

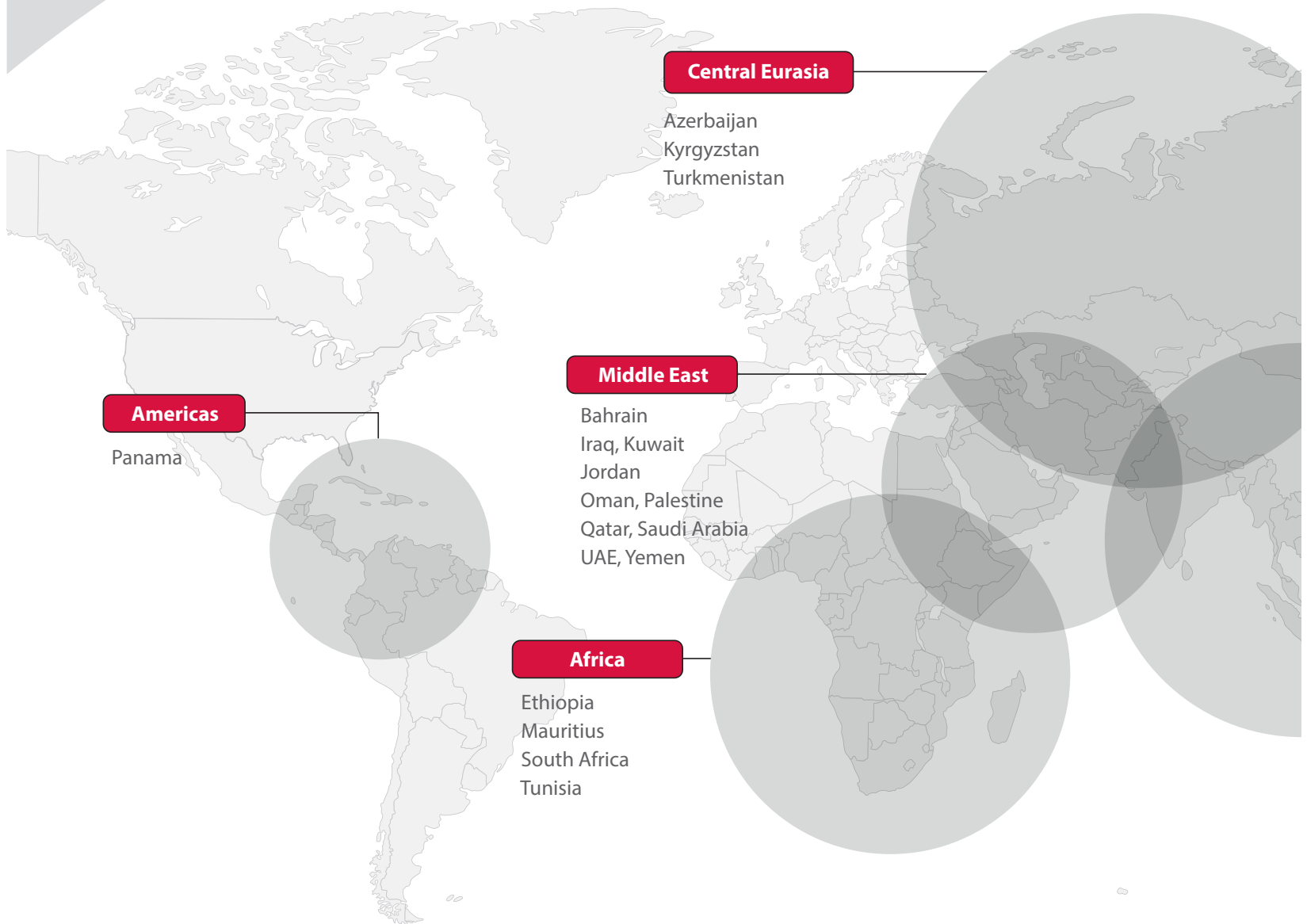


The new pinnacle of **your** elevator

Reaching new heights
<http://sigmaelevators.com>



SIGMA GLOBAL NETWORK



Sigma has been a
global elevator company
since 1978



BTI Condominium
Bangladesh



LG Beijing Tower
China



Grand Hyatt Hotel
Indonesia



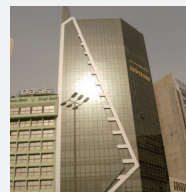
Dania City
Iraq



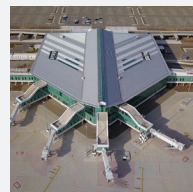
Mirran City
Iraq



Emerald Tower
Kazakhstan



Darwaza Tower
Kuwait



Chinggis Khaan
International Airport
Mongolia



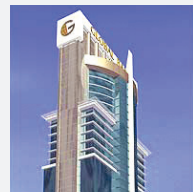
Shangri La Hotel
Mongolia



Hotel Yangon
Myanmar



CB Bank Building
Myanmar



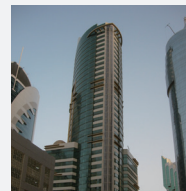
Torre Global Bank
Panama



Ocean Two
Panama



Sheraton Hotel
Puerto Rico



Al Rames Tower
Qatar



Baiyoke Tower
Thailand



Khalid Al Attar Tower
UAE



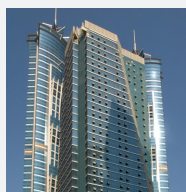
Juma Al Majid Tower
UAE



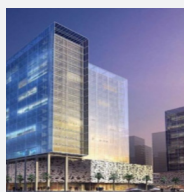
Armada Tower
UAE



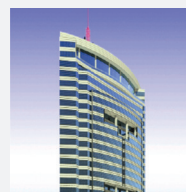
Burj Nahar - Shopping
Mall & Residences
UAE



The Court Tower
UAE



Tamami Arts Center
UAE



Plaza La Castellana
Venezuela



Eurowindow River Park
Vietnam

Subsidiary

Hong Kong
Singapore
Malaysia
Thailand

Asia

Bangladesh
Brunei
Indonesia
Mongolia
Myanmar
Pakistan
Sri Lanka
Vietnam



ISO 9001
Certificate



ISO 14001
Certificate



ISO 50001
Certificate

TOP-CLASS FACTORY

High tech factory with international accreditation enhances the competitiveness of the Sigma brand in the world.

ACRA™ 2.0 & SOLON® 2.0 & MUSE™ 2.0



Global engineered

The world's best engineers develop robust and optimized products through stringent quality verification system.

Qualified technology & products

Uniform and safe product supply according to Sigma's product development and proven parts supply process.

Korea flavored aesthetics

Providing trendy and practical products in collaboration with Korea Design Center.

Service excellence

Service excellence is beyond what we provide. It is how we think and act. It is not just "fixing a problem" or performing routine maintenance, but to provide prompt responses to every requests and passion for continuous improvement.

Reliability & Quality

Reliability and safety have been Sigma's foremost concerns. We are constantly pursuing to develop safer and reliable technologies for new products.



Machine room-less

Whether helping busy commuters get to work or delighting people as they shop, your building should be a unique experience for anyone who steps inside. Machine room-less elevator has the style, comfort and speed needed to ensure passengers experience your building to the fullest. With space-saving architectural features that maximize design freedom, this elevator system helps your building stand out.

SOLON® 2.0

SOLON® 2.0 is an innovative roped type machine room-less mid-rise elevator with a highly efficient and compact PMSM (Permanent Magnet Synchronous Motor) gearless traction machine.

MUSE™ 2.0

The MUSE™2.0 elevators deliver exceptional performance in a space-saving design. Coated steel belts have a significantly smaller bending radius than wire rope. This engineering breakthrough paved the way for other innovations: our ultra-compact permanent magnet gearless machine is 80% smaller and more efficient than conventional geared machines.





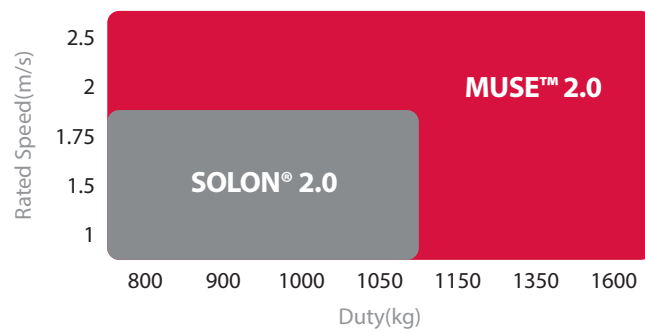
Traction Machine
Ultra-compact
permanent magnet
gearless machine



Control System
Silent operation with
non-interference with other
electromagnetic devices



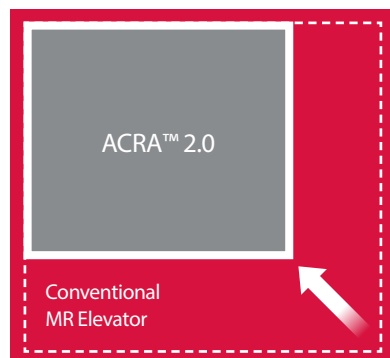
Solon & Muse introduction History



Machine Room

COMPACT MACHINE ROOM CONFIGURATION

The ACRA™ 2.0 elevator can be configured in a compact design that takes up no additional space beyond the hoistway, which not only reduces construction costs but also optimizes the use of rooftop area.



⊕ COMPACT DESIGN

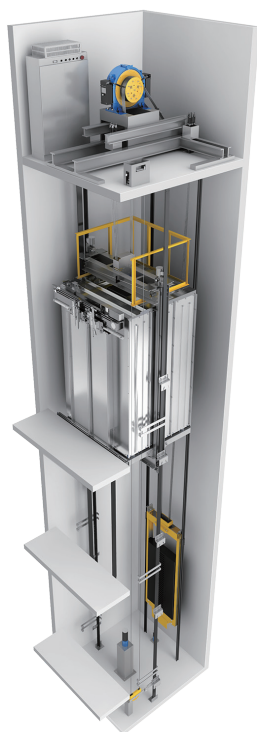
Mini machine room technology eliminates machine room space and cost for greater architectural design freedom.

⊕ MAXIMIZED SPACE SAVINGS

Compact PMSM allows a smaller machine sheave, reducing machine size and raising efficiency.

ACRA™ 2.0

ACRA™ 2.0 is a machine room type elevator and it is most popular amongst Sigma products.



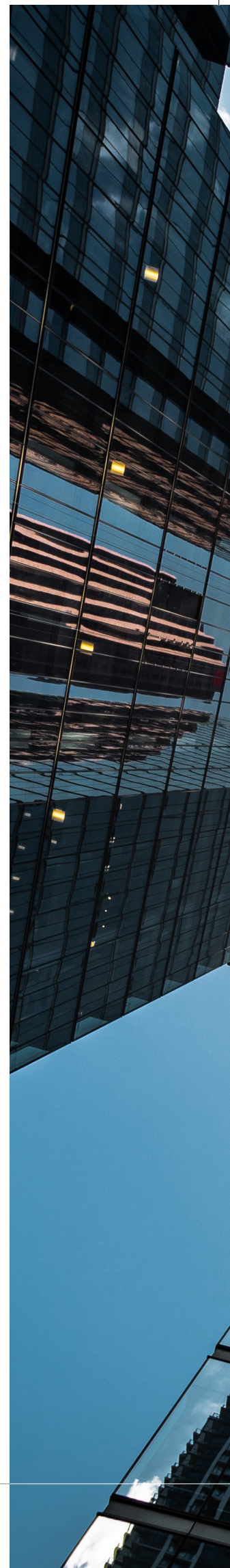
Compact PMSM



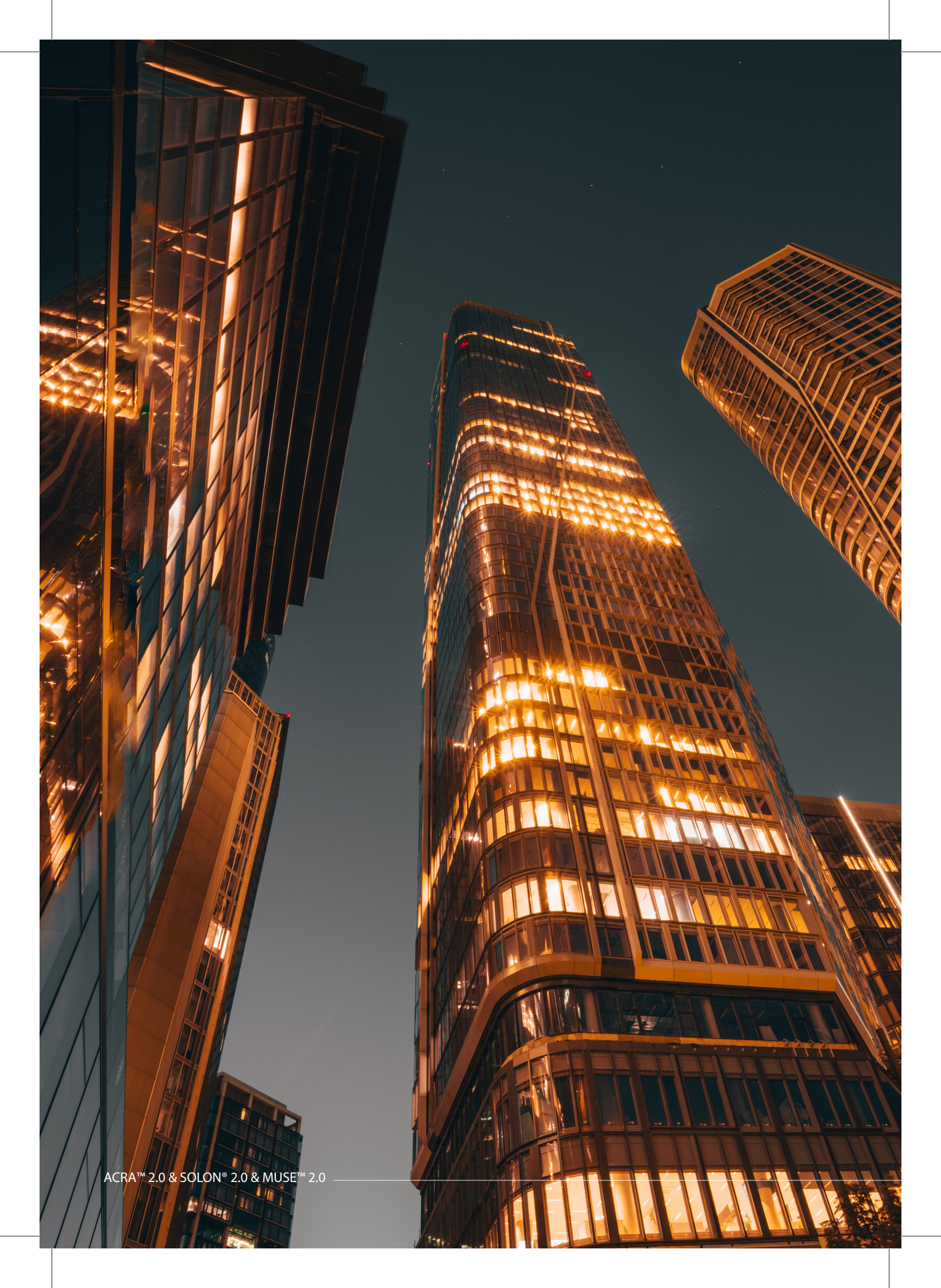
Control System



Our globally designed and manufactured product offers lower vibration and better ride quality, ensuring an efficient and reliable performance. It is certified for both Unintended Car Movement Protection (UCMP) and Ascending Car Overspeed Protection (ACOP), providing enhanced safety measures. Additionally, it boasts more reliable and superior EMC performance, alongside reduced brake noise for a quieter operation.







ACRA™ 2.0 & SOLON® 2.0 & MUSE™ 2.0

Ultra-compact Permanent Magnet Gearless Machine

No oil, less vibration



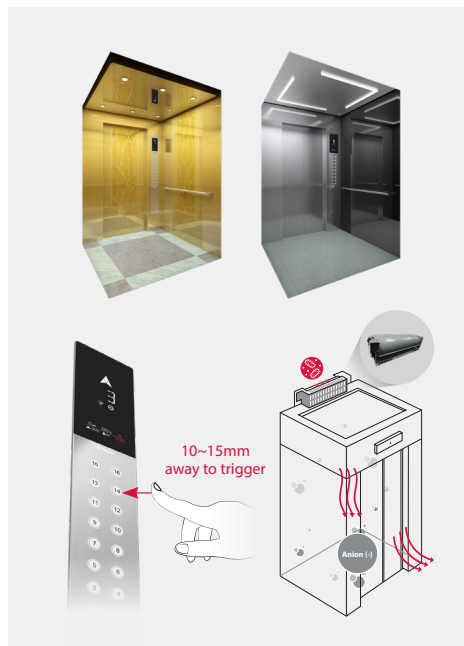
Controller Regenerative Drive System

Standard for MUSE™2.0



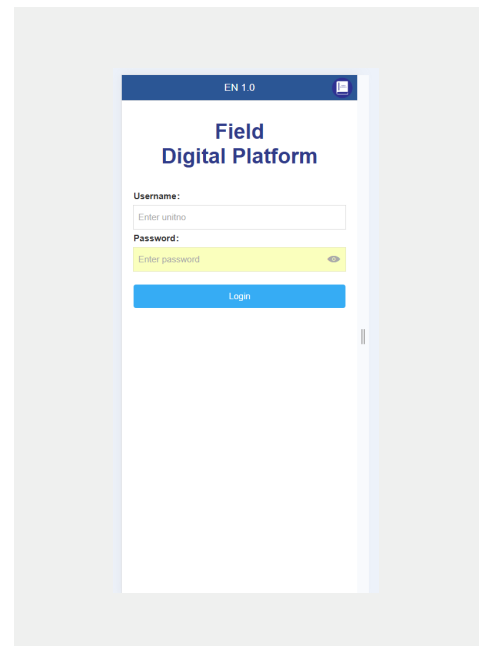
Wide range of Finishes & Well-being

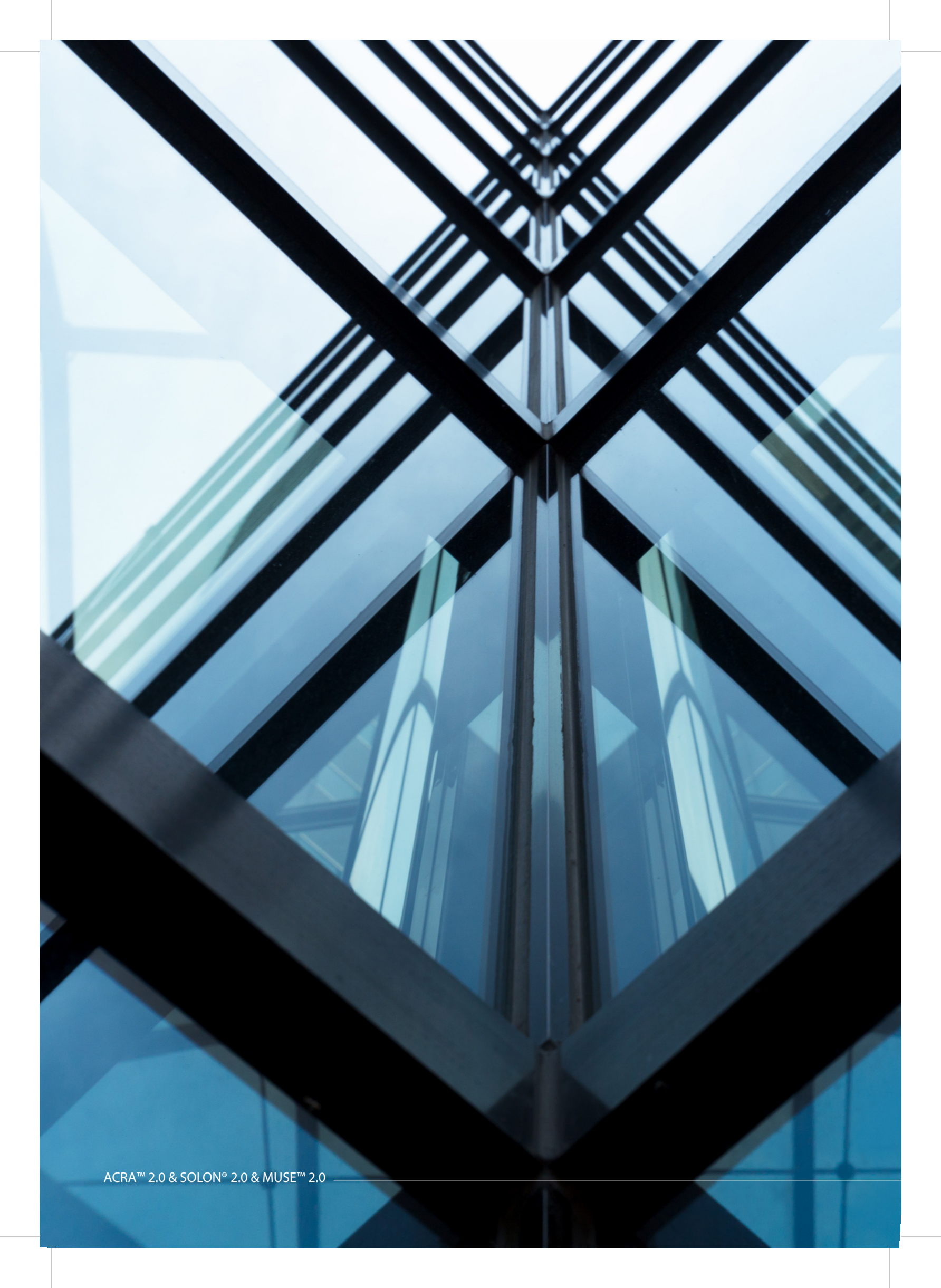
Innovative interface which fits the
customers hygienic needs



Simple Installation and Maintenance

Digital tool for installation





ACRA™ 2.0 & SOLON® 2.0 & MUSE™ 2.0

Main Safety Components



Safety gear

Sigma Standard
24 times of System Braking

EN81 Standard
3 times of System Braking



Overspeed governor

Sigma Standard
12 times of
Dynamic Activation

EN81 Standard
3 times of
Dynamic Activation



Buffer

Sigma Standard
100 times of Impact Test

EN81 Standard
2 times of Impact Test

Space

The compact machine room provides architects with greater design flexibility and building owners with more rentable space.

Comfort

Our systems minimize noise and vibration and render the elevator's movement barely perceptible, giving passengers what they're looking for – a quiet, comfortable ride. The elevator's sleek modern design enhances the experience while complementing your building's interior.

Form and function in perfect harmony

For the people who live and work in your building, the elevator isn't just a means of transportation. It's a place where they spend important moments of their day. The Sigma's interior helps enrich these moments with pleasing lines and textures, mirrored surfaces, soft LED lighting and floors tiled in marble and other durable materials.



Car Design

Classic

The Classic type is a timeless design that offers reliable and efficient performance. With its simple yet elegant style, it's the perfect choice for any building.

Cozy

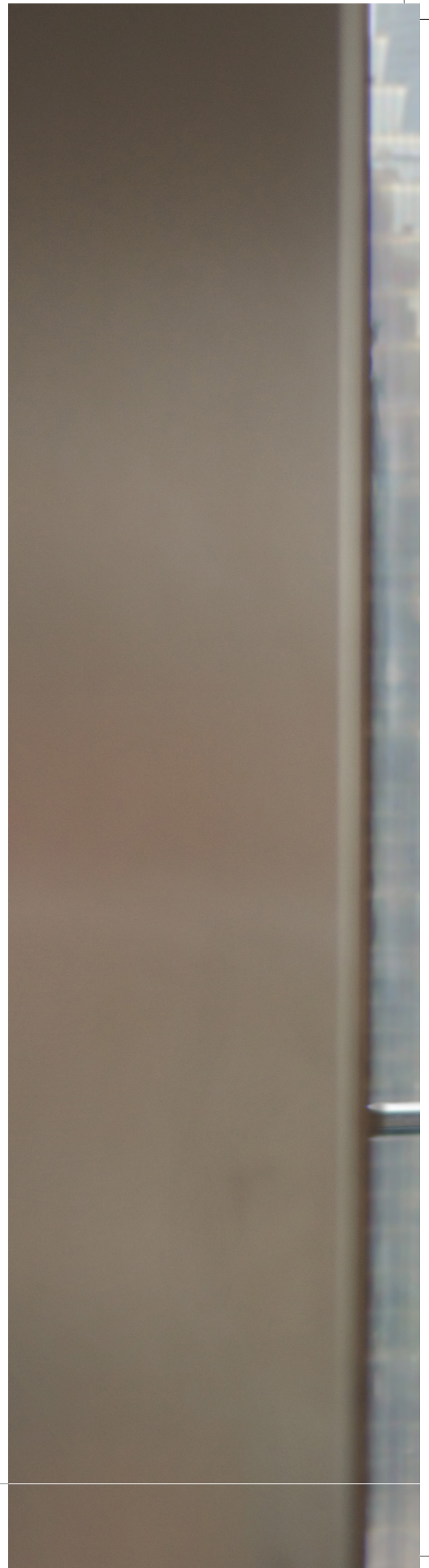
The Cozy type is designed to provide a comfortable and inviting experience for passengers. Its warm lighting and plush interior make it the perfect choice for our customers.

Prestige

The Prestige type is the epitome of luxury and sophistication. Its sleek and modern design is sure to impress, and its advanced technology ensures a smooth and quiet ride.

Pinnacle

The Pinnacle type is the ultimate choice for customers that are meant to complement the overall architectural style of the building as well as giving passengers a riding comfort.





DESIGN

Classic 2401



Front View



Rear View

Specification

Ceiling	CS_L001 (RAL7038)
COP	COP09A
CPI	LED5.5
COP Button	BR018B
Car Wall Finish	Front Panel · Pearl light champagne painted RAL140 Side Panel (from front to rear) · Pearl light champagne painted RAL140 Rear Panel (from left to right) · Pearl light champagne painted RAL140_MPL · White mirror patchwork · Pearl light champagne painted RAL140_MPL
Car Door Panel	Pearl light champagne painted RAL140
Handrail	4900S_C 2 Side
Flooring	DE313

i The actual product can be different (changed) depending on design
Car wall image can be different (changed) depending on capacity

DESIGN

Classic 2402



Front View



Rear View

Specification

Ceiling	CE-43 (Mirror St.St)
COP	COP09A
CPI	LED5.5
COP Button	BR018B
Car Wall Finish	Front Panel · Hairline St. St. Side Panel (from front to rear) · Hairline St. St. Rear Panel (from left to right) · Hairline St. St.
Car Door Panel	Hairline St. St.
Handrail	4900B_A 2 side
Flooring	DE103

! The actual product can be different (changed) depending on design
Car wall image can be different (changed) depending on capacity

DESIGN

Cozy
2203



Front View



Rear View

Specification

Ceiling	CE_301 (Hairline St. St.)
COP	COP07
CPI	LED5.5
COP Button	BR016B
Car Wall Finish	Front Panel · Hairline St. St. Side Panel (from front to rear) · EW2-085 Etched Hairline St.St Rear Panel (from left to right) · EW2-085 Etched Hairline St.St
Car Door Panel	EH1-085 Etched Hairline St.St
Handrail	4900_A 3 Side
Flooring	DE313

 The actual product can be different (changed) depending on design
Car wall image can be different (changed) depending on capacity

DESIGN

Cozy 2204



Front View



Rear View

Specification

Ceiling	4605L (Mirror St.St)
COP	COP09A (Mirror St.St)
CPI	LED5.5
COP Button	BR018
Car Wall Finish	Front Panel · Mirror St. St. Side Panel (from front to rear) · Mirror St.St · EW4-034 Etched Mirror St.St · Mirror St.St. Rear Panel (from left to right) · Mirror St.St · EW4-034 Etched Mirror St.St · Mirror St.St.
Car Door Panel	EH3-034 Etched Mirror St.St
Handrail	4900R_B 3 Side
Flooring	DT03

! The actual product can be different (changed) depending on design
Car wall image can be different (changed) depending on capacity

DESIGN

Cozy 2205

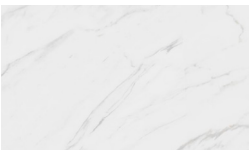


Front View

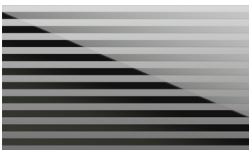


Rear View

Special Finish



CG-10 White Marble
Stone Color Metal



SK-2 Etched
Mirror St.St

Specification

Ceiling	CE_301 (Mirror St.St)
COP	COP07 (Hairline St.St)
CPI	TFT7
COP Button	BR015
Car Wall Finish	Front Panel · Hairline St.St Side Panel (from front to rear) · CG-10 White Marble Stone Color Metal Rear Panel (from left to right) · Mirror St.St · SK-2 Etched Mirror St.St · Mirror St.St
Car Door Panel	Hairline St.St
Handrail	4900R_C 2 Side
Flooring	DT03

! The actual product can be different (changed) depending on design
Car wall image can be different (changed) depending on capacity

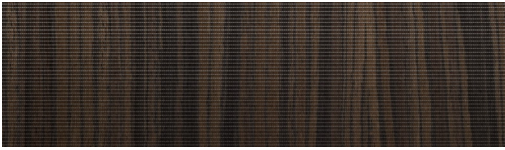
DESIGN

Cozy 2206



Front View

Special Finish



CG-4 Ebony Color Metal

Specification

Ceiling	4605L (Painted RAL7048PL)
COP	COP07 (Mirror St.St)
CPI	TFT7
COP Button	BR015B
Car Wall Finish	Front Panel · Hairline St.St Side Panel (from front to rear) · Hairline St.St · CG-4 Ebony Color Meta · Hairline St.St Rear Panel (from left to right) · Hairline St.St · Mirror St.St · Hairline St.St
Car Door Panel	EH1-085 Etched Hairline St.St
Handrail	4900_B 3 Side
Flooring	DE103



Rear View

! The actual product can be different (changed) depending on design
Car wall image can be different (changed) depending on capacity

DESIGN

Cozy
2207

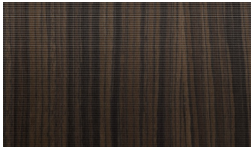


Front View



Rear View

Special Finish



CG-4 Ebony
Color Metal



CG-5 Elegant White-
cloth Color Metal

Specification

Ceiling	CS-L001 (Painted RAL120_MPL)
COP	COP07 (Hairline St.St)
CPI	TFT7
COP Button	BR015
Car Wall Finish	Front Panel · Hairline St.St Side Panel (from front to rear) · Mirror St.St · CG-4 Ebony Color Metal · Mirror St.St Rear Panel (from left to right) · Mirror St.St · CG-5 Elegant White-cloth Color Metal · Mirror St.St
Car Door Panel	Hairline St.St
Handrail	4900_B 1 Side
Flooring	DE103

 The actual product can be different (changed) depending on design
Car wall image can be different (changed) depending on capacity

DESIGN

Cozy
2208



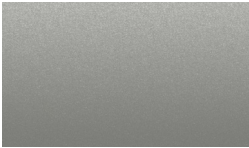
Front View



Rear View

 The actual product can be different (changed) depending on design
Car wall image can be different (changed) depending on capacity

Special Finish



RAL120_MPL Warm
Grey Pearl Painted Steel



CG-1 Burma Teak
Color Metal

Specification

Ceiling	CS-L001 (Painted RAL7038)
COP	COP07 (Hairline St.St)
CPI	LED5.5
COP Button	BR016
Car Wall Finish	Front Panel · Hairline St.St Side Panel (from front to rear) · Mirror St.St · RAL120_MPL Warm Grey Pearl Painted steel · Mirror St.St Rear Panel (from left to right) · Mirror St.St · CG-1 Burma Teak Color Metal · Mirror St.St
Car Door Panel	Hairline St.St
Handrail	4900_A 3 Side
Flooring	DE103

DESIGN

Cozy
2209



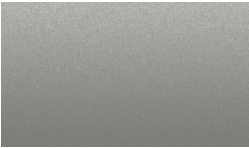
Front View



Rear View

i The actual product can be different (changed) depending on design
Car wall image can be different (changed) depending on capacity

Special Finish



RAL120_MPL Warm
Grey Pearl Painted Steel



CG-1 Burma Teak
Color Metal

Specification

Ceiling	CS-L001 (Painted RAL7038)
COP	COP09A (Hairline St.St)
CPI	LED5.5
COP Button	BR018B
Car Wall Finish	Front Panel · Hairline St.St Side Panel (from front to rear) · RAL120_MPL Warm Grey Pearl Painted steel · CG-1 Burma Teak Color Metal · RAL120_MPL Warm Grey Pearl Painted steel Rear Panel (from left to right) · RAL120_MPL Warm Grey Pearl Painted steel · STS MR · RAL120_MPL Warm Grey Pearl Painted steel
Car Door Panel	Hairline St.St
Handrail	4900_A 3Side
Flooring	DE313

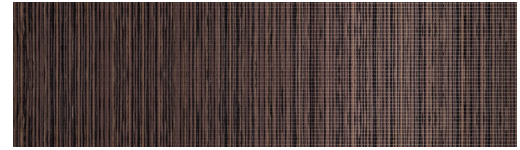
DESIGN

Prestige 2210



Front View

Special Finish



KB-19 Color Metal

Specification

Ceiling	4603L (Mirror St.St)
COP	COP09A (Hairline St.St)
CPI	LED5.5
COP Button	BR018B
Car Wall Finish	Front Panel · Hairline St.St Side Panel (from front to rear) · Mirror St.St · KB-19 Color Metal · KB-19 Color Metal Rear Panel (from left to right) · KB-19 Color Meta · Mirror St.St · KB-19 Color Metal
Car Door Panel	EH3-034 Etched Hairline St.St
Handrail	4900_A 3Side
Flooring	DT03



Rear View

! The actual product can be different (changed) depending on design
Car wall image can be different (changed) depending on capacity

DESIGN

Prestige 2211



Front View

Special Finish



Champagne Gold
Hairline St.St



Champagne Gold
Mirror St.St

Specification

Ceiling	4603L (Champagne Gold Mirror St. St.)
COP	COP09A (Hairline St.St)
CPI	LED5.5
COP Button	BR018B
Car Wall Finish	Front Panel · Hairline St.St Side Panel (from front to rear) · Champagne Gold Hairline St.St · Champagne Gold Mirror St.St · Champagne Gold Hairline St.St Rear Panel (from left to right) · Champagne Gold Hairline St.St · Etched Champagne Gold Mirror St. St SHHM-XSK06 · Champagne Gold Hairline St.St
Car Door Panel	Hairline St.St
Handrail	4900F 3 Side
Flooring	DT03



Rear View

! The actual product can be different (changed) depending on design
Car wall image can be different (changed) depending on capacity

DESIGN

Prestige 2212



Front View



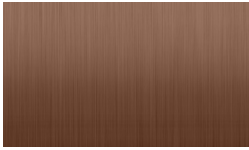
Rear View

! The actual product can be different (changed) depending on design
Car wall image can be different (changed) depending on capacity

Special Finish



CG-1 Burma Teak
Color Metal



Bronze Hairline St.St

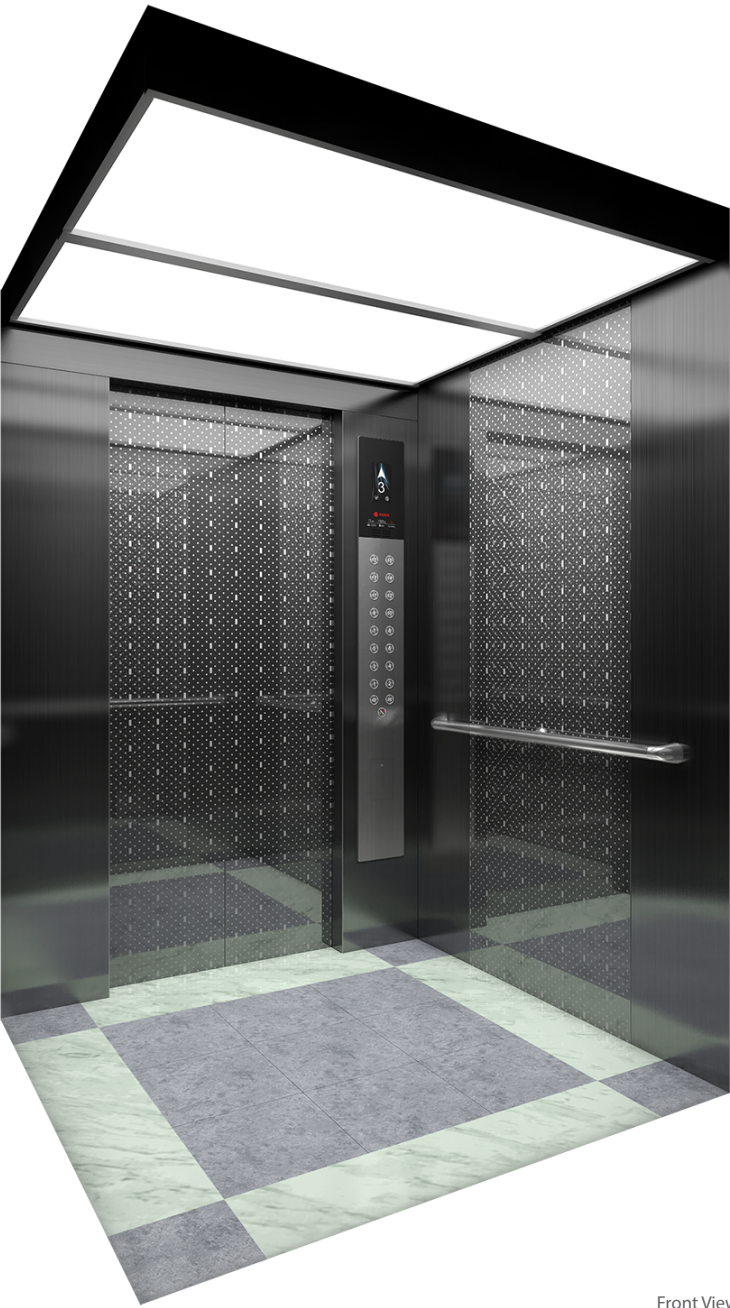
Specification

Ceiling	CE_302 (Painted RAL7048PL)
COP	COP09A (Hairline St.St)
CPI	LED5.5
COP Button	BR018
Car Wall Finish	Front Panel · Hairline St.St Side Panel (from front to rear) · CG-1 Burma Teak Color Metal Rear Panel (from left to right) · Bronze Hairline St.St · Etched Mirror St. St SHHM-SK03 · Bronze Hairline St.St
Car Door Panel	Hairline St.St
Handrail	4900B_A 2 Side
Flooring	DT03

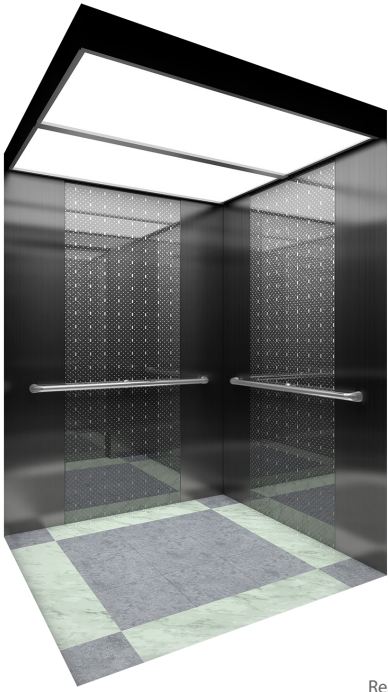
DESIGN

Pinnacle

2213

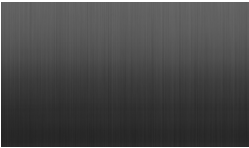


Front View

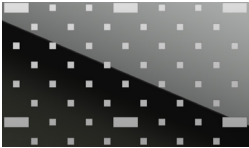


Rear View

Special Finish



Titanium Black
Hairline St.St



Titanium black Mirror
Etched St.St EW2-082

Specification

Ceiling	4604L (Painted RAL9005)
COP	COP07 (Hairline St. St)
CPI	TFT7
COP Button	BR016B
Car Wall Finish	Front Panel · Titanium Black Hairline St.St Side Panel (from front to rear) · Titanium Black Hairline St.St · Titanium Black Mirror Etched St.St EW2-082 · Titanium Black Hairline St.St Rear Panel (from left to right) · Titanium Black Hairline St.St · Titanium Black Mirror Etched St.St EW2-082 · Titanium Black Hairline St.St
Car Door Panel	Titanium black Mirror Etched St.St EH1-082
Handrail	4900R_C 3 Side
Flooring	DT01

i The actual product can be different (changed) depending on design
Car wall image can be different (changed) depending on capacity

DESIGN

Pinnacle

2214



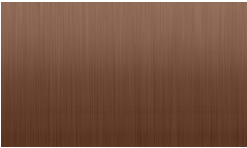
Front View



Rear View

! The actual product can be different (changed) depending on design
Car wall image can be different (changed) depending on capacity

Special Finish



Bronze
Hairline St.St



CG-13 Cow Leather
Texture Color Metal

Specification

Ceiling	CE_302 (Mirror St.St)
COP	COP07 (Hairline St.St)
CPI	LED5.5
COP Button	BR016
Car Wall Finish	Front Panel · Bronze Hairline St.St Side Panel (from front to rear) · Bronze Hairline St.St · CG-13 Cow Leather Texture Color Metal · Bronze Hairline St.St Rear Panel (from left to right) · Bronze Hairline St.St · EW2-059 Etched Mirror St.St · Bronze Hairline St.St
Car Door Panel	EH1-059 Etched Mirror St.St
Handrail	4900R_B 3Side
Flooring	DT03

DESIGN

Pinnacle

2215



Front View

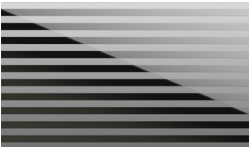


Rear View

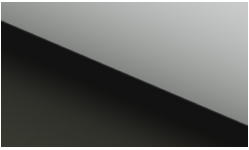
i The actual product can be different (changed) depending on design
Car wall image can be different (changed) depending on capacity

ACRA™ 2.0 & SOLON® 2.0 & MUSE™ 2.0

Special Finish



SK-2 Etched
Mirror St.St



Titanium Black
Mirror St.St

Specification

Ceiling	4604L (Painted RAL9005)
COP	COP07 (Hairline St. St)
CPI	TFT7
COP Button	BR016B
Car Wall Finish	Front Panel · Hairline St.St Side Panel (from front to rear) · Titanium Black Mirror St.St · SK-2 Etched Mirror St.St · Titanium black Mirror St.St Rear Panel (from left to right) · Titanium Black Mirror St.St · SK-2 Etched Mirror St.St · Titanium Black Mirror St.St
Car Door Panel	Hairline St.St
Handrail	4900R_C 3 Side
Flooring	DT03

DESIGN

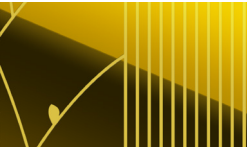
Pinnacle

2216



Front View

Special Finish



Titanium Mirror Etched
St.St EW2-085



Titanium
Hairline St.St

Specification

Ceiling	4603L (Champagne gold Mirror St. St.)
COP	COP09A (Hairline St.St)
CPI	LED5.5
COP Button	BR018B
Car Wall Finish	Front Panel · Titanium Hairline St.St Side Panel (from front to rear) · Titanium Hairline St.St · Titanium Mirror Etched St.St EW2-085 · Titanium Hairline St.St Rear Panel (from left to right) · Titanium Hairline St.St · Titanium Mirror Etched St.St EW2-085 · Titanium Hairline St.St
Car Door Panel	Titanium Mirror Etched St.St EH1-085
Handrail	4900R_E 3 Side
Flooring	DT01



Rear View

! The actual product can be different (changed) depending on design
Car wall image can be different (changed) depending on capacity

DESIGN

Pinnacle

2217

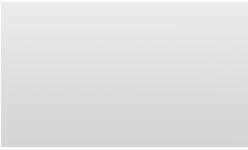


Front View



Rear View

Special Finish

	
RAL9005 Black Matt Painted Steel	RAL9003HL Coagulation White Highlights Painted Steel

Specification

Ceiling	4607L (Painted RAL7048PL)
COP	COP07 (Hairline St. St)
CPI	TFT7
COP Button	BR016B
Car Wall Finish	Front Panel · Hairline St.St Side Panel (from front to rear) · RAL9005 Black Matt Painted Steel · Titanium black Mirror St.St · Titanium black Mirror St.St Rear Panel (from left to right) · RAL9003HL Coagulation White Highlights Painted Steel
Car Door Panel	Hairline St.St
Handrail	4900_A 3Side
Flooring	DE313

i The actual product can be different (changed) depending on design
Car wall image can be different (changed) depending on capacity

Entrance



Type	J101 narrow jamb
Jamb Finish	Hairline St.St
Door Finish	Hairline St.St
Hall Fixtures	HF09_LED
Button	BR017



Type	J201 wide straight jamb with accentric line
Jamb Finish	Titanium Mirror St.St
Door Finish	Titanium Mirror Etched St.St EH1-059
Hall Fixtures	HF09_N
Hall Position Indicator	HPI09_LED
Button	BR018B



Type	J301 semi-taperd jamb with accentric line
Jamb Finish	Mirror Stainless Steel
Door Finish	Etched Mirror St.St (EH1-059)
Hall Fixtures	HF07_N
Hall Position Indicator	HL_07
Button	BR016B

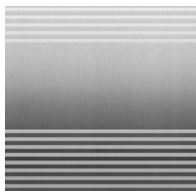
 The actual product can be different (changed) depending on design



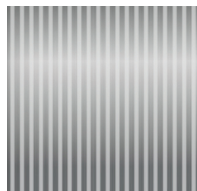
Type	J411 full tapered jamb with transom panel
Jamb Finish	Hairline Stainless Steel
Door Finish	Etched Hairline St.St (EH1-085)
Hall Fixtures	HF07_N
Hall Position Indicator	HPI07_LED
Button	BR015B

Aesthetics

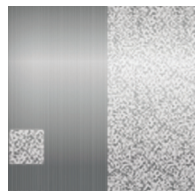
Etching



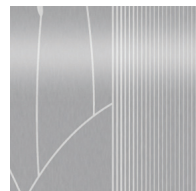
EH3-034



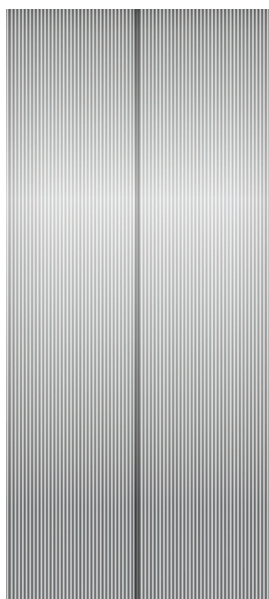
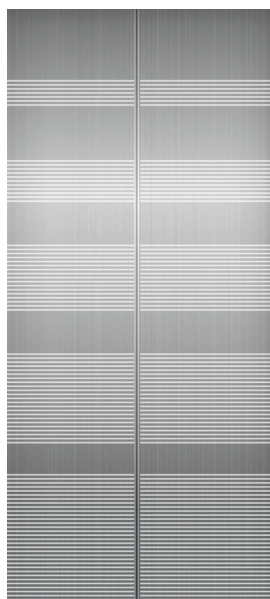
EH1-059



EH1-067



EH1-085



Paint



RAL7038



RAL6019



RAL1036PL



RAL9022PL



RAL8024



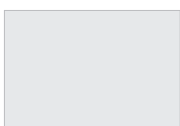
RAL7035



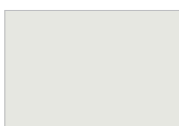
RAL9002



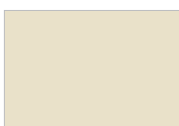
RAL1001



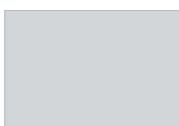
RAL110_1HL



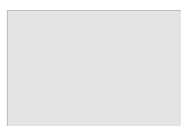
RAL9010



RAL1015



RAL7047



RAL110_2SL

 The actual product can be different (changed) depending on design

Ceiling

Standard



CS_L001
(Thickness 0mm)

More spacious and comfortable



Up to 175mm

Option

 CE-43 (Thickness 100mm)	 CE_302 (Thickness 100mm)	 CE_301 (Thickness 70mm)
 4605L (Thickness 100mm)	 4606L (Thickness 0mm)	 4603L (Thickness 110mm)
 4607L (Thickness 50mm)	 4604L (Thickness 175mm)	 CE209A (Thickness 150mm)

Aesthetics

Handrails



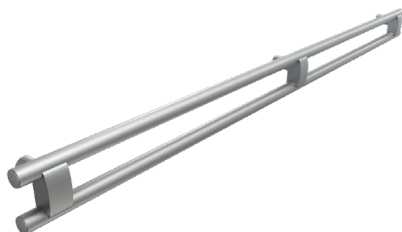
4900S_C
(Matt sandblasting aluminum allo)



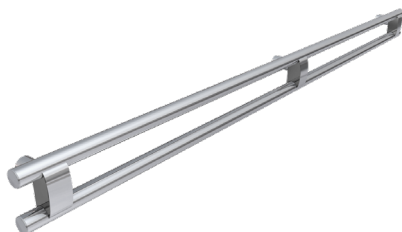
4900-A
(Hairline St. St)



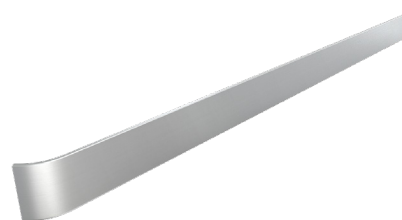
4900-B
(Mirror St. St)



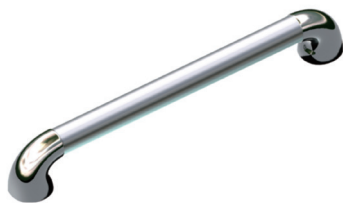
4900B-A
(Hairline St. St)



4900B-B
(Mirror St St)



4900F
(Hairline St. St)



4900R-B
(Matt sandblasting aluminum alloy)



4900R-C
(Mirror St. St)



4900R-E
(Titanium Mirror St. St)

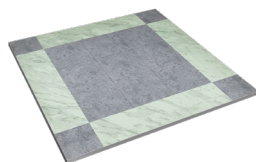
Floorings(PVC)



DE103



DE313



DT01



DT03



HPDT_094

FTYP09(Standard, LED Type)



COP09A
LED5.5_01
BR018B

COP09A
LED5.5_01
BR017B



HF09
LED 4.1'
BR018B
Twin



HF09
LED 4.1'
BR017B



HPI09
LED5.4_01



HF09_N



HL_09

Metal Round
Concave Button

COP
Button



BR017



BR017B
(Braille)

Metal Square
Concave Button



BR018



BR018B
(Braille)

HBP
Button



BR017



BR017B
(Braille)



BR018



BR018B
(Braille)

! This rendering was created based on EN81-1 code. When EN81-20 code is applied, the contents on the COP may change.

Aesthetics

FTYP07(Option, LED & TFT Type)



COP07
LED5.5_01
BR015B



COP07
LED5.5_01
BR016B



COP07
TFT7_01
BR015B



COP07
TFT7_01
BR016B



LED5.5_01



TFT7_01



HF07
LED 4.1'
BR015B
Twin



HF07
TFT 4.3'
BR015B
Twin



HF07
LED 4.1'
BR016B
Twin



HF07
TFT 4.3'
BR016B
Twin

! This rendering was created based on EN81-1 code. When EN81-20 code is applied, the contents on the COP may change.

ACRA™ 2.0 & SOLON® 2.0 & MUSE™ 2.0



HPI07
LED5.4_01



HPI07
TFT4.3_01



HF07
TFT 4.3'
BR015B



HF07
LED 4.1'
BR015B



HF07
TFT 4.3'
BR016B



HF07
LED 4.1'
BR016B



HF07_N



HL_07

Glass Round Button

COP Button



BR015



BR015B
(Braille)

Metal Round Button



BR016



BR016B
(Braille)

HBP Button



BR015



BR015B
(Braille)



BR016



BR016B
(Braille)

Aesthetics

FTYPS1 (Option, LCD Type)

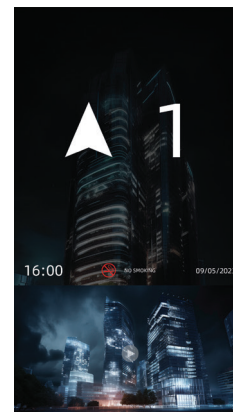


COPS1
LCD UI_S1
BR015B

COPS1
LCD UI_S2
BR016B

COPS1
LCD UI_S3
BR017B

COPS1
LCD UI_S4
BR018B



UI_S1
Black Screen



UI_S2
Silver Screen



UI_S3
Brown Screen



UI_S4
White Screen



HBPS1
LED
BR34M



HBPS1
LED
BR34MB
TWIN



HBPS1
LED
BS34JB



HBPS1
LED
BS34JB
TWIN

COP Button

Glass Round Button



BR015



BR015B
(Braille)

**Metal Round
Concave Button**



BR017



BR017B
(Braille)

Metal Round Button



BR016



BR016B
(Braille)

**Metal Square
Concave Button**



BR018



BR018B
(Braille)

HBP Button

**Inching Stainless Steel
Round Button**



BR34M



BR34MB
(Braille)

**Inching Stainless Steel
Square Button**



BS34J

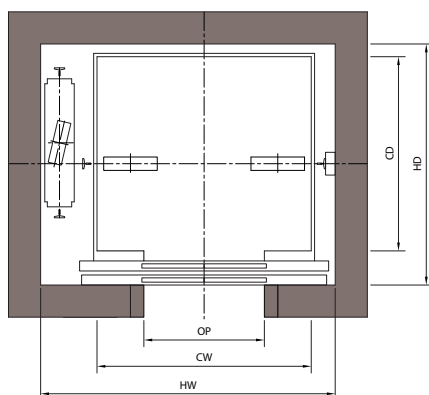


BS34JB
(Braille)

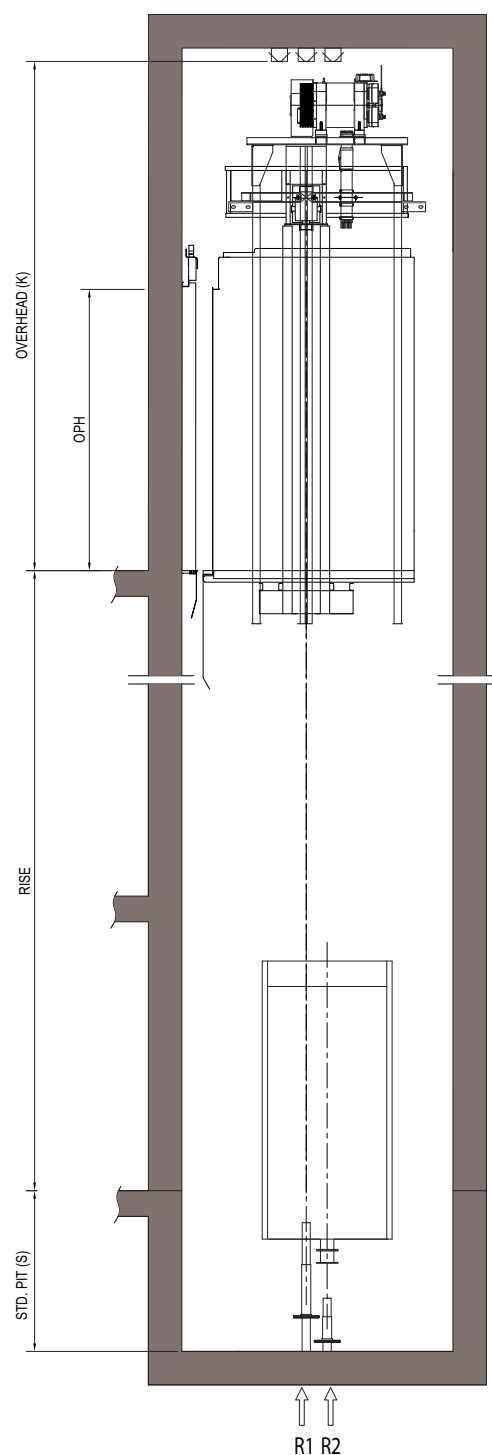
SOLON® 2.0

Layout Drawing

[Hoistway Plan]



[Hoistway Section]



Overhead, Pit

Speed(m/s)	Capacity (kg)	Overhead(mm)		Pit Depth (mm)
		EN81-1	EN81-20	
1.0	450~1050kg	3950	4100	1250
1.5		4150	4300	1300
1.75		4250	4350	1400

Based on : RECES=3; CH=2400;
 When V=1m/s : CARRUNBY=150,CWTRUNBY=150;
 When 1m/s < V ≤ 1.75m/s : CARRUNBY=200,CWTRUNBY=200

Layout Dimension(EN81-1 & EN81-20)

(Unit : mm)

Speed (m/s)	Capacity		Opening Width (mm)	Opening Type	Car Size		Hoistway Size		Reaction Load (kN)	
	Person	Load(kg)			CW	CD	HW	HD	R1 (Car)	R2 (CWT)
1.0~1.75	6	450	700	CLD	1000	1200	1700	1580	60.8	51.6
	7	550	800		1100	1250	1850	1630	65.4	54.2
	8	630	800		1100	1400	1850	1775	71.3	58.5
	10	800	800		1350	1350	1950	1700	80.4	64.1
	12	900	800		1500	1400	2100	1775	87.4	69.1
	13	1000	900		1600	1450	2200	1800	94.1	72.7
	14	1050	900		1600	1450	2200	1800	94.1	72.7

Power Supply Plan

(380V)

Speed (m/s)	Capacity		Motor Power Capacity (kW)	Elevator Current (A)		Heat Dissipation (kcal/H)
	Person	Capacity(kg)		Rated	Starting	
1.0	6	450	5.6	9.0	15.4	639
	7	550	5.6	10.2	17.1	769
	8	630	5.6	12.6	17.8	1,027
	10	800	5.6	15.0	20.7	1,257
	12	900	6.7	16.3	22.4	1,339
	13	1000	6.7	17.5	23.4	1,374
	14	1050	6.7	18.2	24.0	1,438
1.5	6	450	8.3	11.3	21.2	758
	7	550	8.3	13.1	23.7	925
	8	630	8.3	16.5	24.1	1,178
	10	800	8.3	19.9	27.7	1,461
	12	900	10.0	21.6	29.9	1,488
	13	1000	10.0	23.6	32.1	1,642
	14	1050	10.0	24.5	33.1	1,719
1.75	6	450	9.7	12.4	23.8	813
	7	550	9.7	14.5	26.7	992
	8	630	9.7	18.6	27.4	1,359
	10	800	9.7	22.5	31.7	1,690
	12	900	11.7	24.5	34.2	1,722
	13	1000	11.7	26.8	36.9	1,901
	14	1050	11.7	28.0	38.0	1,991

Note : When power supply is not 380V, current is calculated by the following formula.

$$I' = I \times 380 / U'$$

I': System Current @ Power Supply Voltage that is not 380V

I: 380V Rated Current/Start Current

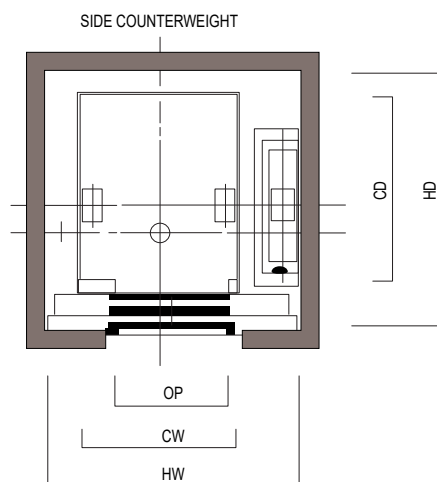
U': Power Supply Voltage that is not 380V

Data is based on standard criteria and may vary from project to project.

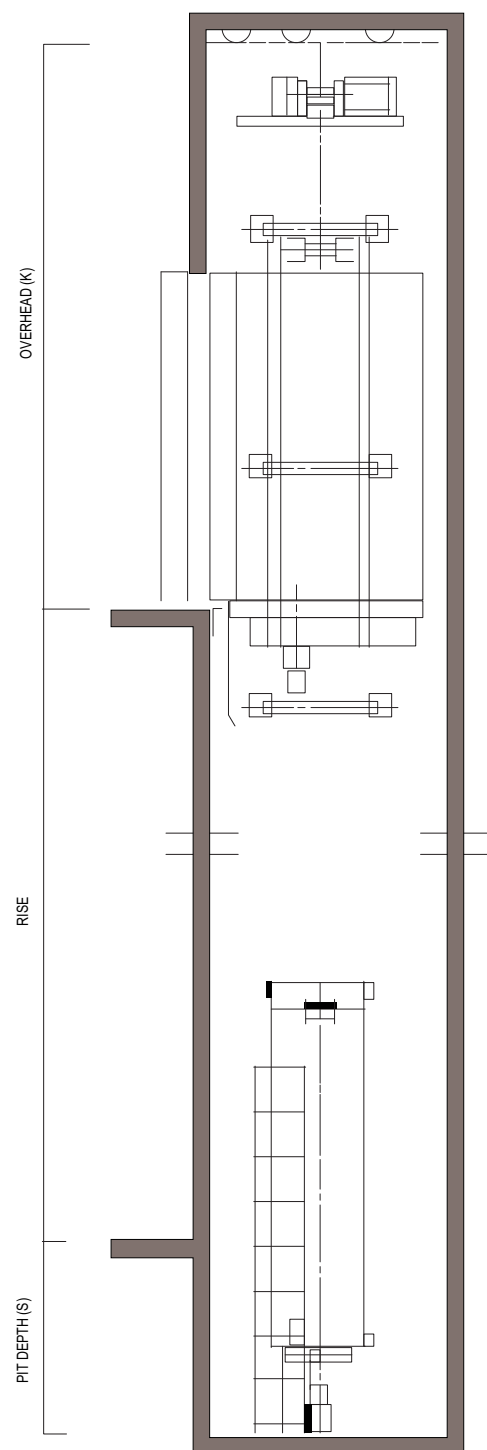
MUSE™ 2.0

Layout Drawing

[Hoistway Plan]



[Hoistway Section]



Overhead, Pit & Machine Room Height

Duty load (kg)	Speed (m/s)	Overhead Minimum (mm)	Overhead Minimum (mm)	Pit Minimum (mm)	Maximum rise (m)
		EN81-1	EN81-20		
800-1050	2	4130	4330	1680	120
	2.5	4370	4570	1830	120
1150-1600	1	3780	3980	1250	50
	1.5	3930	4130	1360	80
	1.75	4000	4200	1400	96
1150	2	4140	4340	1700	110
	2.5	4380	4580	1850	110
1350-1600	2	4140	4340	1700	120
	2.5	4380	4580	1850	120

Based on : RECES=3; CH=2400;
 When V=1m/s : CARRUNBY=150,CWTRUNBY=150;
 When 1m/s <V<=1.75m/s : CARRUNBY=200,CWTRUNBY=200

Layout Dimension(EN81-1 & EN81-20)

(Unit : mm)

Capacity		Speed (m/s)	Opening Width (mm)	Opening Type	Car Size		Hoistway Size		Reaction Load (kN)	
Person	Load(kg)				CW	CD	HW	HD	Pit	
10	800	2.0 ~ 2.5	800	CLD	1350	1400	2000	1750	101.0	85.0
12	900		900		1500	1400	2150	1750	103.0	86.0
13	1000		900		1600	1450	2250	1800	112.0	91.0
14	1050		900		1600	1500	2250	1850	112.0	91.0
15	1150	1.0 ~ 1.75	1000		1800	1500	2500	1850	127.0	103.0
		2.0 ~ 2.5					2550	1850	139.0	115.0
18	1350	1.0 ~ 1.75	1100		2000	1500	2750	1850	146.0	118.0
		2.0 ~ 2.5							154.0	126.0
21	1600	1.0 ~ 1.75	1100		2000	1700	2750	2050	165.0	132.0
		2.0 ~ 2.5							171.0	138.0

Power Supply Plan

(380V)

Capacity		Speed (m/s)	Motor Capacity (kW)	Elevator Current (A)		Heat Dissipation (kcal/H)
Person	Load(kg)			Rated	Starting	
10	800	2.0	12.5/17.1	26.3	32.6	1170
12	900		12.5/17.1	27	37.1	1360
13	1000		12.5/17.1	32.6	39.2	1502
14	1050		12.5/17.1	32.6	39.2	1502
10	800	2.5	17.1	31.5	39.4	1441
12	900		17.1	32.4	45.1	1679
13	1000		17.1	39.4	47.6	1856
14	1050		17.1/25.4	39.4	47.6	1856
15	1150	1.0	7.7/10.2	17.4	22	1118
		1.5	13.5/17.8/16.3	25.3	31.5	1423
		1.75	13.5/17.8	27.3	33.8	1551
		2.0	25.4	36.2	43.8	1680
		2.5	25.4	43.8	53.4	2078
18	1350	1.0	10/10.2	21.8	24.3	1350
		1.5	17.8/16.3	31.3	37	1534
		1.75	17.8	33.9	40.1	1670
		2.0	25.4	41.2	49.6	1945
		2.5	25.4	50.1	60.6	2410
21	1600	1.0	10/10.2	25.6	28.4	1616
		1.5	17.8/16.3	37.8	44.3	1865
		1.75	17.8	41	48.1	2032
		2.0	25.4	47.5	56.8	2277
		2.5	25.4	57.9	69.5	2825

Note : When power supply is not 380V, current is calculated by the following formula.

$$I' = I \times 380 / U'$$

I': System Current @ Power Supply Voltage that is not 380V

I: 380V Rated Current/Start Current

U': Power Supply Voltage that is not 380V

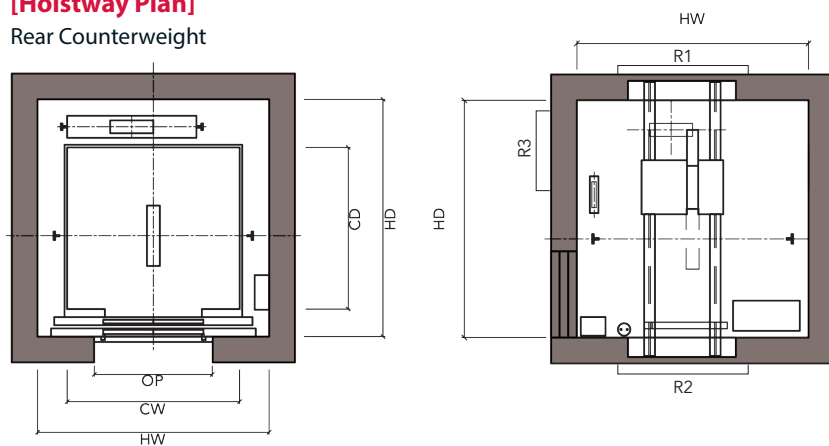
Data is based on standard criteria and may vary from project to project.

ACRA™ 2.0

Layout Drawing

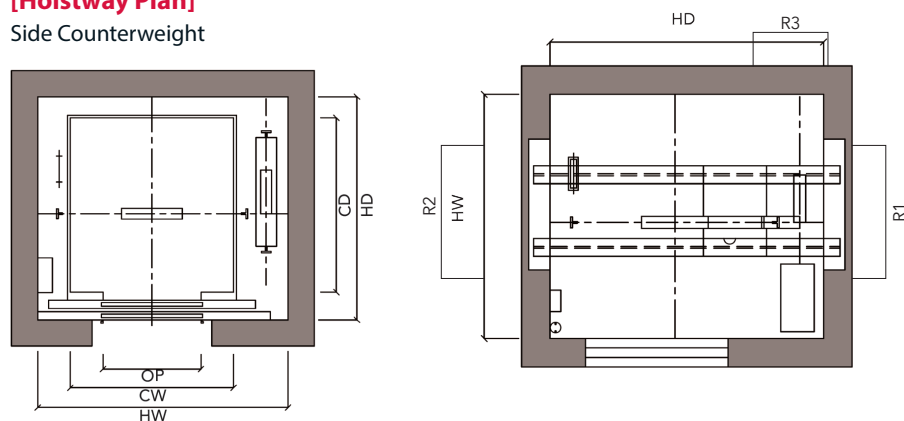
[Hoistway Plan]

Rear Counterweight

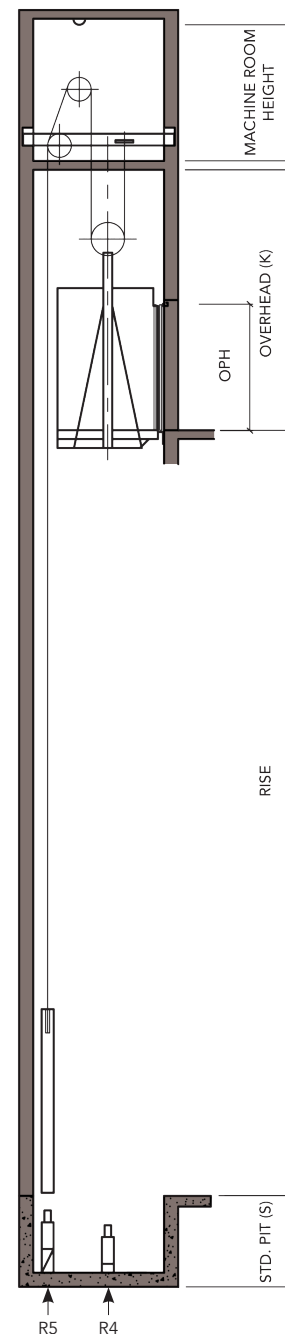


[Hoistway Plan]

Side Counterweight



[Hoistway Section]



Overhead, Pit & Machine Room Height

Speed(m/s)	Load(kg)	Overhead(mm)		Pit Depth (mm)	Machine Room Height(mm)	
		EN81-1	EN81-20		CWT Position Back	CWT Position Side
1.0	450~1050kg	4150	4350	1350	2300	2500
1.5		4300	4500	1400		
1.75		4350	4550	1450		
1.0	1150~1600kg	4250	4450	1350	2500	2700
1.5		4350	4550	1500		
1.75		4450	4650	1550		
2	800~1050kg	4500	4700	1600	2500	2700
2.5		4750	4950	1850		
2	1150~1600kg	4600	4800	1600	2500	2700
2.5		4800	5000	1850		

Based on: RECES=3;CH=2400;
When V<2m/s : CARRUNBY=200,CWTRUNBY=200;
When V>=2m/s : CARRUNBY=250,CWTRUNBY=250;

Layout Dimension(EN81-1)

(Unit : mm)

Speed (m/s)	Capacity		Opening Width (mm)	Opening Type	Car Size		Hoistway Size		Machine Room Size		Reation Load (kN)					CWT Position
	Person	Load(kg)			CW	CD	HW	HD	MW	MD	Machine Room			Pit		
											R1	R2	R3	R4	R5	
1~1.75	6	450	700	CLD	1100	1100	1900	1750	1900	2450	28.5	15.4	NA	63.3	52.8	Back
	7	550	800		1200	1100	1900	1750	1900	2450	28.5	15.4	NA	63.3	52.8	
	8	630	800		1300	1100	1900	1750	1900	2450	30.0	16.3	NA	68.0	55.8	
	9	680	800		1350	1150	1900	1800	1900	2500	31.6	17.2	NA	73.3	60.1	
	10	750	800		1400	1300	1900	1950	1900	2650	33.8	18.4	3.0	79.9	65.2	
	10	800	800		1400	1350	1900	2000	1900	2700	35.7	18.9	3.1	82.8	67.1	
	12	900	900		1500	1400	2000	2100	2000	2800	38.3	20.5	3.3	87.7	70.0	
	13	1000	900		1600	1450	2150	2200	2150	2900	39.1	21.4	3.4	93.0	72.2	
	14	1050	900		1600	1500	2150	2200	2150	2900	39.1	21.4	3.4	93.0	72.2	
	15	1150	1100		1850	1350	2600	2100	2600	2800	29.3	29.3	5.6	127.9	105.1	
	18	1350	1100		1900	1550	2600	2400	2600	3100	33.6	33.6	7.3	148.4	121.4	
	21	1600	1100		2000	1700	2600	2450	2600	3150	34.4	34.4	7.9	165.2	133.1	
	6	450	700		1100	1100	2050	1750	2750	1750	28.5	15.4	NA	63.3	52.8	Side
	7	550	800		1200	1100	2050	1750	2750	1750	28.5	15.4	NA	63.3	52.8	
	8	630	800		1300	1100	2100	1750	2800	1750	30.0	16.3	NA	68.0	55.8	
	9	680	800		1350	1150	2200	1800	2900	1800	31.6	17.2	NA	73.3	60.1	
	10	750	800		1400	1350	2200	1900	2900	1900	33.8	18.4	3.0	79.9	65.2	
	10	800	800		1400	1350	2200	1900	2900	1900	35.7	18.9	3.1	82.8	67.1	
	12	900	900		1400	1500	2200	1950	2900	1950	38.3	20.5	3.3	87.7	70.0	
	13	1000	900		1450	1600	2300	2050	3000	2050	39.1	21.4	3.4	93.0	72.2	
	14	1050	900		1500	1600	2300	2050	3000	2050	39.1	21.4	3.4	93.0	72.2	
	15	1150	1000		1550	1650	2500	2250	3200	2250	29.3	29.3	5.6	127.9	105.1	
	18	1350	1000		1600	1850	2500	2400	3200	2400	33.6	33.6	7.3	148.4	121.4	
	21	1600	900		1400	2400	2250	2800	2950	2800	34.4	34.4	7.9	165.2	133.1	
2.0~2.5	10	800	800	CLD	1400	1350	1950	2000	1950	2700	20.5	40.5	20.0	87.5	72.1	Back
	12	900	900		1500	1400	2000	2100	2000	2800	22.4	44.5	22.1	91.6	74.2	
	13	1000	900		1600	1450	2150	2200	2150	2900	51.3	27.1	5.9	107.3	86.8	
	14	1050	900		1600	1500	2150	2200	2150	2900	51.3	27.1	5.9	107.3	86.8	
	15	1150	1100		1850	1350	2600	2100	2600	2800	31.9	31.9	6.9	130.3	107.7	
	18	1350	1100		1900	1550	2600	2400	2600	3100	35.7	35.7	7.9	148.4	121.7	
	21	1600	1100		2000	1700	2600	2450	2600	3150	36.4	36.4	8.5	165.2	133.3	
	10	800	800		1400	1350	2200	1900	2900	1900	42.9	22.6	4.9	87.5	72.1	Side
	12	900	900		1400	1500	2200	1950	2900	1950	46.0	24.3	5.3	91.6	74.2	
	13	1000	900		1450	1600	2300	2050	3000	2050	51.3	27.1	5.9	107.3	86.8	
	14	1050	900		1500	1600	2300	2050	3000	2050	51.3	27.1	5.9	107.3	86.8	
	15	1150	1000		1550	1650	2500	2250	3200	2250	31.9	31.9	6.9	130.3	107.7	
	18	1350	1000		1600	1850	2500	2400	3200	2400	35.7	35.7	7.9	148.4	121.7	
	21	1600	900		1400	2400	2250	2800	2950	2800	36.4	36.4	8.5	165.2	133.3	

ACRA™ 2.0

Layout Dimension(EN81-20)

(Unit : mm)

Speed (m/s)	Capacity		Opening Width (mm)	Opening Type	Car Size		Hoistway Size		Machine Room Size		Reation Load (kN)					CWT Position
	Person	Load(kg)			CW	CD	HW	HD	MW	MD	Machine Room			Pit		
											R1	R2	R3	R4	R5	
1~1.75	8	630	800	CLD	1250	1250	1900	1900	1900	2450	30.0	16.3	NA	68.0	55.8	Back
	9	680	800		1350	1250	1900	1900	1900	2500	31.6	17.2	NA	73.3	60.1	
	10	750	800		1400	1300	1900	1950	1900	2650	33.8	18.4	3.0	79.9	65.2	
	10	800	800		1400	1350	1900	2000	1900	2700	35.7	18.9	3.1	82.8	67.1	
	12	900	900		1500	1400	2000	2100	2000	2800	38.3	20.5	3.3	87.7	70.0	
	13	1000	900		1600	1450	2150	2200	2150	2900	39.1	21.4	3.4	93.0	72.2	
	14	1050	900		1600	1500	2150	2200	2150	2900	39.1	21.4	3.4	93.0	72.2	
	15	1150	1100		1900	1350	2600	2100	2600	2800	29.3	29.3	5.6	127.9	105.1	
	18	1350	1100		1900	1550	2600	2400	2600	3100	33.6	33.6	7.3	148.4	121.4	
	21	1600	1100		2000	1700	2600	2450	2600	3150	34.4	34.4	7.9	165.2	133.1	
1.0	6	450	700		1100	1150	2050	1850	2750	1850	28.5	15.4	NA	63.3	52.8	Side
	7	550	800		1200	1200	2050	1850	2750	1850	28.5	15.4	NA	63.3	52.8	
	8	630	800		1250	1250	2100	1800	2800	1750	30.0	16.3	NA	68.0	55.8	
1~1.75	9	680	800		1350	1250	2200	1800	2900	1800	31.6	17.2	NA	73.3	60.1	
	10	750	800		1350	1350	2200	1900	2900	1900	33.8	18.4	3.0	79.9	65.2	
	10	800	800		1400	1350	2200	1900	2900	1900	35.7	18.9	3.1	82.8	67.1	
	12	900	900		1400	1500	2200	1950	2900	1950	38.3	20.5	3.3	87.7	70.0	
	13	1000	900		1450	1600	2300	2050	3000	2050	39.1	21.4	3.4	93.0	72.2	
	14	1050	900		1600	1500	2150	2200	3000	2050	39.1	21.4	3.4	93.0	72.2	
	15	1150	1000		1600	1650	2500	2250	3200	2250	29.3	29.3	5.6	127.9	105.1	
	18	1350	1000		1600	1850	2500	2400	3200	2400	33.6	33.6	7.3	148.4	121.4	
	21	1600	900		1400	2400	2250	2800	2950	2800	34.4	34.4	7.9	165.2	133.1	
2.0~2.5	10	800	800		1400	1350	1950	2000	1950	2700	20.5	40.5	20.0	87.5	72.1	Back
	12	900	900		1500	1400	2000	2100	2000	2800	22.4	44.5	22.1	91.6	74.2	
	13	1000	900		1600	1450	2150	2200	2150	2900	51.3	27.1	5.9	107.3	86.8	
	14	1050	900		1600	1500	2150	2200	2150	2900	51.3	27.1	5.9	107.3	86.8	
	15	1150	1100		1900	1350	2600	2100	2600	2800	31.9	31.9	6.9	130.3	107.7	
	18	1350	1100		1900	1550	2600	2400	2600	3100	35.7	35.7	7.9	148.4	121.7	
	21	1600	1100		2000	1700	2600	2450	2600	3150	36.4	36.4	8.5	165.2	133.3	
	10	800	800		1400	1350	2200	1900	2900	1900	42.9	22.6	4.9	87.5	72.1	Side
	12	900	900		1400	1500	2200	1950	2900	1950	46.0	24.3	5.3	91.6	74.2	
	13	1000	900		1450	1600	2300	2050	3000	2050	51.3	27.1	5.9	107.3	86.8	
	14	1050	900		1500	1600	2300	2050	3000	2050	51.3	27.1	5.9	107.3	86.8	
	15	1150	1000		1600	1650	2500	2250	3200	2250	31.9	31.9	6.9	130.3	107.7	
	18	1350	1000		1600	1850	2500	2400	3200	2400	35.7	35.7	7.9	148.4	121.7	
	21	1600	900		1400	2400	2250	2800	2950	2800	36.4	36.4	8.5	165.2	133.3	

Power Supply Plan

(380V)

Speed (m/s)	Capacity		Motor Power Capacity (kW)	Elevator Current (A)		Heat Dissipation (kcal/H)
	Person	Capacity(kg)		Rated	Starting	
1.0	6	450	3.9	11.7	18.8	743
	7	550	3.9	11.7	18.8	743
	8	630	3.9	12.7	20.1	798
	9	680	4.9	13.4	21.8	849
	10	750	4.9	14.3	22.6	909
	10	800	4.9	15.0	23.4	953
	12	900	6.2	16.3	26.0	1,027
	13	1000	6.2	17.6	27.7	1,087
	14	1050	6.5	18.3	28.6	1,147
	15	1150	7.5 / 7.7	19.2	32.0	1,048
	18	1350	9.0	21.6	35.6	1,077
1.5	21	1600	10.7	24.8	40.5	1,210
	6	450	5.8	13.5	21.1	846
	7	550	5.8	13.5	21.0	846
	8	630	5.8	16.9	29.2	999
	9	680	7.4	17.9	30.8	1,055
	10	750	7.4	19.2	32.8	1,130
	10	800	7.4	20.2	34.0	1,181
	12	900	9.2	22.1	36.8	1,283
	13	1000	9.2	24.1	38.5	1,394
	14	1050	9.7	25.0	39.6	1,448
	15	1150	11.2 / 13.5	26.5	46.0	1,351
1.75	18	1350	15.8	30.3	53.1	1,443
	21	1600	18.7	35.0	59.2	1,614
	6	450	6.8	15.2	26.8	974
	7	550	6.8	15.2	26.8	974
	8	630	6.8	19.0	34.2	1,122
	9	680	8.6	20.2	35.9	1,185
	10	750	8.6	21.8	38.3	1,269
	10	800	8.6	22.9	39.7	1,326
	12	900	10.8	25.0	41.9	1,427
	13	1000	10.8	27.3	44.2	1,563
	14	1050	11.3	28.4	45.5	1,611
2.0	15	1150	13.1 / 13.5	30.3	53.7	1,561
	18	1350	15.8	34.7	62.4	1,670
	21	1600	18.7	40.2	69.5	1,870
	10	800	10.3	27.3	47.5	1,462
	12	900	13.3	29.7	50.4	1,527
	13	1000	13.3	32.4	55.0	1,700
	14	1050	13.3	33.7	56.4	1,766
	15	1150	15.0 / 19.2	35.5	64.0	1,548
2.5	18	1350	22.6	40.3	69.5	1,629
	21	1600	26.7	46.5	76.5	1,813
	10	800	13.1	32.2	58.5	1,646
	12	900	16.8	35.4	64.2	1,739
	13	1000	16.8	38.6	69.6	1,905
	14	1050	16.8	40.2	71.5	1,978
	15	1150	18.8 / 19.2	43.0	80	1913.0
	18	1350	22.6	49.0	87	2014.0
	21	1600	26.7	57.2	104	2265.0

Note : When power supply is not 380V, current is calculated by the following formula.

$$I' = I \times 380 / U'$$

I': System Current @ Power Supply Voltage that is not 380V

I: 380V Rated Current/Start Current

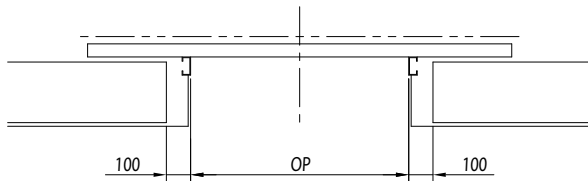
U': Power Supply Voltage that is not 380V

Data is based on standard criteria and may vary from project to project.

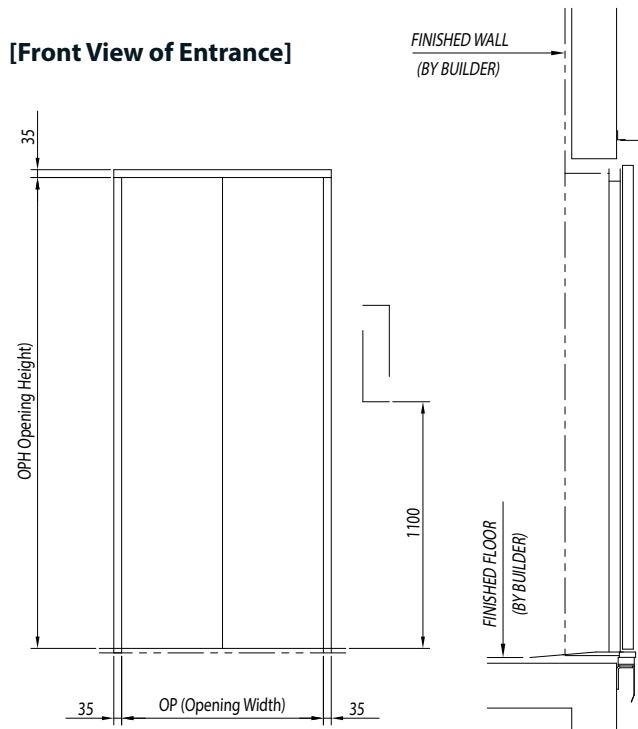
Jamb

Narrow Jamb

[Plan View of Entrance]

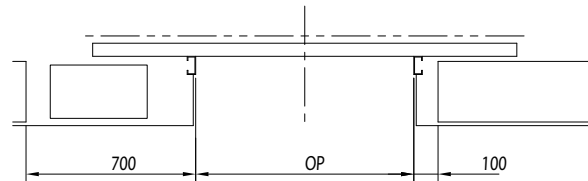


[Front View of Entrance]



Narrow Jamb (SOLON® 2.0 & Top Floor)

[Plan View of Entrance]



[Front View of Entrance]

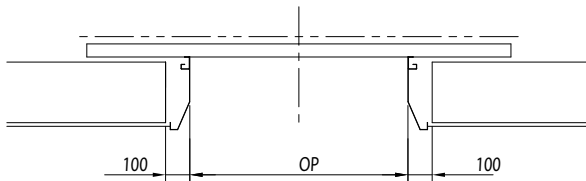


Note

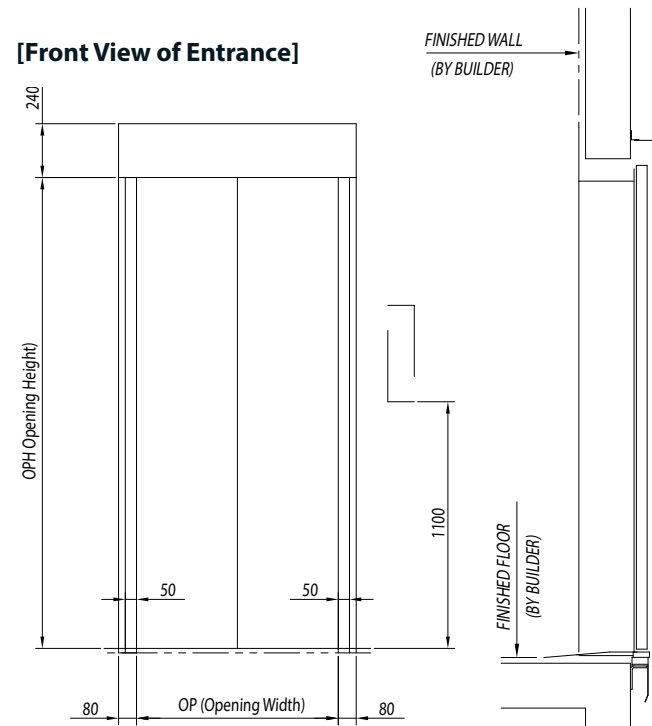
1. Landing door facade dimension for each floor which wide jamb installed must be same value.
2. Wall thickness for wide jamb(including decoration) for each floor which wide jamb installed must be same value.

Wide Tapered Jamb with Transom Panel

[Plan View of Entrance]

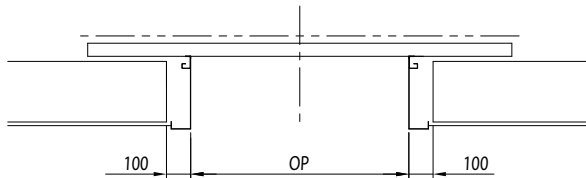


[Front View of Entrance]

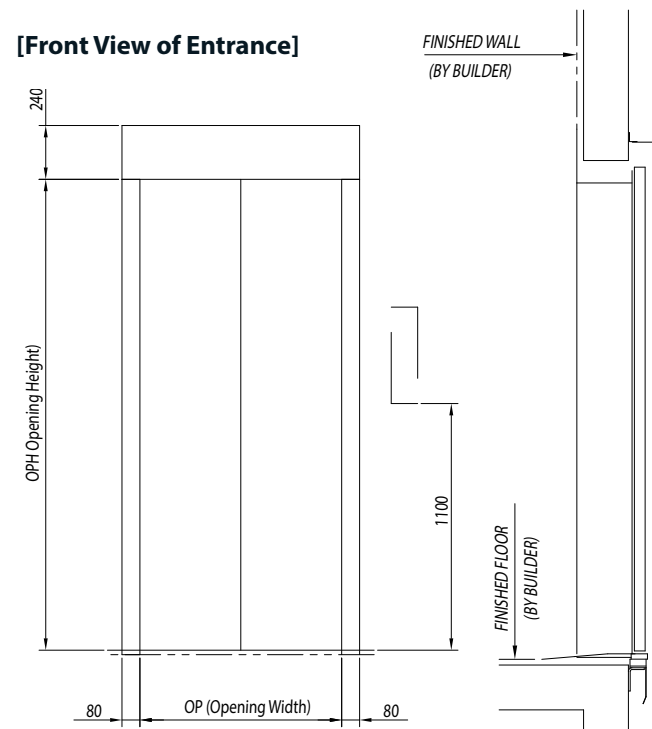


Wide Straight Jamb with Transom Panel

[Plan View of Entrance]



[Front View of Entrance]



Note

1. Landing door facade dimension for each floor which wide jamb installed must be same value.
2. Wall thickness for wide jamb(including decoration) for each floor which wide jamb installed must be same value.

Operational Functions

Available Functions_SOLON® 2.0

Standard							
ACP Anti Crime protection	ADO Advanced Door Open	ALARB Alarm bell	ALCOR Advanced Releveling	CCC Cancel error calls	CFT Cafeteria mode	EDP Electronic door protection	CSP Close Torque protection
CUT CALL Block floor	DCBL/DOBL Door close/open button light	DCP Delayed car protection	DDT Independent car/landing door control	DLM Door lock shortcut measure	DOB/DCB Door open/close button	DTC Door time protection -close	DTO Door time protection -open
ELTU Emergency Light	EN-CCO Call opposition direction cancel	EN-HCC Hall call cancel	ERO Electrical recall operation	FCL Full collective operation	HDI/CDI Hall/Car direction indicator	HPI/CPI Hall/car position indicator	ICU3 Intercom unit
LNS Load non stop	LOBBY Floor of lobby	LR Car light & ventilation	LWS Overload protection	NTSD Near terminal slow down	OHT Drive overheat protection	PKS Parking operation	RLEV Releveling
RE-OP Hall door re-open	RIN Re-initialize	SE Start Equalize	SELF-BTI Self brake torque inspection	SLD Safety landing	TCI Top of car inspection	VSC Voice speech comfort	UCMP Uncontrolled car movement protection

Optional							
ANS Anti-Nuisance	ARO Automatic Rescue Operation	ATT Attendant service	ISC Independent service	DHB Door hold button	EFO Emergency fireman operation	EFS2 Emergency fireman service (manual)	Group Group Control
BMS1 Building monitor port	BMS2 Building monitor RS485	SSM Speech Synthesis Module	CCM Car arrival bell	GSCS Safety shoe & Light screen	AMS Area Monitoring Screen	EPO Emergency Power Operation	EQO Earthquake Operation

Available Functions_MUSE™ 2.0

Standard							
ACP Anti Crime protection	ADO Advanced Door Open	ANS Anti-nuisance protection	CCC Car call cancel	CFT Cafeteria	COR Correction rescue run	CSP Close Torque protection	DCP Delayed car protection
DDT Independent car/landing door control	DOB/DCB Door open/close button	DTC Door time protection -close	DTO Door time protection - open	ECU Emergency car light unit	EMRO Electrical manual rescue operation	EN-CCO Call opposition direction cancel	EN-CK Door hold cancel
ERO Electrical recall operation	HDI/CDI Hall/Car direction indicator	HPI/CPI Hall/car position indicator	ICU5 Intercom unit	LNS Load non stop	LOBBY Floor of lobby	LWS Overload protection	NTSD Near terminal slow down
PKS Parking key switch	PRK Parking	RE-OP Hall door re-open	RIN Re-initialize	RLEV Releveling	SE Start Equalize	SLD Safety landing	TCI Top of car inspection
UCMP Uncontrolled car movement protection							
Optional							
ARO Automatic Rescue Operation	ATT Attendant service	BMS Building monitoring system	CCMS Car chime sound	DHB Door hold button	EFO Emergency fireman operation	EFS Emergency fireman service	EPO Emergency Power Operation
EQO Earthquake operation	ICUTYPE Type of ICU	ISC Independent service	MIT Moderate incoming traffic	MOT Moderate outgoing	MTR Monitoring room connected to the unit	NSB Nonstop botton	RSSML Reset speech synthesis module language
SSML SSM language							

Operational Functions

Available Functions_ACRA™ 2.0

Standard							
ACP Anti Crime protection	ADO Advanced Door Open	ALARB Alarm bell	ALCOR Advanced Releveling	CCC Car call cancellation	CFT Cafeteria mode	EDP Electronic door protection	CSP Close Torque protection
CUT CALL Block floor	DCBL/DOBL Door close/open button light	DCP Delayed car protection	DDT Independent car/landing door control	DLM Door lock shortcut measure	DOB/DCB Door open/close button	DTC Door time protection -close	DTO Door time protection - open
ELTU Emergency Light	EN-CCO Call opposition direction cancel	EN-HCC Hall call cancel	ERO Electrical recall operation	FCL Full collective operation	HDI/CDI Hall/Car direction indicator	HPI/CPI Hall/car position indicator	ICU3 Intercom unit
LNS Load non stop	LOBBY Floor of lobby	LR Car light & ventilation	LWS Overload protection	NTSD Near terminal slow down	OHT Drive overheat protection	PKS Parking operation	RLEV Releveling
RE-OP Hall door re-open	RIN Re-initialize	SE Start Equalize	SELF-BTI Self brake torque inspection	SLD Safety landing	TCI Top of car inspection	VSC Voice speech comfort	UCMP Uncontrolled car movement protection

Optional							
ANS Anti-Nuisance	ARO Automatic Rescue Operation	ATT Attendant service	ISC Independent service	DHB Door hold button	EFO Emergency fireman operation	EFS Emergency fireman service	Group Group Control
BMS1 Building monitor port	BMS2 Building monitor RS485	SSML SSM language	CCMS Car chime sound	GSCS Safety shoe & Light screen	AMS Area Monitoring Screen	EPO Emergency Power Operation	NSB Nonstop bottom
MIT Moderate incoming traffic	MOT Moderate outgoing	MTR Monitoring room connected to the unit					



Sigma head office
8F Two IFC, 10 Gukjegeumyung-ro,
Youngdeungpo-go, Seoul 07326, Korea



ISO 9001
Certificate



ISO 14001
Certificate



ISO 50001
Certificate

Sigma constantly endeavors to improve products. Please note that the information in this catalog is subject to change without prior notice.

© 2025 Sigma Elevator Company. All rights reserved.

2025. 11 / Revision 4