


EAECL-HS

EAST AFRICAN ELEVATOR CO LIMITED

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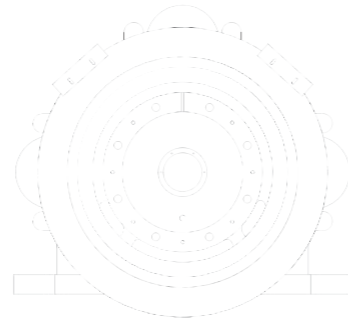
 info.ke@eaecl.net



Multiple Security Technology

PMSM

Imported brake is selected to ensure the high speed operation and safety and stability of the elevator.



Terminal Stroke Reduction

Shorten buffer stroke, reduce pit depth and overhead height.

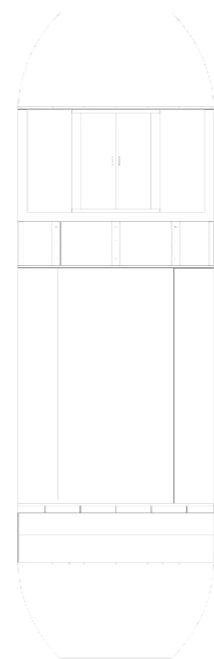
Car Absolute Position Signal System (Optional)

Detect the car position is $\leq 1\text{mm}$, to realize accurate leveling, door pre-opening, door opened re-leveling, UCMP function and other functions.

Comfortable Ride Experience

Fairing Design

Reduce wind resistance and pressure, car vibration and noise.

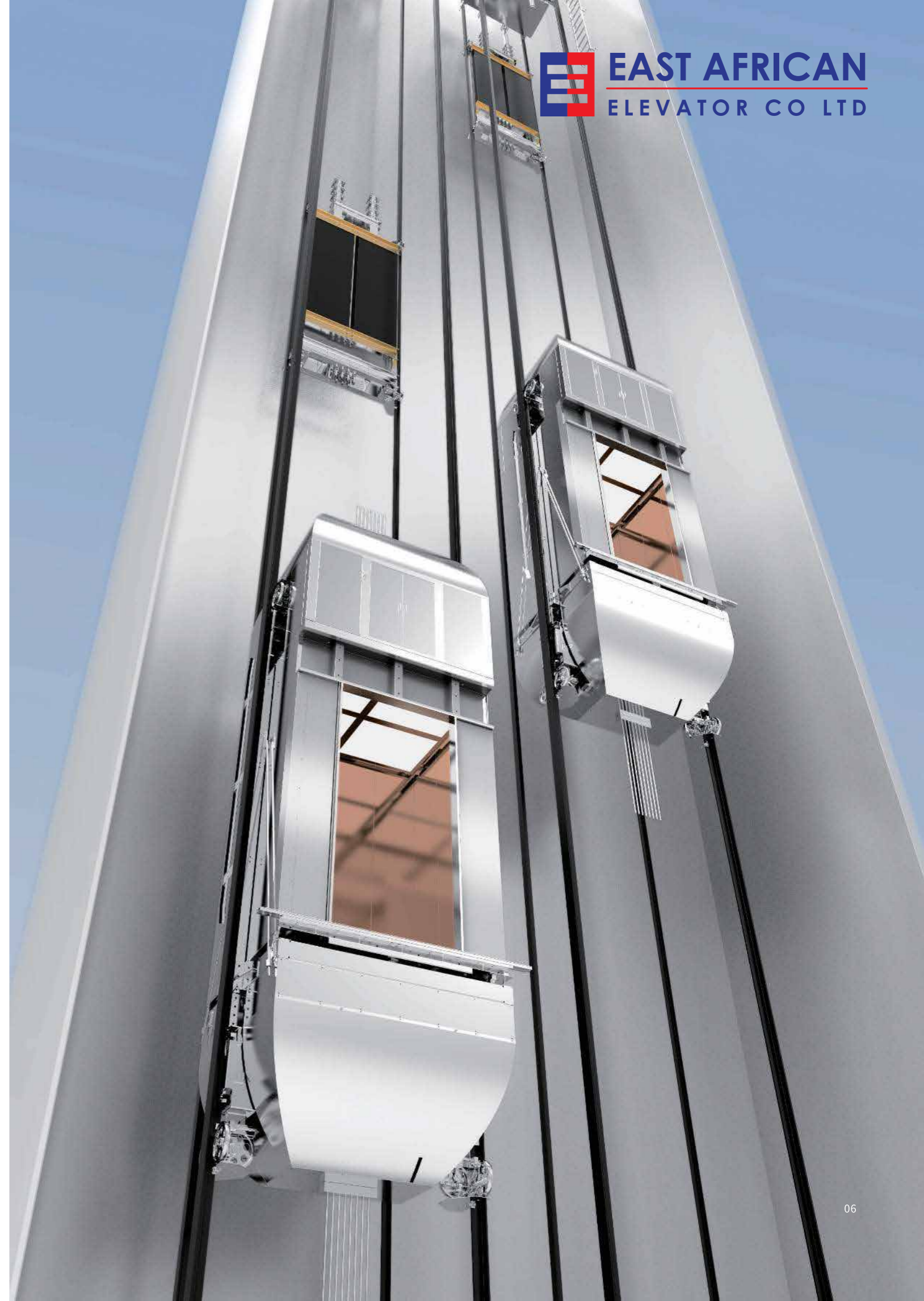


All New Structure of Car

Double car wall and sound insulation technology to ensure quiet of the car.

DCS

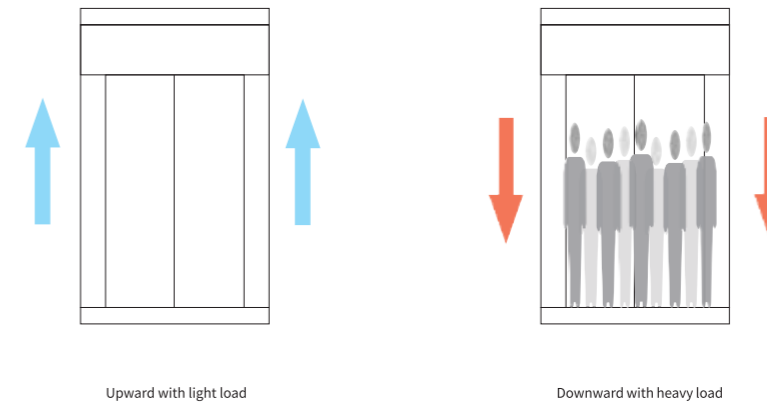
Improve operation efficiency and reduce passenger waiting time.



Power Regeneration Device

When the elevator upward with light load and downward with heavy load, the potential energy of the elevator is converted into electric energy under braking state, which is transmitted to the power grid through the energy feedback system and supplied to other nearby electric equipment for use.

Reduce harmonic pollution and improve power factor.



Reduce the heat output and temperature in the machine room, and improve the service life of elevator equipment.



DCS

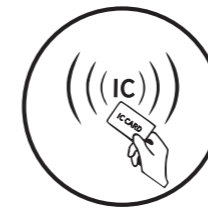
DCS and Card Entrance Guard Gate Machine Linkage (Optional)

Intuitive elevator distribution guidance reduces passenger waiting time and elevator running time. The linkage of the gate machine, card swipe and the DCS improves the safety and simplify the operation.



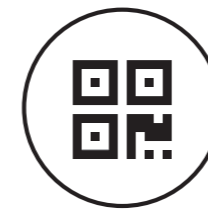
Destination Floor Selection (Optional)

Customize elevator according to the number of passengers in the building and the destination floor. Speed up the floor selection, so that passengers can reach the destination floor quickly and accurately.



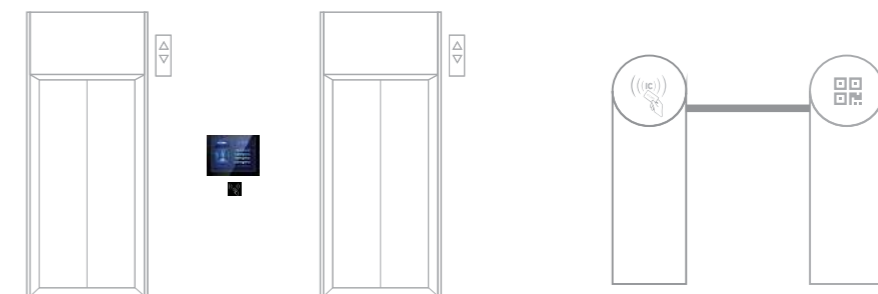
IC Card Direct Drive (Optional)

After swiping the card, the elevator will directly send the passenger to the card preset designated floor, without using COP and HOP, to realize passenger exclusive identity authentication and strengthen building management security.



QR Code Direct Drive (Optional)

The principle is same as IC Card Direct Drive. Scan the passenger's mobile phone QR Code to realize the direct drive function, further improving the convenience and safety of the operation, and realizing the intelligent interconnection of mobile phone and elevators.



DCS Group Control and ID Card Direct Drive Linkage

Card Entrance Guard and QR Code Direct Drive Linkage

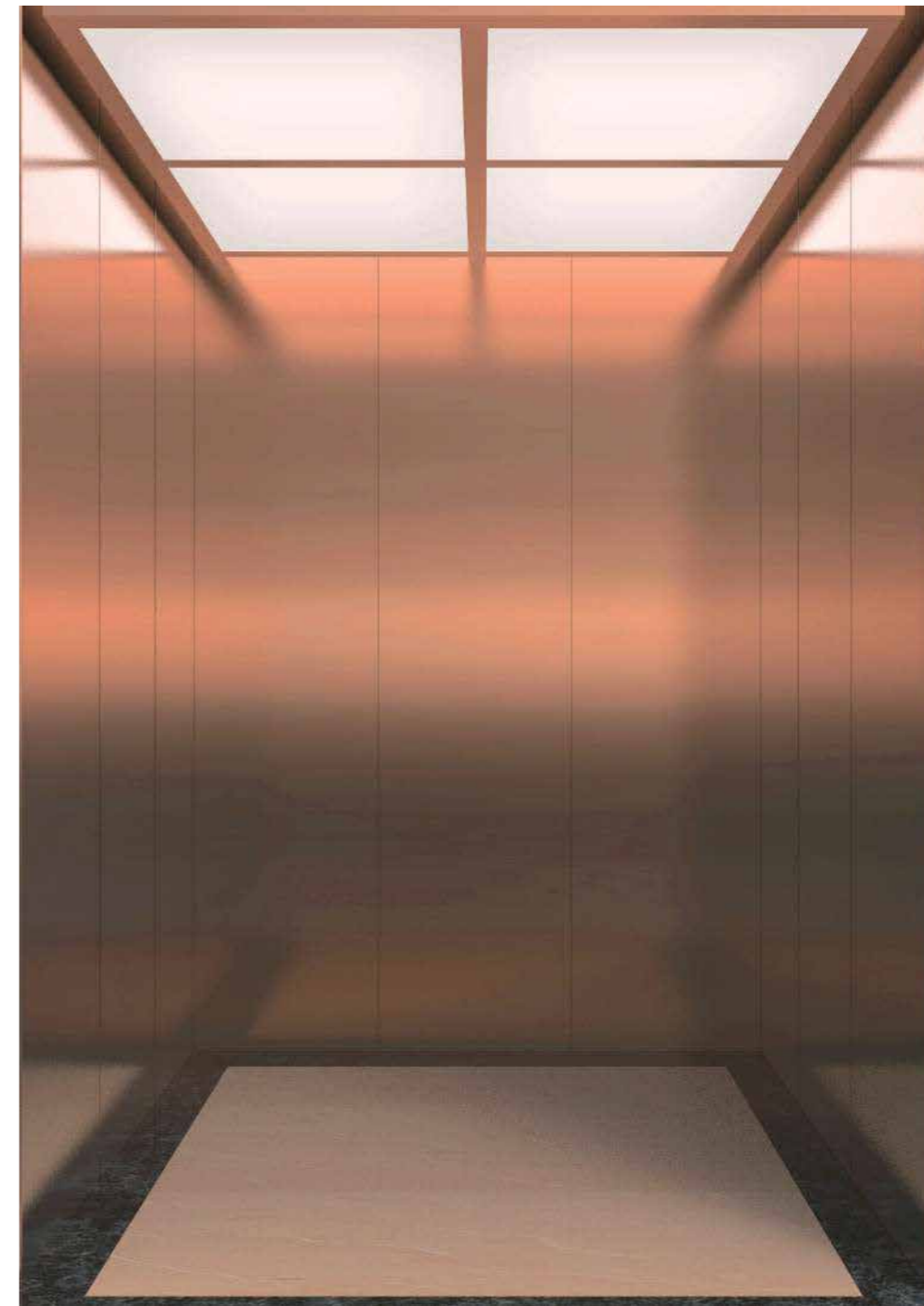
Decoration

CAR
Standard & Optional



CAR80-02

Ceiling Hairline Stainless Steel / LED / Mirror Etching Stainless Steel
 Front Wall Hairline Stainless Steel
 Side Wall Two Sides:Hairline Stainless Steel / Middle:Mirror Etching Stainless Steel
 Back Wall Two Sides:Hairline Stainless Steel / Middle:Mirror Etching Stainless Steel
 Car Door Hairline Stainless Steel
 Floor PVC



CAR90-07

Ceiling Golden Rose Mirror Stainless Steel/ Acrylic Light
 Front Wall Golden Rose Hairline Stainless Steel
 Side Wall Golden Rose Hairline Stainless Steel
 Back Wall Golden Rose Hairline Stainless Steel
 Car Door Golden Rose Hairline Stainless Steel
 Floor Marble

Decoration

CAR
 Standard & Optional



CAR99-11

Ceiling Mirror Stainless Steel with Bronze Frame / Acrylic Light / PC Transparent Plate
 Front Wall Bronze Hairline Stainless Steel
 Side Wall Two Sides: Bronze Mirror Stainless Steel / Middle: Framed Glass Mirror
 Back Wall Two Sides: Bronze Mirror Stainless Steel / Middle: Framed Glass Mirror
 Car Door Bronze Hairline Stainless Steel
 Handrail Two Sides: Mirror Stainless Steel / Middle: Solid Wood
 Floor Marble Block Floor



CAR90-08

Ceiling Black Titanium Mirror Stainless Steel / Acrylic Light
 Front Wall Bronze Hairline Stainless Steel
 Side Wall Bronze Hairline Stainless Steel / Middle: Black Titanium Mirror Stainless Steel
 Back Wall Two Sides: Bronze Hairline Stainless Steel/Middle: Black Titanium Mirror Stainless Steel
 Car Door Mirror Stainless Steel
 Floor PVC

Decoration

COP & HOP
Standard & Optional



COP35-00
LCDS081
COP35-00(Standard)
Panel: Hairline Stainless Steel
Display: LCDS081

COP31-00
LCDM084
COP31-00(Optional)
Panel: Hairline Stainless Steel
Display: LCDM084

COP23-00
LCDM121
COP23-00(Optional)
Panel: black lacquered glass
Display: LCDM121



HOP23-00
HOP23-00(Standard)
Panel: Black Paint glass
Display: Dot-matrix



HOP38-00
HOP38-00(Optional)
Panel: Hairline Stainless Steel/
Dark Grey Organic Glass
Display: Black Background white
Segment Monochrome
LCD



HOP41-00
HOP41-00(Optional)
Panel: Hairline Stainless Steel/
Dark Grey Organic Glass
Display: White LED Dot Matrix with
Black Background

Decoration

Multimedia display
Optional



LCDP070(Optional)
Display:Picture machine LCD
Size:7 Inches(154*86mm)



LCD M084(Optional)
Display:Picture machine LCD
Size:8.4 Inches(172X129mm)



LCD M104(Optional)
Display:Picture machine LCD
Size:10.4 Inches(214X161mm)



LCD M121(Optional)
Display:Picture machine LCD
Size:12.1 Inches(305X254mm)

Hall lantern Optional



AL05



AL06



AL07

COP and HOP style for reference, color and front wall consistent, specific details please consult local sales.

Decoration

Landing Door Decoration
 Standard & Optional



(Standard)

Hall Door	L01-00 Hairline Stainless Steel
Narrow Door Jamb	LDJ01-00 Hairline Stainless Steel
Sill	Extruded Aluminum



(Optional)

Hall Door	L02-00 Mirror Etching Stainless Steel
Straight Wide Door Jamb	LDJ02-04 Mirror Stainless Steel
Sill	Extruded Aluminum



(Optional)

Hall Door	L02-06 Mirror Etching Stainless Steel
Slope Wide Door Jamb	LDJ03-04 Mirror Stainless Steel
Sill	Extruded Aluminum



(Optional)
 DCS

Hall Door	L01-00 Hairline Stainless Steel
Slope Wide Door Jamb	LDJ03-00 Hairline Stainless Steel
Sill	Extruded Aluminum

EAECL-HS

Standard functions

Run Function		
01	FSC	Full Selective Collection
02	FLP	Full Load By-pass
03	CCR	Car Call Reset
04	DOB/DCB	Door Open/Door Close Button
05	DOBL/DCBL	Door Open/Door Close Button Light
06	RODI	Re-operation by Data Initialization
07	AHL	Automatic Home Landing
08	ANCCP	Anti-nuisance Car Call Protection
09	DRLC	Door Reopening by Landing Call
10	TCS	Torque Compensation in Start
11	DPT	Direct Parking Technology

Safe Function		
12	FSD	Fault Self-diagnosis
13	FS	Fault Storage
14	PSFD	Power Supply Feedback Detection
15	OP	Overload Protection
16	LCP	Light Curtain Protection
17	DRP	Door Reverse Protection
18	SDM	Speed Monitor
19	DIP	Door Interlock Protection
20	LZG	Landing Zone Guard
21	DCOP	Descending Car Overspeed Protection Means
22	ACOP	Ascending Car Overspeed Protection Means

Standard functions

Safe Function		
23	DFD	Direction Feedback Detection
24	BG	Brake Guard
25	CNRP	Contactor Non-releasing Protection
26	BMD	Brake Monitoring Device
27	ESFD	End Station Forced Deceleration
28	BSP	Buffer Safety Protection
29	PSTP	Power-on Self-test Protection
30	ALRFM	Anti-locked-rotor Feature of Motor
31	SCC	Star Circuit Closure
32	RALP	Rope Anti-loose Protection
33	EW	Electronic Weighting
34	ESC	Electric Safety Chain
35	UCMP	Unintended Car Movement Protection Device
36	LD&CDBD	Landing Door & Car Door Bypass Device
37	DCD	Door Circuit Detection

Special operating		
38	AO	Attendant Operation
39	BS	Bypass Switch
40	IS	Independent Service
41	MFS	Main Floor Setting
42	FFS	Firefighting Floor Setting
43	INS	Inspection Operation
44	FCPS	Flexible Car Park Set

EAECL-HS

Standard functions

Man-machine interface		
45	DI	Direction Indicator
46	PI	Position Indicator
47	FMFS	Floor Mark Flexible Set
48	AG	Arrival Gong

Emergency Function		
49	AB	Alarm Bell
50	ECL	Emergency Car Light
51	INTCOM	Intercom Device
52	EFO	Emergency Fire Operation
53	EFLF	Emergency Fire Landing Feedback
54	EEO	Emergency Electrical Operation

Energy-saving Function		
55	PS	Parking Service
56	ESS	Energy Saving Standby

Optional functions

01	DCO	Duplex Control Operation
02	GCO	Group Control Operation

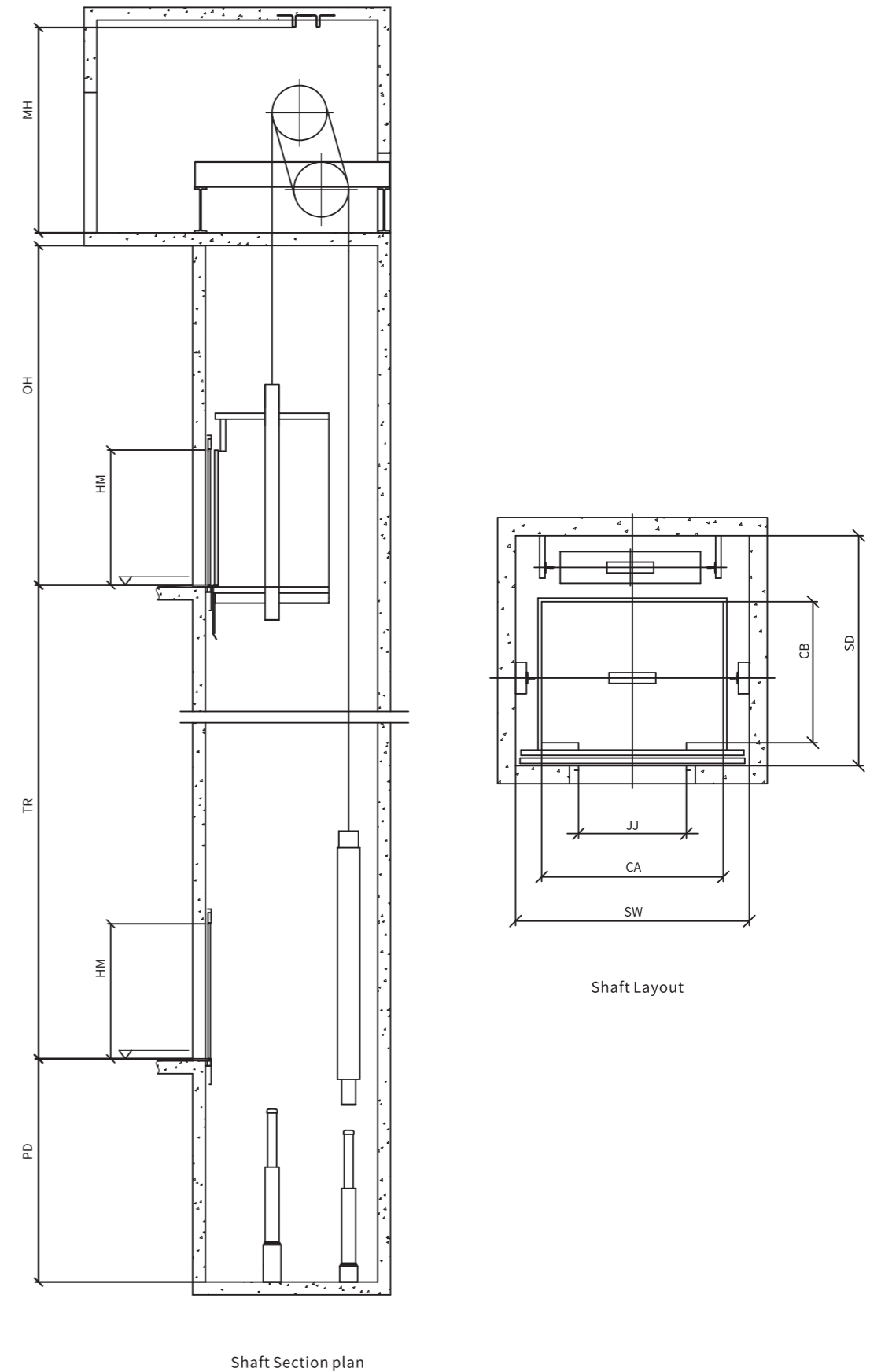
Optional functions

03	IADO	In Advance Door Opening
04	REL	Re-leveling
05	ARD	Automatic Rescue Device
06	EAC	Elevator Air Conditioner
07	PF	Power Filter
08	PRD	Power Regeneration Device
09	CMS	Community Monitoring System
10	EMP	Elevator Monitoring Panel
11	COPIC	COP IC Card Management
12	HOPIC	HOP IC Card Management
13	VIP	VIP Bypass
14	SCOP	Sub-COP
15	DPCOP	Disabled Person COP
16	VBS	Voice Broadcast System
17	BB	Braille Button
18	ACS	Accessibility
19	MOIH	Multi-office Intercom Host
20	CCTVC	CCTV Cable
21	ED	Emergency Doors
22	TD	Trap Doors
23	CSG	Counterweight Safety Gear
24	DSEP	Door Safety Edge Protection

EAECL-HS TECHNICAL SPECIFICATION

NO.	Specification	800(10P)			1050(13P)			1150(15P)			1275(17P)			1350(18P)			1600(21P)		
01	Rated capacity(kg)	800			1050			1150			1275			1350			1600		
02	Speed(m/s)	3.0	3.5	4.0	3.0	3.5	4.0	3.0	3.5	4.0	3.0	3.5	4.0	3.0	3.5	4.0	3.0	3.5	4.0
03	Control system	Full collective operation																	
04	Driving system	VVVF Driving																	
05	Door control	VVVF Door control																	
06	Traction machine	PM/Gearless																	
07	Master control system	CTRL90																	
08	Communication method	CANBUS Serial Communication																	
09	Car size(W*D*H)	1400*1350*2500			1600*1500*2500			1700*1500*2500			1850*1500*2500			1950*1500*2500			1950*1750*2500		
10	Door opening size(W*H)	(CO) 800*2100			(CO) 900*2100			(CO) 1000*2100			(CO) 1100*2100			(CO) 1100*2100			(CO) 1100*2100		
11	Travel height(TR)	≤200m																	
12	Hoistway size(W*D)	2000*2300			2200*2400			2300*2400			2500*2400			2600*2400			2600*2600		
13	Machine Room	2500																	
14	Overhead(OH)	5300	5300	5700	5300	5300	5700	5300	5300	5700	5300	5300	5700	5300	5300	5700	5700	6000	6300
15	Pit depth(PD)	3200	3200	3400	3200	3200	3400	3200	3200	3400	3200	3200	3400	3200	3200	3400	3200	3400	3900

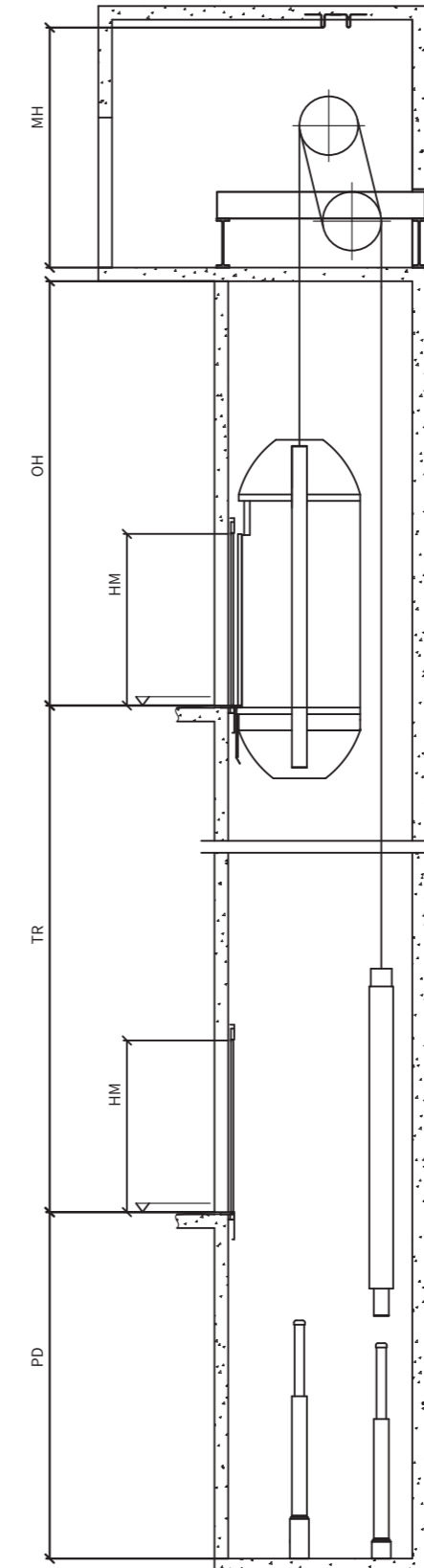
Note: The standard adopts the Terminal Stroke Reduction. When not used, the overhead and the pit depth should be increased.



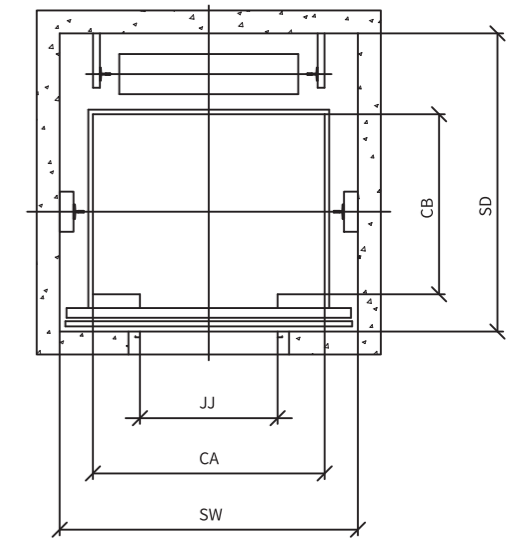
EAECL-HS TECHNICAL SPECIFICATION

NO.	Specification	1350(18P)				1600(21P)			
01	(kg) Rated capacity(kg)	1350				1600			
02	(m/s) Speed(m/s)	5.0	6.0	7.0	8.0	5.0	6.0	7.0	8.0
03	Control system	Full collective operation							
04	Driving system	VVVF Driving							
05	Door control	VVVF Door control							
06	Traction machine	PM/Gearless							
07	Master control system	CTRL90							
08	Communication method	CANBUS Serial Communication							
09	Car size(W*D*H)	1950*1500*2800				1950*1750*2800			
10	Door opening size(W*H)	(CO) 1100*2400				(CO) 1100*2400			
11	Travel height(TR)	≤220	≤260	≤300	≤320	≤220	≤260	≤300	≤320
12	Hoistway size(W*D)	2600*2450				2600*2450			
13	Machine Room	2500							
14	Overhead(OH)	6900	6900	7300	8300	6900	6900	7300	8300
15	Pit depth(PD)	4400	4800	5400	6200	4400	4800	5400	6200

Note: The standard adopts the Terminal Stroke Reduction. When not used, the overhead and the pit depth should be increased.



Shaft Section plan



井道平面布置图
Shaft Layout