variant (2:1, Ø450)	Load (kg)	Speed (m/s)	Current (A)	Power (kW)	Rated speed (r/min)	Freq. (Hz)	Torque (Nm)
1600-1.6	1,600	1.6	42	16.7	136	45.3	1,170
2000-1.6	2,000	1.6	51	20.8	136	45.3	1,460
2500-1.6	2,500	1.6	66	26.1	136	45.3	1,830
2500-1.0	2,500	1.0	38	16.3	85	28.3	1,830
2500-1.6B (Ø480)	2,500	1.6	66	24.3	127	42.3	1,950
1600-1.6B (Ø480)	1,600	1.6	42	16.6	127	42.3	1,250

- Note the 40-pole motor and the 530 kg machine weight: support, handling and controller-current provisions for MCK450 differ materially from the smaller MCK frames — confirm with the project requirements.
- The 1:1 set (800–1,250 kg at Ø450/Ø480) is tabulated in the source and not repeated in full here.

Final selection is subject to project confirmation. Verify load, speed, suspension, sheave, shaft and controller compatibility for the specific project before ordering.

Source: Mona Drive 2026 Selection Guide, MCK450 spread, catalogue pp. 9–10 (PDF p. 6).

3 · FUJI DRIVE — GEARLESS TRACTION MACHINES

Manufacturer: FUJI Drive (www.fujidrive.com, as printed in the source file). Gearless traction machines from the supplied FUJI Drive selection document. Three families are reproduced here, chosen because they are genuinely distinct in the source: two mid-size Ø325 / Ø400 families and one small-sheave Ø160 family for low-speed, small-load duties.

READER NOTE — VALUES THAT COINCIDE WITH THE TORIN SOURCE

The FDR320A and FDR400A selection values in the FUJI Drive file coincide numerically with the GTW7A and GTW9S values in the Torin Drive catalogue (same loads, speeds, currents, torques and powers), and the product photos are of the same machine style. This section reproduces each family exactly as its own source file prints it, under its own manufacturer name, and does not assert that the two ranges are physically distinct products. The coordinator should confirm with the suppliers whether these are shared / OEM machines before the two ranges are quoted side by side.

Family	Max. static load	Brake (DC110 V)	Distinguishing feature
FDR320A	2,000 kg	2×0.84 A (2×1.46 A)	Ø325 sheave; 320–630 kg
FDR400A	3,000 kg	2×1.28 A	Ø400 sheave; 630–1,150 kg; to 2.0 m/s
FD160C	2,500 kg	1.53 A	Ø160 sheave; 0.4–1.0 m/s; compact drum machine

Machine weight is not stated on the FUJI Drive spreads reproduced here, so it is marked “Not specified in the supplied source” on each FUJI Drive family page.

FDR320A (2:1) — GEARLESS TRACTION MACHINE

Manufacturer: FUJI Drive | Small passenger duties: 320–630 kg at 2:1 suspension.



FDR320A product image, extracted losslessly from FUJI Drive source p. 2 (PDF p. 2). Shown at original aspect ratio; not stretched.

KEY DATA

Rated load: 320 / 450 / 550 / 630 kg

Speed (tabulated): 1.0 / 1.5 / 1.6 / 1.75 m/s

Suspension: 2:1

Sheave: Ø325 mm for all variants

Rope groove: 320 kg: 3×Ø8×12 · 450 kg: 4×Ø8×12 · 550 / 630 kg: 5×Ø8×12

Pole pairs / rating: 32 · Ins. class F · IP41

Brake: DC110 V, 2×0.84 A (2×1.46 A)

Max. static load / weight: 2,000 kg / Not specified in the supplied source

Overall dimensions: Not specified in the supplied source as a legible dimension table on this spread; confirm at order stage.

SELECTION TABLE — AS PRINTED IN THE SUPPLIED SOURCE

Variant	Load (kg)	Speed (m/s)	Current (A)	Torque (Nm)	Rated speed (rpm)	Freq. (Hz)	Power (kW)
FDR320A-0320.160	320	1.6	9.4	200	189	50.4	4.0
FDR320A-0450.160	450	1.6	13.7	265	189	50.4	5.2
FDR320A-0550.160	550	1.6	14.3	290	189	50.4	5.7
FDR320A-0630.160	630	1.6	16.0	325	189	50.4	6.4
FDR320A-0630.100	630	1.0	9.6	325	118	31.5	4.0
FDR320A-0630.175	630	1.75	16.0	325	206	54.9	7.0

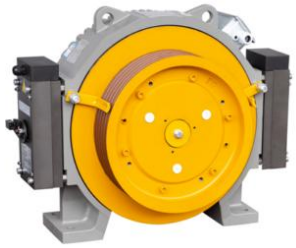
- Full source set: each load at 1.0, 1.5, 1.6 and 1.75 m/s. The source introduction also states a speed range from 0.4 m/s, but no 0.4 m/s rows are tabulated on this spread — only the tabulated speeds are used here.

Final selection is subject to project confirmation. Verify load, speed, suspension, sheave, shaft and controller compatibility for the specific project before ordering.

Source: FUJI Drive selection document, FDR320A spread, source pp. 1–2 (PDF p. 2).

FDR400A (2:1) — GEARLESS TRACTION MACHINE

Manufacturer: FUJI Drive | Mid passenger duties: 630–1,150 kg at 2:1 suspension, to 2.0 m/s.



FDR400A product image, extracted losslessly from FUJI Drive source p. 4 (PDF p. 3). Shown at original aspect ratio; not stretched.

KEY DATA

Rated load: 630 / 800 / 1,000 / 1,150 kg

Speed: 1.0 / 1.5 / 1.6 / 1.75 / 2.0 m/s

Suspension: 2:1

Sheave: Ø400 mm (630 / 800 / 1,000 kg; 1,150 kg Ø400 variants) · Ø340 mm (1,150 kg standard)

Rope groove: 630 kg: 4×Ø10×16 · 800 / 1,000 kg: 5×Ø10×16 · 1,150 kg: 8×Ø8×12 (Ø340) / 6×Ø10×16 (Ø400)

Pole pairs / rating: 32 · Ins. class F · IP41

Brake: DC110 V, 2×1.28 A

Max. static load / weight: 3,000 kg / Not specified in the supplied source

Key dimensions L1–L5 (mm): 630 / 800 / 1,000 kg: 84 / 22 / 172 / 271 / 285 · 1,150 kg (Ø340): 92 / 44 / 192 / 309 / 323

SELECTION TABLE — AS PRINTED IN THE SUPPLIED SOURCE

Variant	Load (kg)	Speed (m/s)	Current (A)	Torque (Nm)	Rated speed (rpm)	Freq. (Hz)	Power (kW)
FDR400A-0630.160	630	1.6	14.9	420	153	40.8	6.7
FDR400A-0800.160	800	1.6	18.8	530	153	40.8	8.5
FDR400A-1000.160	1,000	1.6	22.9	650	153	40.8	10.4
FDR400A-1150.160	1,150 (Ø340)	1.6	26.3	650	180	48.0	12.3
FDR400A-1000.200	1,000	2.0	28.2	650	192	51.2	13.1
FDR400A-1150.200	1,150 (Ø340)	2.0	33.1	650	225	60.0	15.3

- Full source set: each load at 1.0, 1.5, 1.6, 1.75 and 2.0 m/s. The 1,150 kg Ø400 variants (torque 750 Nm in the parallel Torin tabulation) are printed in the FUJI Drive spread without a separate torque split in the extracted rows used here, so only the Ø340 1,150 kg row is tabulated above — confirm the Ø400 1,150 kg variant against the source before quoting.

Final selection is subject to project confirmation. Verify load, speed, suspension, sheave, shaft and controller compatibility for the specific project before ordering.

Source: FUJI Drive selection document, FDR400A spread, source pp. 3–4 (PDF p. 3).

FD160C (2:1) — SMALL-SHEAVE GEARLESS MACHINE

Manufacturer: FUJI Drive | Low-speed, small-load duties: 320–450 kg at 0.4–1.0 m/s, Ø160 mm sheave.



FD160C product image, extracted losslessly from FUJI Drive source p. 5 (PDF p. 4). Original aspect ratio; not stretched.

KEY DATA

Rated load: 320 / 400 / 450 kg

Speed: 0.4 / 0.5 / 0.6 / 1.0 m/s

Suspension: 2:1

Sheave: Ø160 mm

Rope: Ø6 mm; groove distance 12 mm

Pole pairs / rating: 8 · Ins. class F · IP41

Brake: DC110 V / 1.53 A

Max. static load / weight: 2,500 kg / Not specified in the supplied source

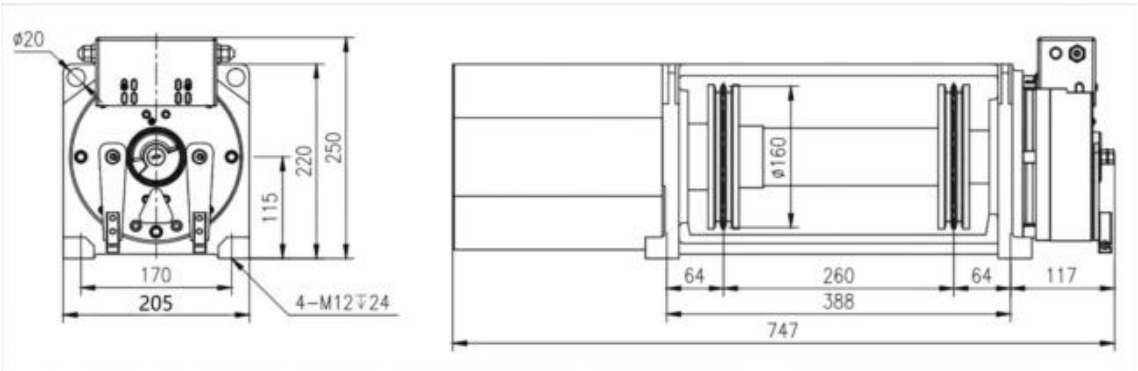
Why it is distinct: The only family in this section with a Ø160 sheave and a sub-1.0 m/s low-speed range — suited to small, slow duties where the Ø325 / Ø400 frames are oversized.

SELECTION TABLE — AT 1.0 M/S (TORQUE AS PRINTED FOR THE FAMILY)

Variant	Load (kg)	Torque (Nm)	Power @1.0 m/s (kW)	Current 380 V / 220 V @1.0 (A)	Freq. (Hz)	Rated speed (rpm)
FD160C-0320.100	320	85	3.0	6.0 / 10.0	31.9	239
FD160C-0400.100	400	107	3.0	7.5 / 12.5	31.9	239
FD160C-0450.100	450	120	3.0	8.0 / 14.0	31.9	239

Low-speed rows are also tabulated in the source (0.4 / 0.5 / 0.6 m/s; power 1.2–1.8 kW across the three loads). Torque is printed once per load in the source table and is shown here as the family torque for that load, not as a speed-specific value.

DIMENSIONAL DRAWING — AS SUPPLIED



FD160C dimension drawing, extracted losslessly from FUJI Drive source p. 6 (PDF p. 4). Overall length 747 mm; body 388 mm; sheave Ø160 mm; height 250 mm; width 205 mm; foot 170 / 205 mm. Read all other dimensions from the drawing itself; do not scale from this reduced reproduction — confirm against the source drawing at order stage.

Final selection is subject to project confirmation. Verify load, speed, suspension, sheave, shaft and controller compatibility for the specific project before ordering.

Source: FUJI Drive selection document, FD160C spread, source pp. 5–6 (PDF p. 4).

SELECTION NOTES & SOURCE INDEX

- Start from duty load and speed, then check suspension and sheave: a Ø160 machine (FD160C) cannot be substituted for a Ø400 duty on load alone, and a 2.5 m/s duty in this section is served only by GTW9A (800 / 1,000 kg, 2:1).
- Rope, brake and static-load values must be carried into the project specification together — a machine selected on power alone may fail on static load or brake current.
- For machine-room-less installations, confirm the brake-release arrangement (see the GTW remark on the Torin opener page) and the controller pairing in the companion Control Systems section.

TRACTION MACHINES — SOURCE INDEX

Every family in this section, and the source file it was taken from.

Family	Source file	Source pages used
Torin GTW7A / GTW9S / GTW9A / GTW5A	Torin_drive_elevator_machine_liftech_Elevators_Pakistan-20250214.pdf (37 pp., 2024 catalogue)	GTW spreads, catalogue pp. 05–12 (PDF pp. 4–8); recommendation chart p. 03
FUJI FDR320A / FDR400A / FD160C	FujiDrive_elevator_machine_liftech_elevators_Pakistan.pdf (12 pp.)	FDR320A pp. 1–2; FDR400A pp. 3–4; FD160C pp. 5–6 (PDF pp. 2–4)
Mona MCK100 / MCK200 / MCK300 / MCK450	MONADRIVE_liftech_under_25MB_1_fd3o.pdf (66 pp., 2026 Selection Guide, image-only scans)	MCK100 cat. pp. 3–4 (PDF p. 2); MCK200 cat. pp. 5–6 (PDF p. 3); MCK300 cat. pp. 7–8 (PDF p. 5); MCK450 cat. pp. 9–10 (PDF p. 6); MCK200S variant (PDF p. 4; folio 9–10 in its own section — see manifest pagination note)

FAMILIES IN THIS SECTION (pp. 80–89)

TORIN DRIVE
GTW7A
GTW9S
GTW9A
GTW5A

MONA DRIVE
MCK100
MCK200
MCK300
MCK450

FUJI DRIVE
FDR320A
FDR400A
FD160C

BEFORE ORDERING

Final selection is subject to project confirmation. Verify load, speed, suspension, sheave, shaft and controller compatibility for the specific project before ordering.

ELEVATOR CONTROL SYSTEMS

Monarch NICE3000^{new} integrated solution — serial technology.

This section presents the **Monarch NICE3000^{new}** integrated elevator control solution by its manufacturer, **Monarch (Inovance)**, exactly as documented in the supplied brochure (EN81-20, "Br_En_Singles_Web_V0.1"). It is not manufactured by Liftech Global, and Liftech Global does not claim to be an authorised, exclusive or certified partner of Monarch / Inovance — no such documentation was supplied. Only features, models and values documented in that brochure are stated here; anything not documented is marked "Not specified in the supplied source".

WHAT THE SYSTEM IS

An integrated solution for elevators up to **4 m/s**, built on **serial (CANbus) technology** with full serial connection between the main control board, car-top board, car-call board and landing displays. The brochure describes it as "EN81-20 Safety Certified" (and, on the system pages, "EN81-20/50 Safety Certified") — that is the manufacturer's brochure claim, reproduced here with attribution; it is not independently verified in this section and project certification must be confirmed for the specific installation.

SYSTEM AT A GLANCE

MAIN CONTROL **NICE3000new**	**CAR-TOP BOARD** **MCTC-CTB-A2-Ver L00**	**CAR-CALL BOARD** **MCTC-CCB-A / -B**
ENCODER CARDS **MCTC-PG-E / -E6 / -F1 / -D / -A2**	**DOOR BRIDGING (OPT.)** **MCTC-SCB-A3**	**LANDING DISPLAYS** **MCTC-HCB / -DCB series**
GROUP CONTROL **Duplex onboard (standard) ·** **MCTC-GCB-A for 3–4 cars**	**REMOTE KEYPAD (OPT.)** **MDKE / MDKE6 / MDKE9**	**DOOR DRIVE** **NICE900 (as shown in diagram)**

Connections as shown in the brochure's General Connection Diagram: CANbus via the main control board; car-call board levels 1–16 on car-call I/O and levels 17–48 on the car-call board path; 22 × 0.75 mm² flat cable and 4 × 0.75 mm² flat cable as labelled in the diagram.

STANDARD FEATURES (AS DOCUMENTED)

- **48 floors, full collective**, full serial connection; **duplex onboard group control** (CANbus serial communication) as a standard built-in function.
- **Supports PM gearless and asynchronous geared traction machines**; "Direct To Floor" technology; smooth ride performance.
- **Rapid commissioning** — step-through sequence (speed, current, DC-bus voltage and related parameters via the remote keypad).
- **Anti-rollback without any external load cell** (gearless machines); **pre-torque function** from an analogue load-cell signal (geared machines).
- **Static auto-tuning** for asynchronous and synchronous machines without brake opening; flexible programmable I/Os.
- **Automatic door control mode**; selectable **fireman operation**; supports single and double automatic doors.
- **UPS rescue:** supports 1-phase 220 Vac UPS (quasi & sine wave) with intelligent light-load direction search.
- Comprehensive trip diagnostics; conformal coating for humidity and dust protection; operation in high ambient temperatures (45 °C average, as printed); wide operating voltage range 323–528 Vac.
- Modes shown in the connection diagram: attendant, independent, fireman, reverse mode, bypass; plus fire-lift switch, lift lock, overload and arrival-annunciator functions.

OPTIONAL / MODEL-DEPENDENT (DO NOT ASSUME AS STANDARD)

- **MCTC-SCB-A3 door bridging board — optional.**

- **Hot-pluggable LED/LCD remote keypad — optional** (MDKE / MDKE6 / MDKE9; MDKE9 multilingual keypad marked “available soon” in the brochure).
- **Apps & PC-Tools software — marked “available soon”** (footnote *1) and compatible with Windows 7/10 (footnote *2) in the brochure.
- **RFI filter and AC line reactor — optional external components** (see controller page).
- **Group control beyond duplex:** the MCTC-GCB-A board coordinates 3–4 elevators (accessory board; duplex itself is standard onboard).

CONTENTS — Controller hardware & ratings · Car-top, car-call, group and monitoring boards · Encoders, keypads & accessories · COP / LOP displays & inspection boxes · Door-control integration · MRL E-Package · Standard vs optional & source index

CONTROLLER HARDWARE — NICE3000^{new} MAIN CONTROL

General specifications as printed (brochure pp. 03/04). Supply: **380–480 Vac, −15% to +10% (323–528 Vac)**. Housings are **IP20 rated and fan cooled**. Output-current note (*4): carrier switching frequency 6 kHz at rated output current, at 150% overload for 60 s and 200% for 2 s. Dynamic braking unit is **built-in** for all models in this table.

Model	Frame	Input (A)	Output (A)	Typ. motor (kW)	H × W × D (mm)	Braking resistor min–max (Ω)	Rec. power (W)
NICE-L-C-4002-EU-TR	C	6.5	5.1	2.2	347 × 223 × 143	230–290	600
NICE-L-C-4003-EU-TR	C	10.5	9.0	3.7	347 × 223 × 143	135–170	1,100
NICE-L-C-4005-EU-TR	C	14.8	13.0	5.5	347 × 223 × 143	90–115	1,600
NICE-L-C-4007-EU-TR	D	20.5	18.0	7.5	347 × 223 × 174	65–85	2,500
NICE-L-C-4011-EU-TR	D	29.0	27.0	11.0	347 × 223 × 174	43–55	3,500
NICE-L-C-4015-EU-TR	D	36.0	33.0	15.0	347 × 223 × 174	35–43	4,500
NICE-L-C-4018-EU-TR	E	41.0	39.0	18.5	350 × 210 × 188	25–34	5,500
NICE-L-C-4022-EU-TR	E	49.5	48.0	22.0	350 × 210 × 188	22–24	6,500
NICE-L-C-4030-EU-TR	F	62.0	60.0	30.0	400 × 250 × 212	16–20	9,000
NICE-L-C-4037-EU-TR	F	77.0	75.0	37.0	400 × 250 × 212	13–16	11,000

Model-to-frame pairing verified against the rendered brochure table (pp. 03/04), not inferred from text order alone. Power capacity (kVA) in the same brochure table: 4002: 4 · 4003: 5.9 · 4005: 8.9 · 4007: 11 · 4011: 17 · 4015: 21 · 4018: 24 · 4022: 30 · 4030: 40 · 4037: 57 kVA.

OPTIONAL EXTERNAL COMPONENTS

- **RFI filter (optional):** Changzhou Jianli DL-series and Schaffner FN3258-series models are tabulated per controller model in the brochure.
- **AC input reactor (optional, Inovance):** MD-ACL-series models are tabulated per controller model in the brochure.
- Brochure note: in CE countries the recommended RFI filter must be fitted together with screened cables for EMC compliance. Full filter/reactor pairing is in the brochure table (pp. 03/04) and is not re-tabulated here because several cells in that table are merged across models — confirm the exact pairing for the selected model before ordering.

Motor / drive pairing note: controller frame selection must match the traction machine's rated current and power (see the companion Traction Machines section). The brochure does not publish a machine-to-controller cross-reference table, so no such pairing is asserted here — final compatibility/configuration must be confirmed for the specific project.

BOARDS — CAR-TOP, CAR-CALL, GROUP, MONITORING & I/O

Board	Size L × W × D (mm)	Function as documented
MCTC-CTB-A2-Ver L00 — Car Top Board	Not specified in the supplied source	Car-top board shown in the system diagram and connection diagram; CANbus connection via main control board MCTC-CCL; plug & play connections with COP; door-drive feature highlights (see door page).

Board	Size L × W × D (mm)	Function as documented
MCTC-CTB-A — Car top board (horizontal connector)	162 × 125 × 15	1 RS485 · 1 CANbus · 2 parallel interface expansion ports; double-door single-action and simultaneous operation; door nudging; ventilation-fan and lighting control.
MCTC-CTB-B — Car top board (vertical connector)	162 × 125 × 15	1 RS485 · 1 RS232; same car-top functions as MCTC-CTB-A as tabulated in the brochure.
MCTC-CCB-A — Car call board	79 × 158 × 16	24 digital inputs · 20 digital outputs; 16 floor buttons; 8 functional signals (OPEN/CLOSE, door hold, non-stop, attendant, reverse, independent, fireman, arrival chime).
MCTC-CCB-B — Car call board	125 × 160 × 16	39 digital inputs · 35 digital outputs; 31 floor buttons; same 8 functional signals as MCTC-CCB-A.
MCTC-CCL — Connection cable	Length 3 m	DB9 (male to male) straight cable; connects MCTC-CCB-A/B via MCTC-CTB-A/B.
MCTC-GCB-A — Group control board	162 × 125 × 15	1 RS232 · 1 RS485 · 4 CAN ports · 8 digital inputs · 9 relay outputs · 1 analogue (0–10 Vdc); minimum wait time, fuzzy-logic control, password protection, group home-landing setting, peak group service; coordinates 3–4 elevators.
MCTC-MIB-A — Remote monitoring board	104 × 72 × 15	Converts NICE3000new RS232 protocol to RS485 (RTU) for remote devices.
MCTC-SCB-A3 Ver. B00 — Door bridging board (optional)	114 × 72 × 28	4 force-guided relays; facilitates bridging the door safety circuit during re-levelling and/or door opening, including detection of unintended movement of the car (UCM).
MCTC-KZ-G1 Ver. 00 — Expansion I/Os	178 × 88 × 15	10 digital inputs · 10 digital outputs.
MCTC-KZ-AO-S — Modbus decoder gateway	104 × 72 × 18	1 RS485 input · 1 RS485 output; RS485 encode/decode gateway via the NICE3000new main board.
MCTC-HCB-B — Non-display floor call board	70 × 84 × 20	4 digital inputs/outputs; no dot-matrix display; travel UP/DOWN button indicators, overload indicator, double-button control, hall-call input, fire-emergency input, lock input.
MCTC-CHM-B — Arrival annunciator (synthesised voice)	114 × 89 × 39	Bilingual voice; SD-card slot; pre-set standard messages and bespoke passenger announcements via voice synthesiser.

Car-call level split (connection diagram): car-call I/O covers levels 1–16; the car-call board (MCTC-CCB-A) path covers levels 17–48 — consistent with the 48-floor standard limit.

ENCODERS, KEYPADS & ACCESSORIES

ENCODER CARDS (ALL 83 × 55 × 15 MM UNLESS STATED)

Card	Supply / connector	Encoder supported (as documented)
MCTC-PG-E — SinCos encoder card	5 Vdc · female 15-way D-type	SinCos ERN1387; Inovance EI53C9.25 encoders with C, D signals.
MCTC-PG-E6 — SinCos encoder card	5 Vdc · terminal block	SinCos ERN1387; Inovance EI53C9.25 encoders with C, D signals.
MCTC-PG-F1 — SinCos encoder card	5 Vdc · female 15-way D-type	SinCos EnDat 2.0/2.1 — ECN1313 / ECN413 encoders.
MCTC-PG-D — Quadrature incremental encoder card	5 Vdc · female 15-way D-type	High-resolution quadrature incremental encoder (A, A\, B, B\) with UVW commutation signals; also listed as quadrature incremental (A, A\, B, B\, 0 V @ 5 V HTL).
MCTC-PG-A2 — Single-ended incremental encoder card	12 Vdc (card) · terminal block; table also lists 15 Vdc supply for this card family — see note	Single-ended incremental encoder (A, B, 0 V @ 10–30 Vdc); the accessories table lists (A, B, Z @ 10–30 Vdc) for this card. Confirm the exact signal set for the selected encoder.

Note on MCTC-PG-A2 supply: the brochure's system pages state “12 Vdc supply, terminal block” while the accessories table states “15 Vdc supply, terminal block” for the same card designation. Both wordings are recorded here and the discrepancy is flagged in the manifest — confirm against the Monarch datasheet before wiring.

ENCODERS & SENSORS

Item	Key data as documented
Inovance SinCos encoder EI53C9.25-2048-SA5N2T	5 Vdc (±5%); Z-signal amplitude ≥200 mV; DC offset 2.6 V ±20 mV; differential signal 1 Vpp ±0.1 V; no-load current ≤100 mA; frequency response ≤50 kHz; resolution 2,048 PPR. Connects via MCTC-PG-E.
Inovance SinCos shield cable EP-L-P01-7.5	53 × 63 mm; length 0.3 m as printed for the connector assembly; cable length 7.5 m (see manifest note on the two lengths printed).
Incremental encoder (A, B) EI100H30-1024-BR30Y1	Rotating speed ≤5,000 rpm; starting torque 5×10² Nm; axial/radial load 10 N; Ø100 mm; reverse-polarity protection; supply 10–30 Vdc; signal Voh ≥85% Vcc, Vol ≤0.5 V; push-pull current ≤80 mA/ch; frequency response ≤200 kHz; resolution 50–8,192 PPR.
U-type photoelectric switch SGD31-GG-TZ2B2	Detecting distance 31 m as printed (see manifest note); NPN/PNP output; supply 12–30 Vdc; frequency response ≤1 kHz; current consumption ≤60 mA; output current ≤80 mA.
Magnetic sensor MCTC-LDB-A (1306003)	Detecting distance 15–30 mm; supply 20–27 Vdc; output 0–10 Vdc; 72 × 52 × 20 mm, length 2 m.
MCTC-WiFi dongle (01270161)	5 V USB; 60 × 18 × 10 mm; rapid commissioning and maintenance via step-through sequence through smartphone apps.

REMOTE KEYPADS

Keypad	Size (mm)	As documented
MDKE — LED remote keypad (without memory)	116 × 76 × 15	5-digit high-brightness LED display; hot pluggable; without memory.
MDKE6 — LED remote keypad (with memory)	116 × 76 × 27	5-digit high-brightness LED display; hot pluggable; with memory for parameter upload/download.
MDKE9 — LCD remote keypad	123 × 72 × 26.4	Monochrome LCD display; hot pluggable; with memory for parameter upload/download; multilingual — English, Turkish, Italian & Russian; marked “available soon” in the brochure diagram (footnote *3).
MDCAB (01013008) — Extension cable for remote keypad	Length 3 m	RJ45 (male to male) straight cable; connects the LED/LCD hot-pluggable remote keypad via the NICE3000new main board.

All three keypads are described as allowing rapid commissioning and maintenance via the step-through sequence (speed, current, DC-bus voltage, etc.).

COP / LOP DISPLAYS, INSPECTION BOXES & DOOR CONTROL

DISPLAYS — REPRESENTATIVE SERIES (FULL RANGE IN THE BROCHURE)

The brochure tabulates a large display range across two spreads (horizontal and vertical series). The models below are the series headings as printed; dimensions and display types are given where the brochure states them unambiguously. Function dots for scrolling arrow/characters, hall-call I/O, fire-emergency input, elevator lock, hall lantern and text display (INS, OL, FL, FIRE) vary by model — the brochure's per-model dot tables must be checked for the exact model ordered; they are not re-drawn here because the extracted dot alignment cannot be verified model-by-model.

Series / model	Display & size as documented
MCTC-HCB-R1 (red) / R2 (amber) / R4 (red) / R5 (red) — Vertical	5×7 dot-matrix LED; 1–2 programmable illuminated blocks (R5: 2; R1/R2: 1 as tabulated); floor addressing via binary DIP switch (R4/R5); 144 × 70 × 21 / 10 / 9 / 10 mm respectively.
MCTC-HCB-G1 (red) / G2 (amber) / G3 (red) — Horizontal	5×7 dot-matrix LED; 1 programmable illuminated block; sizes 144 × 70 × 21 / 10 mm class (see brochure pp. 07/08).
MCTC-HCB-H (red) / H1 (blue) / H2 (amber)	16×24 dot-matrix LED; buzzer 35–65 dBA adjustable; 1 beep UP, 2 beeps DOWN; direction indicator ≥40 mm; character height 52 mm.
MCTC-HCB-T3 / T6; MCTC-DCB-T070 / T070A / T080 / T097A / T101; MCTC-DCB-08M/10M/12M/15M	TFT/LCD colour displays from 4.3 in (480×272) to 15 in; e.g. T070: 6.4 in LCD; T097A: 7 in TFT 800×480, speaker, 128 MB; T101: 8 in TFT 1,024×768, arrival annunciator, 128 MB; 08M–15M: 8–15 in TFT, up to 8 GB internal memory (15M class as tabulated). Background, arrow and floor number editable through TPPS-MNK / Set-PictureSize software (footnotes *5/*6).
MCTC-HCB-V2 / V3; MCTC-HCB-D2; MCTC-HCB-XG-INT-HX; MCTC-HCB-Q1/Q2; MCTC-HCB-G1/G2-INT-VX	Dot-matrix and TFT variants as tabulated on pp. 07/08, including white-on-blue and white-on-black character versions and a 3.5 in ultra-thin TFT with automatic backlight reduction after >1 min idle (D2 class).

INSPECTION BOXES

Model	Size (mm)	Use & rating as documented
BJ151 — Car top inspection box	230 × 140 × 88	Wall mount; IP53; machine room, car top, shaft pit.
BJ411 / BJ421 / BJ431 — Handheld inspection boxes	270 × 75 × 85 / 220 × 75 × 65 (BJ421/BJ431 as tabulated; see manifest)	Screws, magnet, bracket (optional); IP52 / IP65 / IP65; machine room, car top, shaft pit. Contacts include emergency stop 1 NC, CAM switch 1 NO + 2 NC, UP/DOWN buttons 1 NO each (BJ411: UP/DOWN common button; alarm button 1 NO optional on BJ151).
BJ931 / BJ932 — Audible warning boxes	75 × 75 × 61	Car bottom; IP5X; 50/60 Hz; 24/120/240/380 Vac; BJ931: 10 A, alarm 1 NO, buzzer 65 dBA; BJ932: ≤25 mA, flashing warning light.
BJ941 — Bypass switch box	75 × 75 × 61	Shaft pit; IP65; bypass 1 NO contact; 10 A.
BJ372 — Emergency stop box	75 × 75 × 61	Machine room, car top, shaft pit; IP65; emergency stop 1 NC; 10 A.

All inspection-box enclosures are ABS, fireproof UL94 V0 (brochure note). Operating temperature −20 to +55 °C (no icing) for most boxes (BJ421 class: −25 to +70 °C); storage −45 to +80 °C (−40 to +80 °C for the BJ421 class). Rated insulation voltage 50–380 Vac (warning/bypass/stop boxes) and 600 Vac (inspection boxes).

DOOR-CONTROL INTEGRATION

- **NICE900 Door Drive** is shown in the connection diagram as the door drive paired with the system (PM gearless / induction geared motor paths are both shown).
- Door-drive feature highlights as printed: kinetic-energy limitation; door nudging — the brochure states a “150 Nm force limit (10 Joules)” (unit as printed; see manifest note); nudging output for EN81-20.
- Display/door highlights: hall lantern; 1 audible beep UP, 2 beeps DOWN; buzzer adjustable 35–65 dBA; direction indicator ≥40 mm.
- Supports **single & double automatic doors**; door control via the car-top board (double-door single-action and simultaneous operation); open / close / hold-door functions; motor thermostat input.
- Door bridging during re-levelling / door opening is via the optional MCTC-SCB-A3 board, including UCM detection (see boards page).

MRL E-PACKAGE, STANDARD VS OPTIONAL & SOURCE INDEX

The brochure's “MRL E-Package” diagram lists the following as the package scope (no single package part number is printed): contactorless MRL cabinet; NICE Series EN81-20 MRL operating panel; landing-floor push button; inspection box; hall lantern; COP; display; complete door system (EN81-20/50, E120/EI120); cable assembly & cable harness; LOP; door controller (EN81-20 compliant); door nudging.

Feature / item	Status in the supplied source
48 floors, full collective, full serial, duplex group control	STANDARD — built-in
PM gearless + asynchronous geared support; Direct To Floor	STANDARD — as documented
Automatic door control; fireman operation (selectable)	STANDARD — as documented
UPS rescue (1-ph 220 Vac, quasi & sine wave)	STANDARD — as documented
MCTC-SCB-A3 door bridging board	OPTIONAL
Hot-pluggable remote keypad (MDKE/MDKE6/MDKE9)	OPTIONAL; MDKE9 marked “available soon”
Apps & PC-Tools software	Marked “available soon” (Win 7/10)
RFI filter / AC line reactor	OPTIONAL external components
MCTC-GCB-A (3–4 elevator group control)	ACCESSORY board (duplex itself is standard)
Machine-to-controller pairing table	NOT PUBLISHED in the supplied source — confirm per project

FINAL COMPATIBILITY & CONFIGURATION — MUST BE CONFIRMED PER PROJECT

Final compatibility and configuration must be confirmed for the specific project: traction-machine type and encoder, controller frame and braking resistor, car-top / car-call board variant, display model and its function set, door-drive pairing, floor count (48 maximum as documented), group-control size, and the availability status of items marked “available soon” or “optional” in the brochure. Nothing in this section guarantees that any particular combination is available or certified for a given installation.



Freight Elevator

LGE-FRT-0005

In the logistics field, the freight elevator is developed in order to satisfy goods transport requirements in factory, warehouse, shopping center, supermarket, airport, bus station etc. Loading ranges from 1000kg to 5000kg.

Over the years, it lays technical and manufacture advantages of 'energy-saving, safe, constant, accurate'. It fulfills efficient and human-centered services for vast users.

Multiple available door-opening modes



Side door



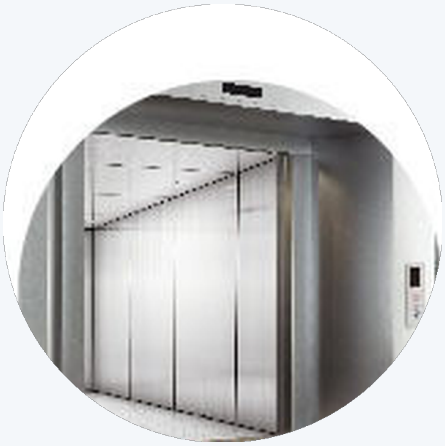
Middle split double fold door



Middle split three fold door

Freight Elevator

LGE-FRT-0005



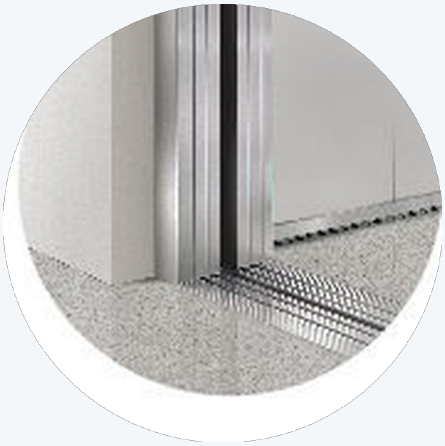
Firm and durable elevator car

It ensures firm and durable elevator car through high strength plate bearing & forming technology. In addition, optionally specially-designed anti-collision guard-rail executes multi-protections to elevator car.



Large opening distance

It applies multi-folded hoist-way door and car door. It fulfills maximum opening width. It is convenient for entry / exit of large goods.



Highly accurate leveling

Leveling accuracy can be controlled within mm-level range.



LGE-FRT-0001

Ceiling: Paint steel
Illumination: Energy-saving light
Floor: Checkered plate

Car wall/Car Door: Paint steel
Door opening mode: Side opening



LGE-FRT-0002

Ceiling: Hairline stainless steel
Illumination: Energy-saving light
Floor: Checkered plate

Car wall/Car Door: Hairline stainless steel
Door opening mode: Center-opening & double folded type

Freight Elevator Car Decoration

Landing door



Middle fraction



Center-opening & double-folded



Side open

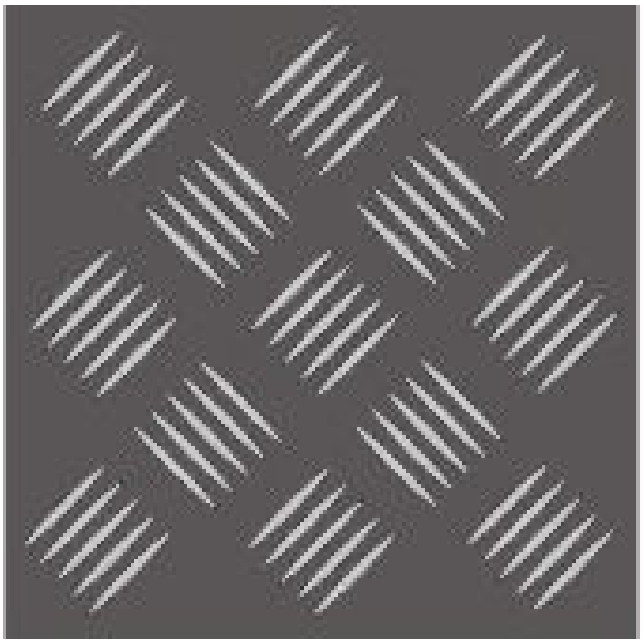


Three-eclectic fraction

Floor



Ordinary checkered steel plate



Ordinary checkered aluminum plate

Freight elevator car decoration (pp. 99–101).

Dumbwaiter Elevator

Flexible Space, Harmonious Transport

The dumbwaiter elevator is small, exquisite and flexible with simple structure. It can easily combine with the building. It offers the prompt, convenient, economical, practical small goods vertical transport service for hotel, restaurant, bank, residence, hospital, library etc.





Classification of dumbwaiter elevator





LGE-DUM-0001

Windows Type



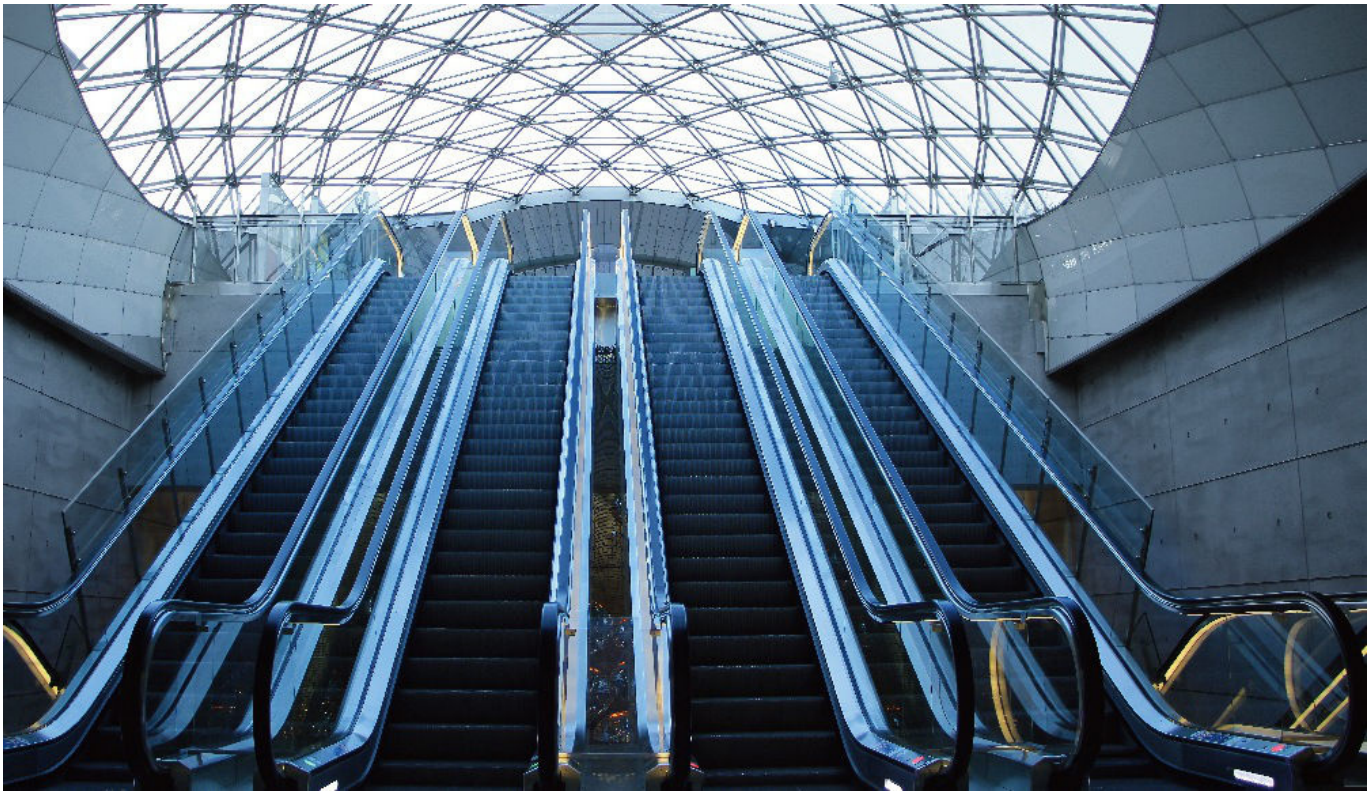


LGE-DUM-0002

Floor Type

Escalator

LGE-ESC-0001

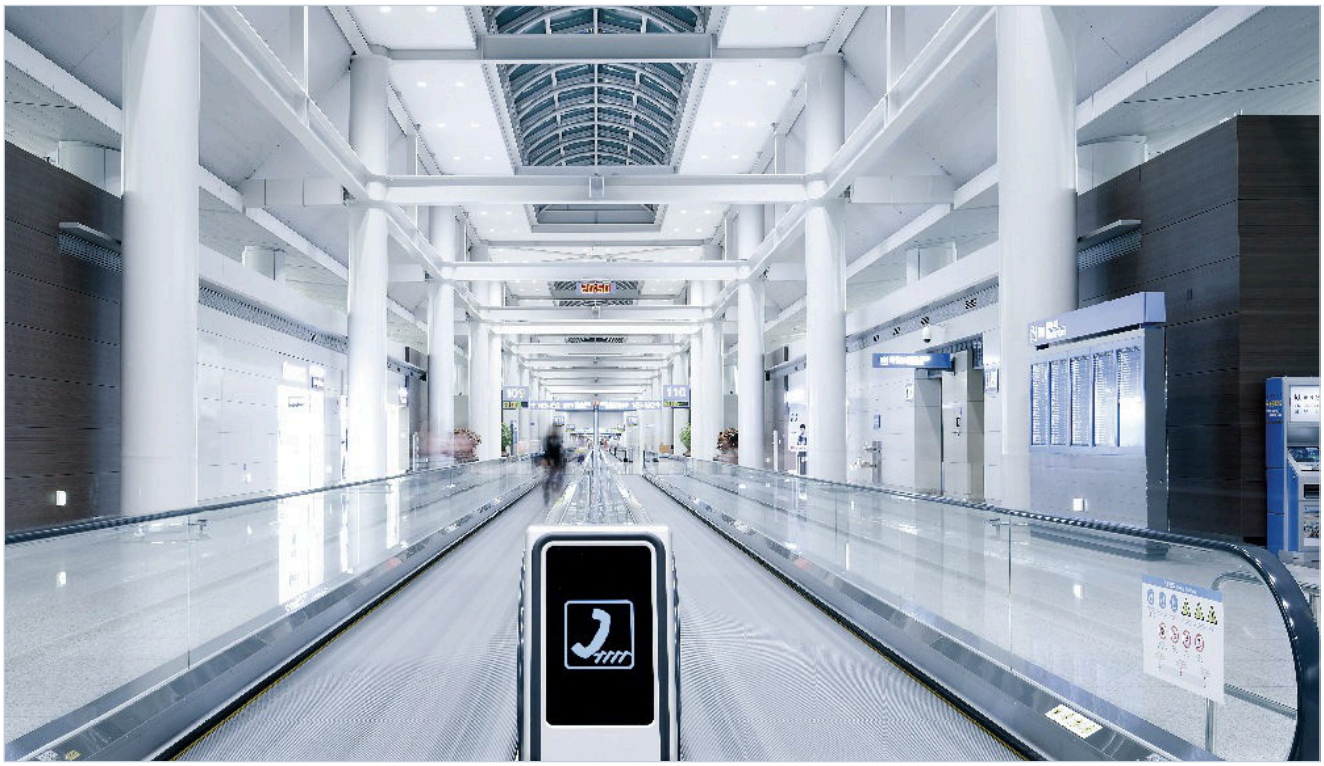


Escalator

The escalator applies the advanced technology, design concept for manufacture in the world. It features as smooth running, low noise, durable, convenient repair etc. It grants you to appreciate the outstanding charm and deluxe manner of modern buildings by fine and exquisite structure, consummate elevator path, delicate belt, deluxe and attractive outline. It provides the passengers with a bright, comfortable, brand-new feeling.

Smooth delivery

It applies the advanced international technology and combines with top-class design concept. It produces durable escalators with smooth operation and low noise. It brings about the brand-new travel experience by fine and exquisite structure, consummate stairway, delicate belt, attractive and charming outline.



Moving Walk

LGE-MWK-0001

Moving walk

The moving walk is low in noise, smooth in operation, durable in use, convenient in repair. It always performs very well in the aspects of safety and quality. As a high quality transport product, the moving walk satisfies the clients' various requirements to the greatest extent. Safe, comfortable and attractive moving walk lets you enjoy the most relaxing and pleasant moments in outing and shopping.

Top technology founds the perfect quality

The maximum length of the designed inclined sidewalk is 43 meters, the maximum length of the designed horizontal sidewalk is up to 100 meters, and can personalized design according to customer requirements. The use of advanced technology is according with ergonomic design, so that the function of the sidewalk and the performance can be perfect.

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