

Note

Specifications, options and colors are subject to change. All cars and options illustrated in this brochure are representative only. The samples shown may vary from the original in color and material.



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Quality Management System Certification

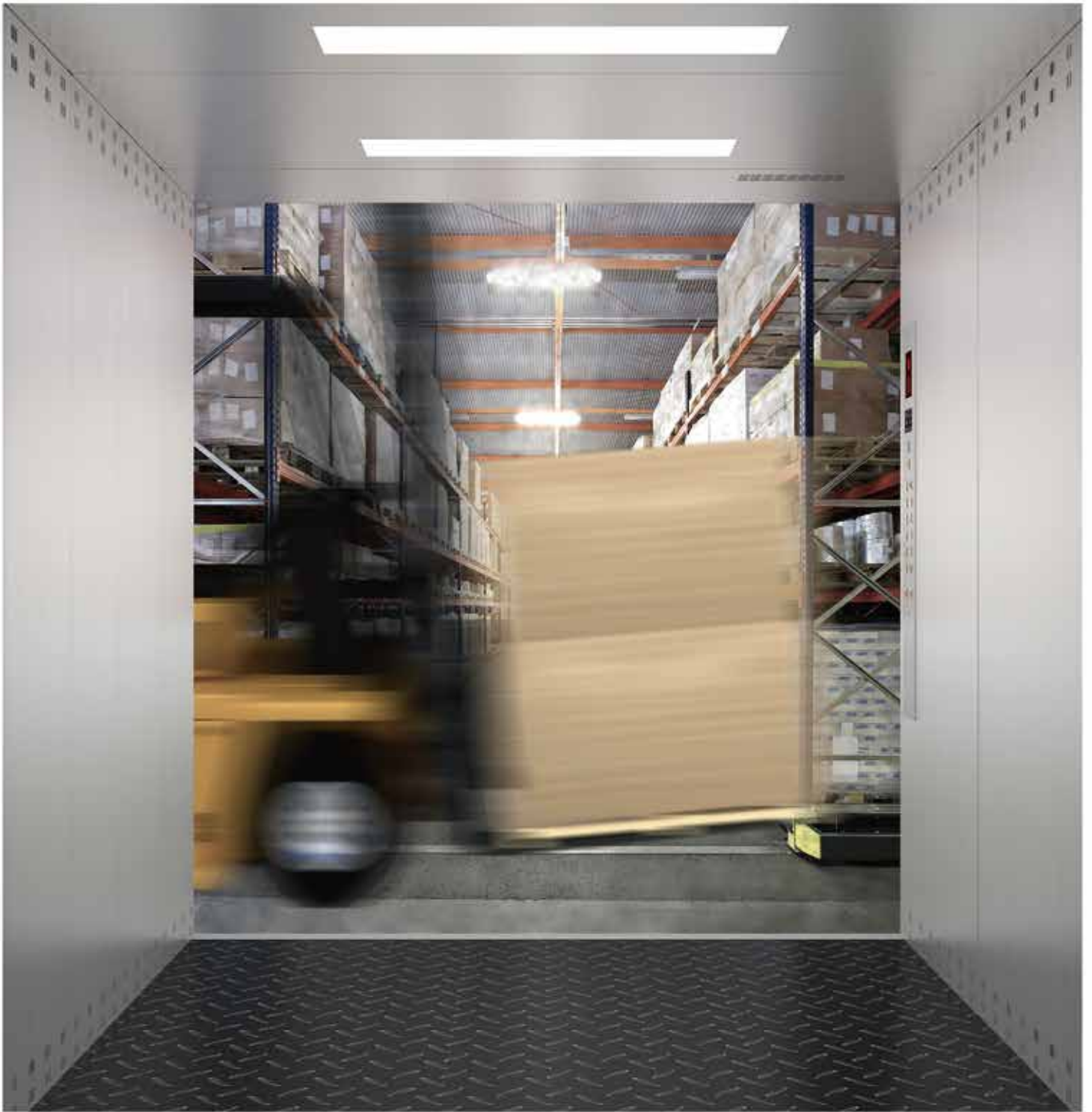


OHSAS1800 Occupational Safety and Health Management System Certification

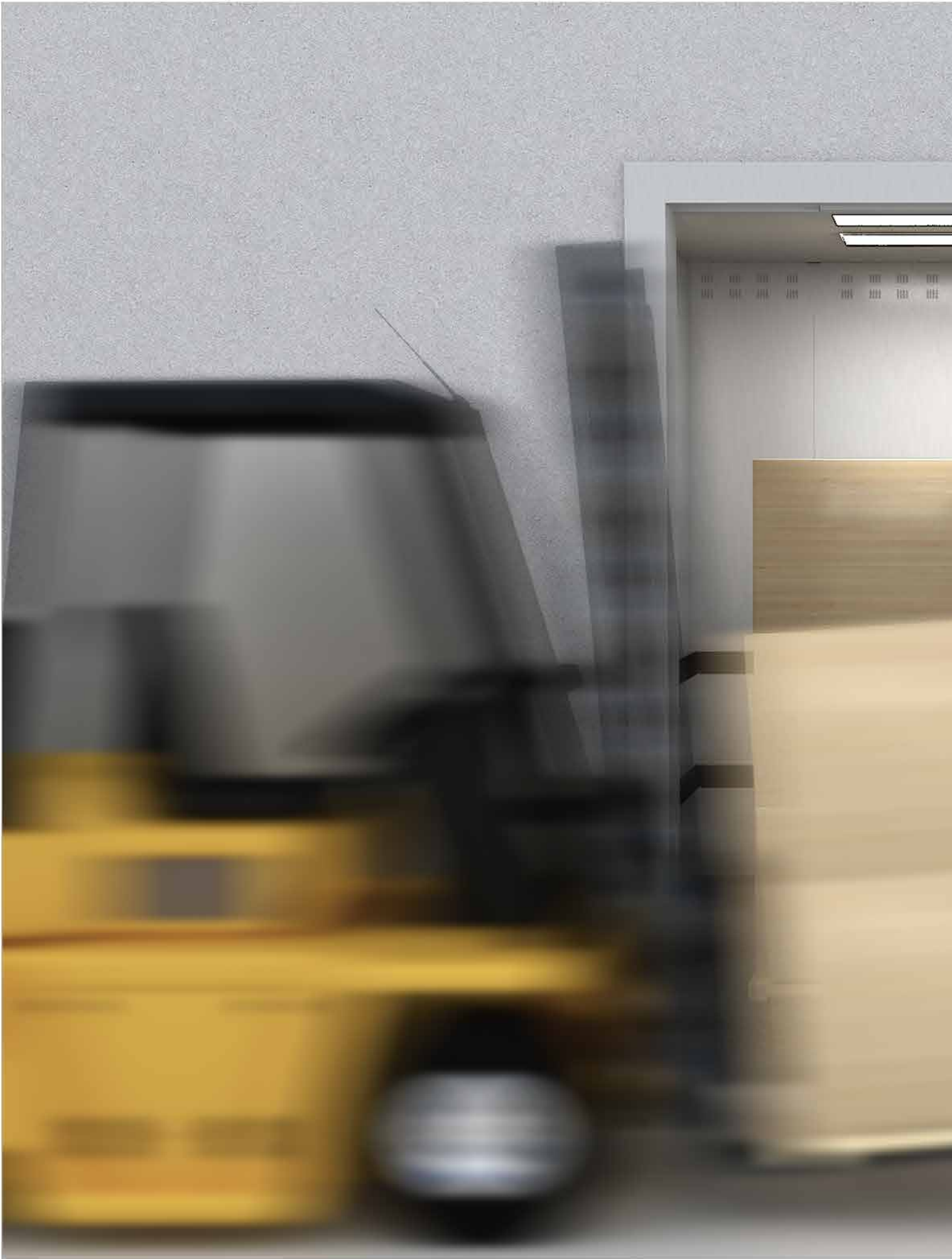


ISO14001: Environmental Management System Certification





XJS Freight



Outstanding performance





Flexible application





Safe and efficient



AMADO CORP
NAME:ILSHIN LAB CASE
SIZE: LARGE(132x132x73mm)
QUANTITY: 90 PCS
MADE IN CHINA

Outstanding performance

With the combination of powerful driving system, robust mechanical structure and high technology control unit, our enhanced product 'XJS Freight' is engineered for safe, smart and efficient mobility.

It is not only beneficial for transporting heavy goods in industrials, but also widely used in hospitals, shopping malls, etc.

Efficient permanent magnet synchronous machine

- ◆ Powerful drive, provide safe and optimum ride
- ◆ High precision, mechanical deformation is minimized
- ◆ Low temperature rise, reliable for long operating hours
- ◆ Quiet operation

Intelligent door system

- ◆ Self-learning, to smooth the curves for door opening and closing
- ◆ Modular design, less spare parts
- ◆ Easy commissioning via a compact control panel
- ◆ Terminals are available, provide flexible interface to various devices

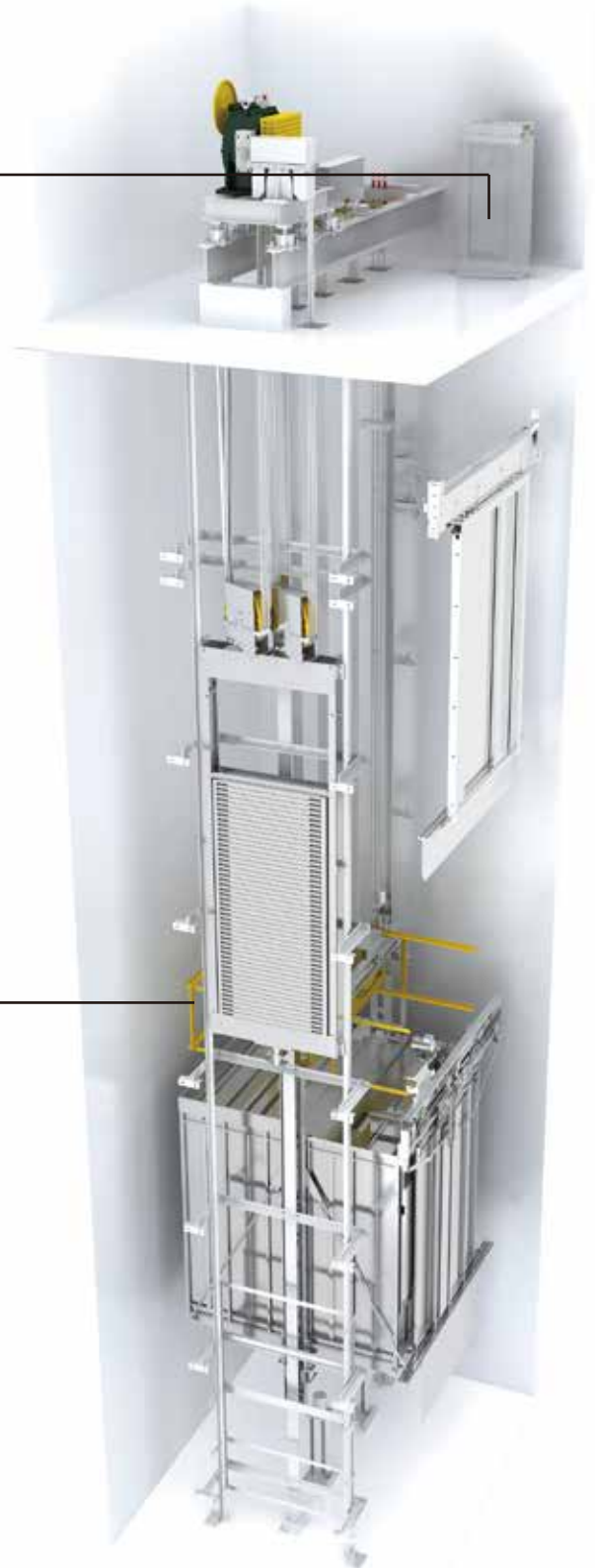


Safe and efficient

- ◆ Active safety protection
Unintended car moving protection device, protect passengers from been harmed by car unintended slipping.
- ◆ Protection device in locking zone
To prevent from falling accident caused by forced opening door

Reliable Components

- ◆ Stable delivery is available with strong car and car frame structure
- ◆ The surface of machinery is protected by electro-phoresis process so that using lifetime is extended





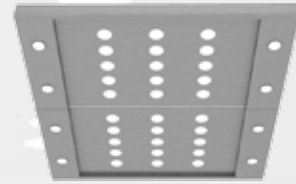


Car interior finishes

Ceiling



X78C



X79C
(only for 2000-3000kg)

Wall

Powder coated -
Electro gray

Powder coated -
Monet green

Stainless steel -
Hairline finish

Floor

Steel chequered plate

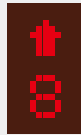
Stainless steel
chequered plate (optional)

PVC
(optional)

User interface



Ultra-thin
S/S mirror finish



LED



LCD
(optional)



LED horizontal indicator
S/S mirror finish
(optional)



Ultra-thin
without indicator
S/S mirror finish



DZD-JF
(optional)



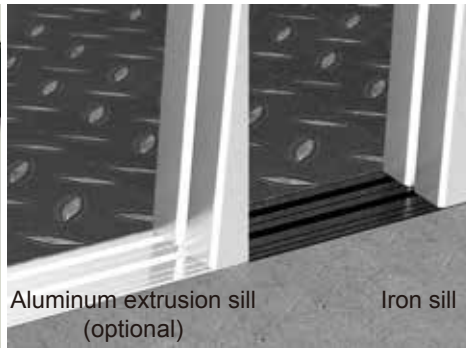
DZD-JS
(optional)



S/S hairline finish

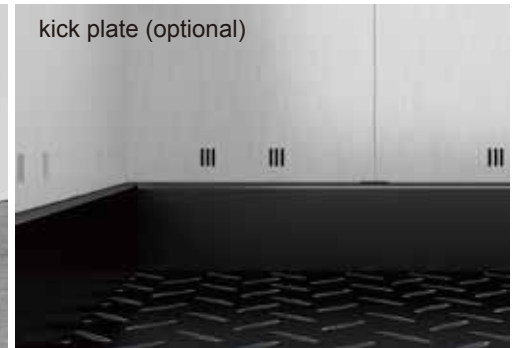


Bumper(optional)



Aluminum extrusion sill
(optional)

Iron sill



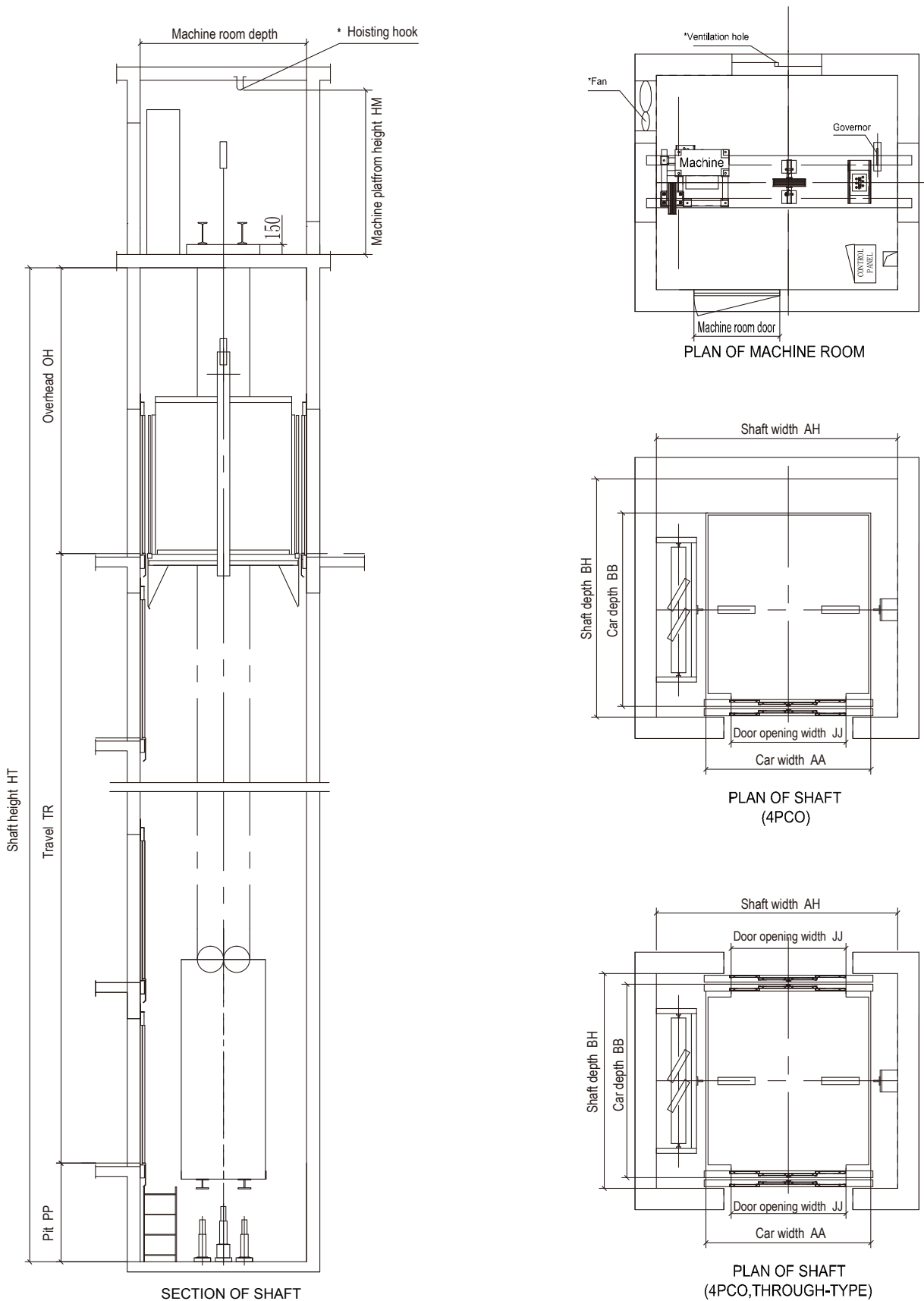
kick plate (optional)



Handrail (optional)

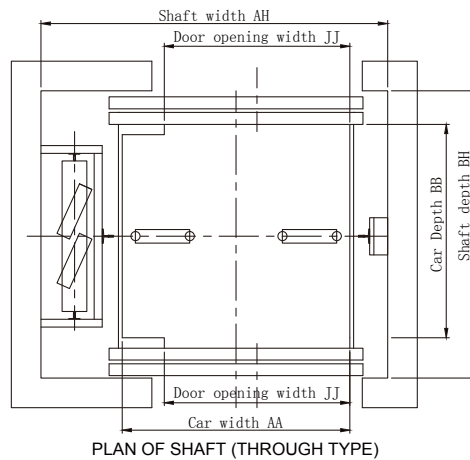
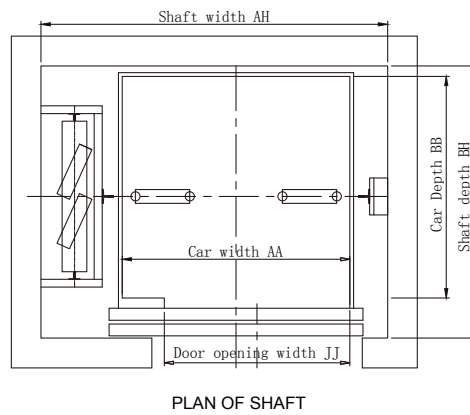
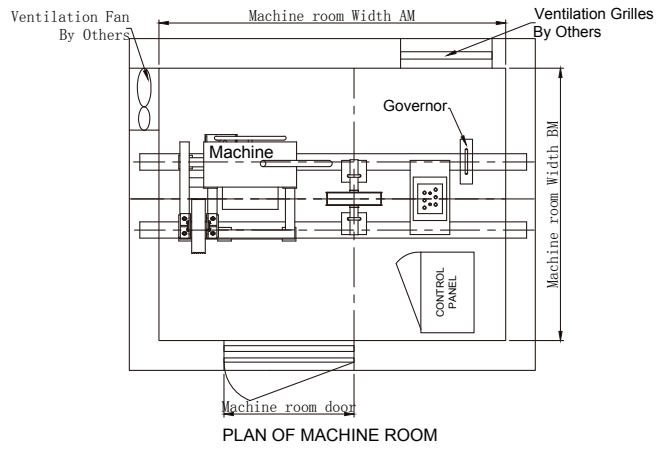
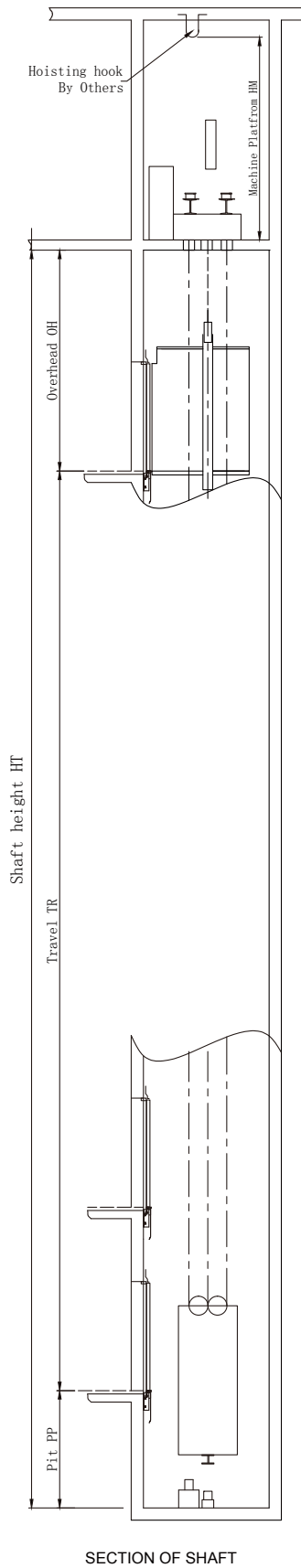
Car operating panel
for handicapped
(optional)

Standard shaft layout drawing 2000kg(general freight lift)

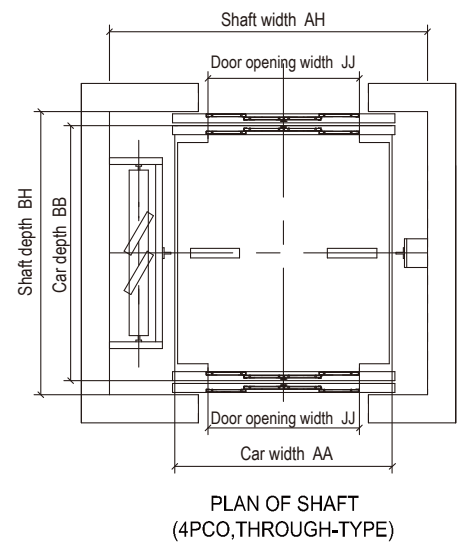
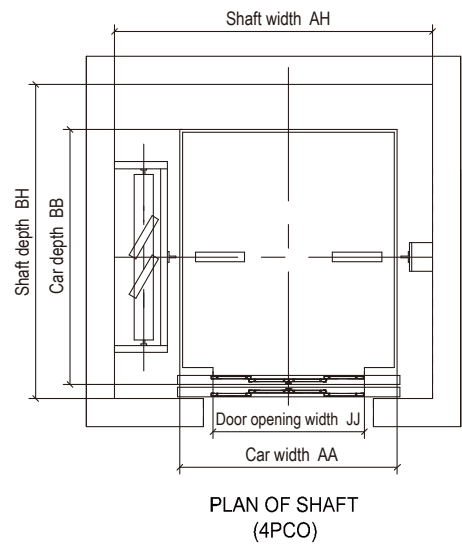
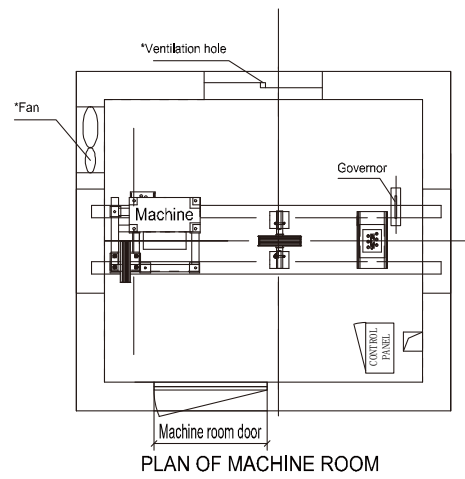
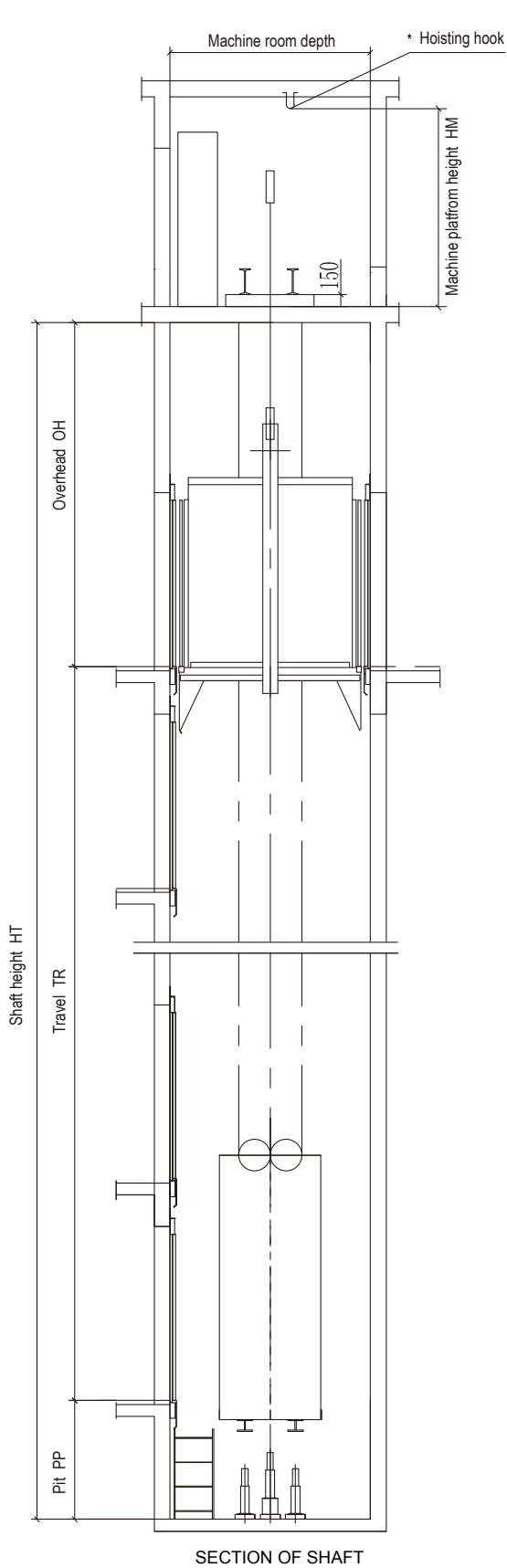


* Provided by others

Standard shaft layout drawing 2000kg (Side opening)

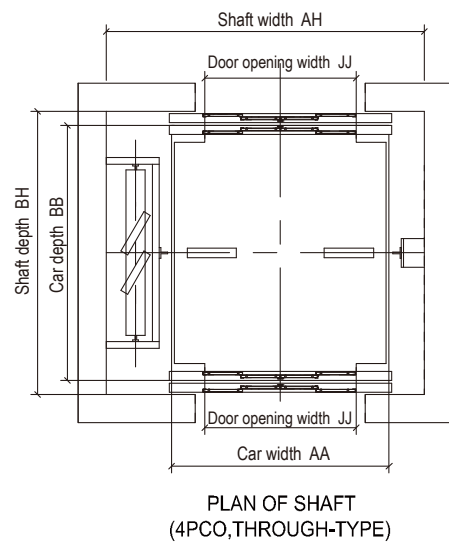
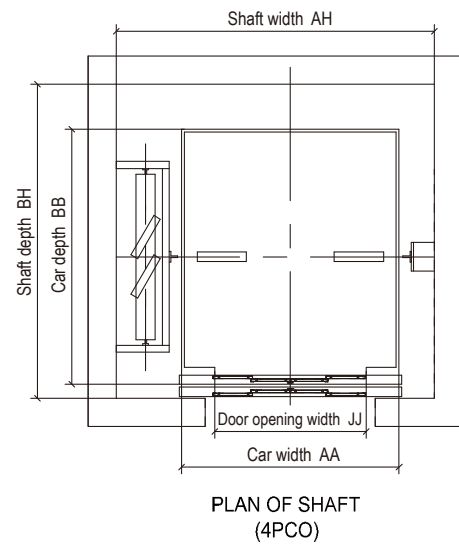
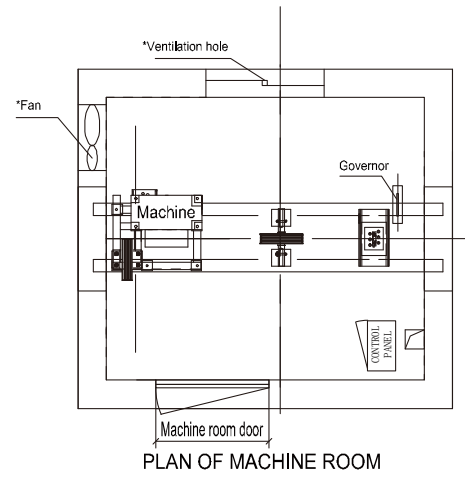
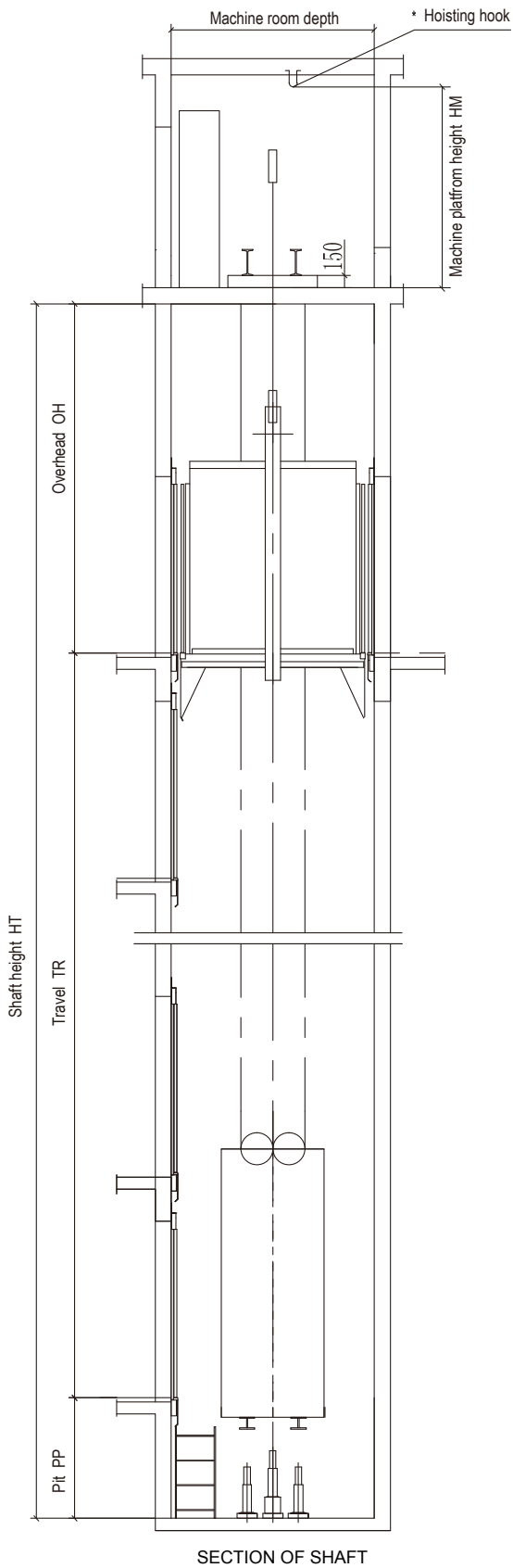


Standard shaft layout drawing 2000kg(loading 4-wheel industrial truck)



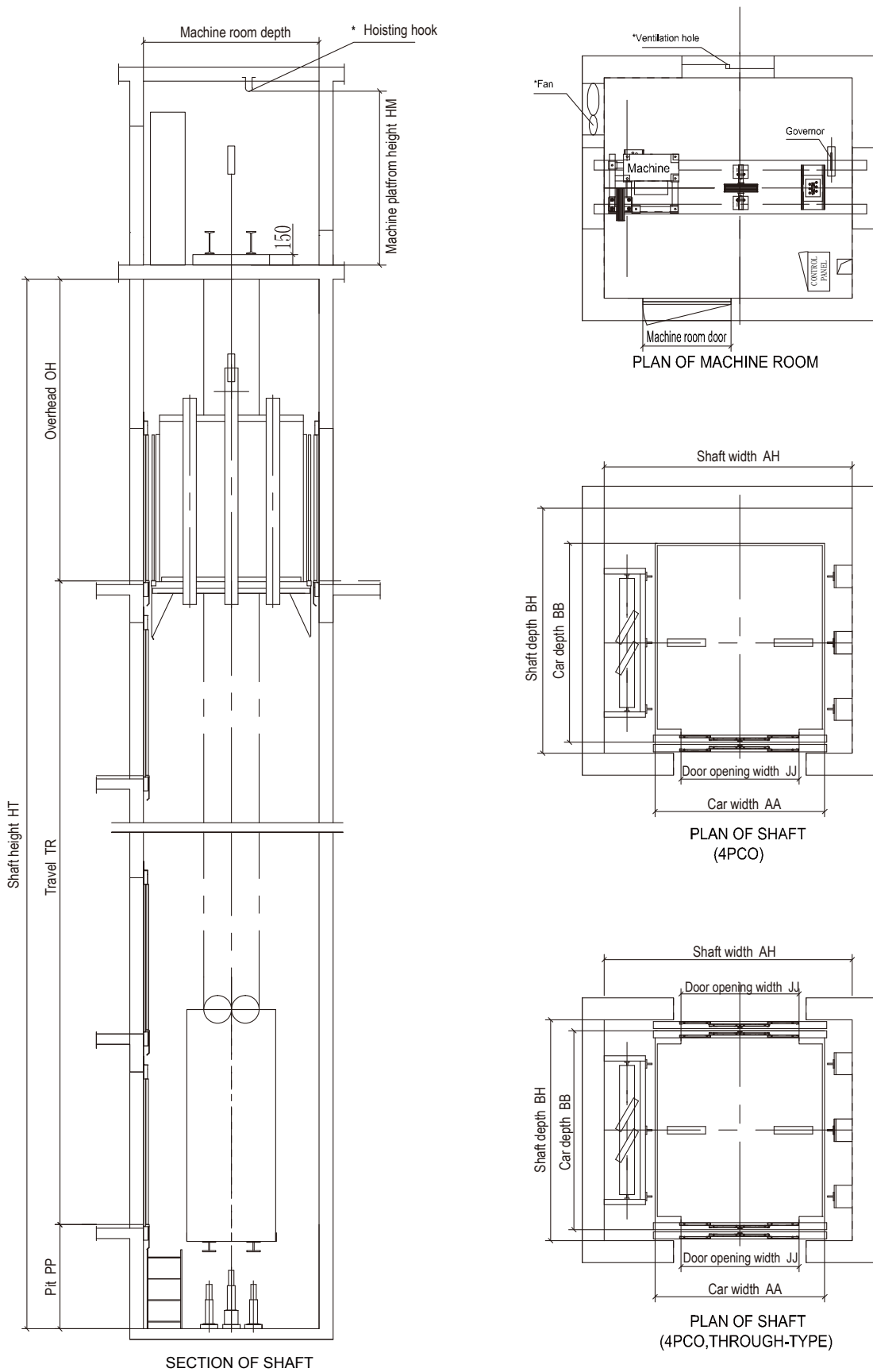
* Provided by others

Standard shaft layout drawing 2500kg-3000kg(general freight lift)



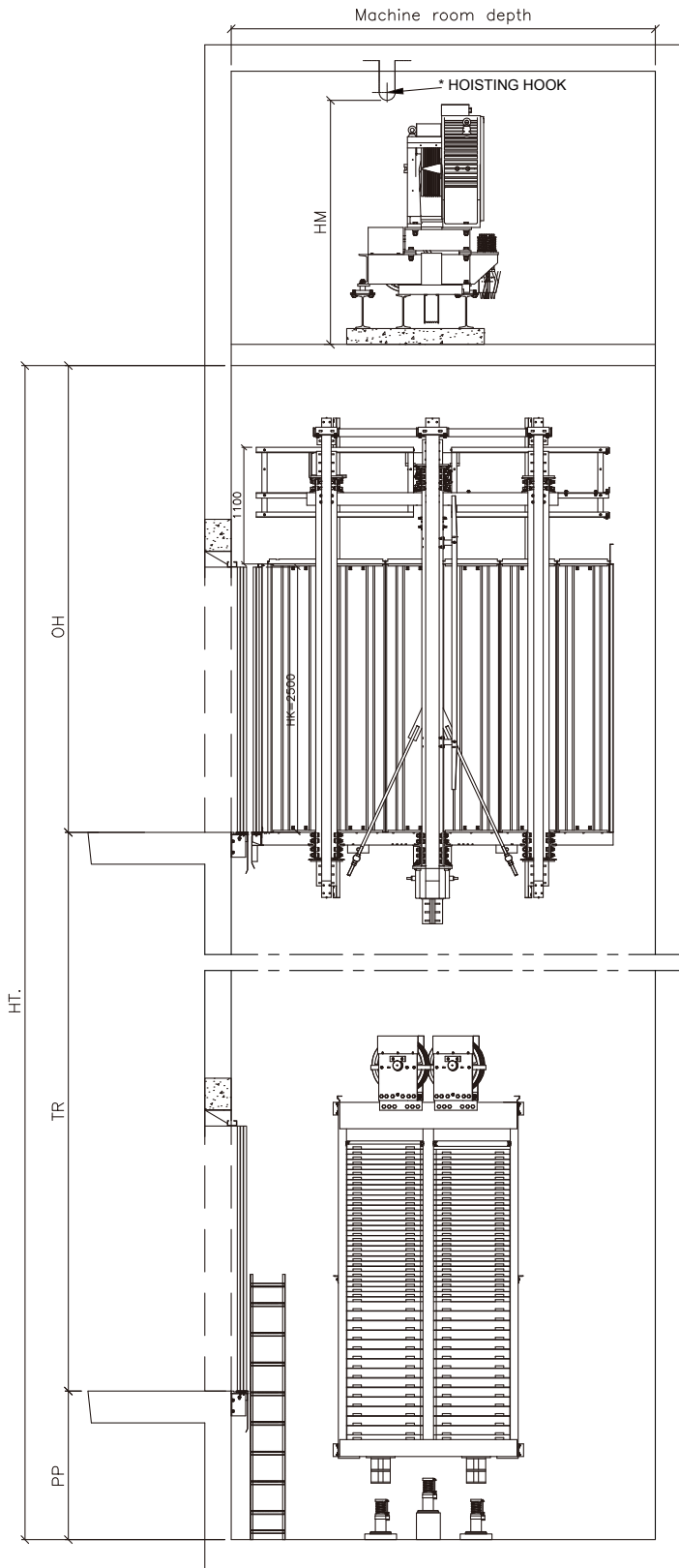
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Standard shaft layout drawing 2500kg-3000kg (loading 4-wheel industrial truck)



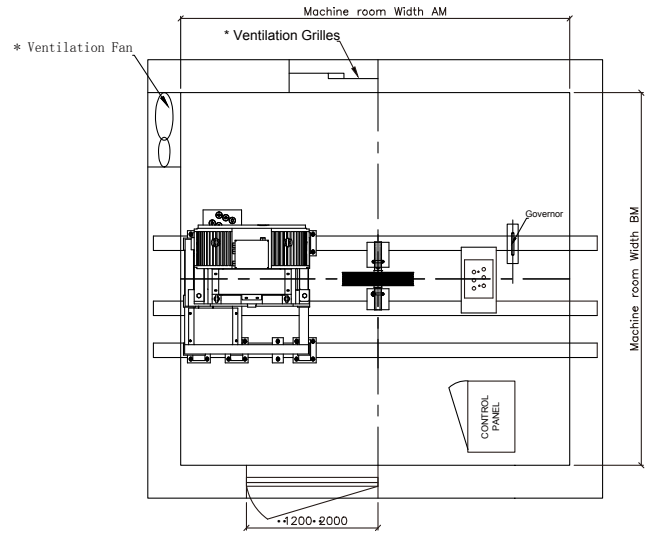
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Standard Shaft Layout Drawing 3500kg-4500kg

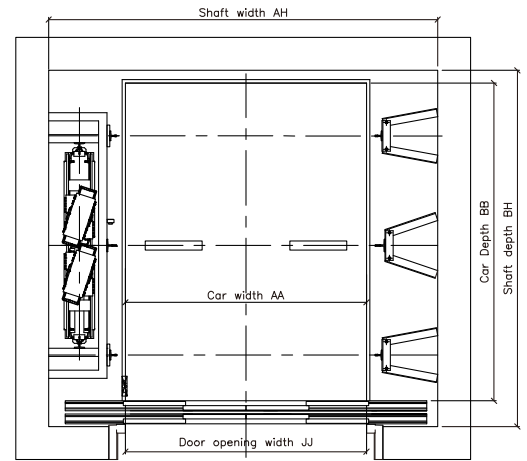


SECTION OF HOISTWAY

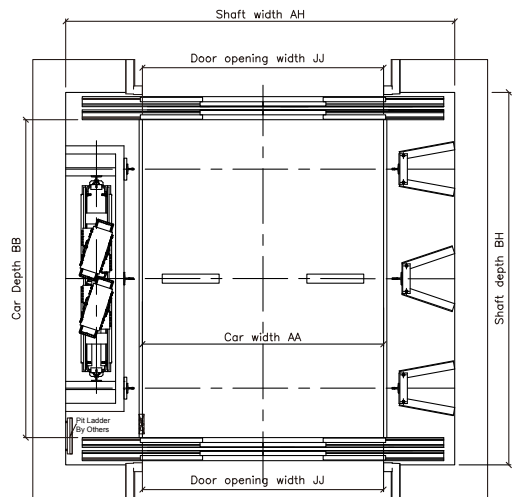
* Provided by others



PLAN OF MOTOR ROOM



PLAN OF SHAFT



PLAN OF SHAFT
(THROUGH TYPE)

Planning Date

Car without Front Wall

Load	Speed	Max. Travel (TR)	Car Size		Door Opening Size (JJ x HH)	Shaft Size		Min. pit depth (PP)	Min. Overtravel (OH)	Machine Platform Height (HM)
			Single Entr. (AA x BB x HK)	Thro Entr. (AA x BB x HK)		Single Entr. (AH x BH)	Thro Entr. (AH x BH)			
[kg]	[m/s]	[m]	[mm]	[mm]	[mm]	[mm]	[mm]	[mm]	[mm]	[mm]
2000	0.5/ 0.63/ 0.75/ 1.0	60	1500x2700x2300	1500x2700x2300	1500x2300 C4	2700x3150	2700x3200	1400	4200	2300
			1800x2200x2300	1800x2200x2300	1800x2300 C4	3000x2650	3000x2700			
2500			1800x2700x2500	1800x2700x2500	1800x2500 C4	3100x3150	3100x3200	1450	4400	2300
			3000	2000x2750x2500	2000x2750x2500	2000x2500 C4	3300x3200			
3500				2200x2550x2500	2200x2550x2500	2200x2500 C4	3600x3000	3600x3050	1400	4400
			4000	2200x2900x2500	2200x2900x2500	2200x2500 C4	3550x3250	3550x3400		
4500	2400x3000x2500	2400x3000x2500		2400x2500 C4	3800x3350	3800x3500				
	5000	2500x3200x2500	2500x3200x2500	2500x2500 C4	4000x3350	4000x3700				
6000		2600x3400x2500	2600x3400x2500	2600x2500 C4	3900x3850	3900x4050				
	6000	2800x3700x2500	2800x3700x2500	2800x2500 C4	4100x4150	4100x4350				

Planning Date

Car with Front Wall

Load	Speed	Max. Travel (TR)	Car Size		Door Opening Size (JJ x HH)	Shaft Size		Min. pit depth (PP)	Min. Overtravel (OH)	Machine Platform Height (HM)
			Single Entr. (AA x BB x HK)	Thro Entr. (AA x BB x HK)		Single Entr. (AH x BH)	Thro Entr. (AH x BH)			
[kg]	[m/s]	[m]	[mm]	[mm]	[mm]	[mm]	[mm]	[mm]	[mm]	[mm]
2000	0.5/ 0.63/ 0.75/ 1.0	60	1500x2700x2300	1500x2550x2300	1400x2300 C4	2600x3150	2600x3200	1400	4200	2300
			1800x2200x2300	1800x2100x2300	1700x2300 C4	2900x2650	2900x2750			
			1700x2350x2300	1700x2350x2300	1700x2300 C4	2700x2800	2700x2800			
2500		60	1800x2650x2500	1800x2550x2500	1700x2500 C4	3000x3100	3000x3200	1450	4400	
			3000	2200x2750x2500	2000x2650x2500	1800x2500 C4	3200x3200	3200x3300	1450	
2200x2500x2500		2200x2400x2500		2000x2500 C4	3400x3000	3400x3050				
3500	0.5/ 0.63	40	2200x2850x2500	2200x2750x2500	2000x2500 C4	3400x3250	3400x3400	1400	4400	2300
4000			2400x2950x2500	2400x2850x2500	2200x2500 C4	3650x3350	3650x3500			
4500			2500x3150x2500	2500x3050x2500	2300x2500 C4	3800x3550	3800x3700			
5000			2600x3350x2500	2600x3200x2500	2400x2500 C4	3900x3750	3900x3850			
6000			2800x3650x2500	2800x3500x2500	2600x2500 C4	4000x4150	4000x4350			

Standard function

Item	Function	Description
1	Position indicator in car	The car position indicator displays the current floor designation where the car is physically in the lift shaft. The floor designation is switched in-between stops/floors.
2	Position Indicator on Landing	The landing position indicator displays the current floor designation where the car is physically in the lift shaft.
3	Car call cancellation	When a car call is registered, the corresponding floor button will be illuminated. If a passenger presses the illuminated floor button once again, the lift will cancel the registered car call and the illumination will be off.
4	Arrival Gong	The gong at car is sounded when: 1) the car reaches the landing door zone to answer a hall call; 2) the travel direction changes due to the hall call on the served floor; 3) the hall lanterns are illuminated with a hall call on the served floor with closed doors (parked);
5	“Full Load” Indication on Landing	When the car becomes full load at a landing, a visible signal will be indicated at all landings. Under full load condition, the lift does not answer any hall call.
6	Travel Direction Indicator in Car	This indicates the direction in which the car is currently traveling. It remains active until all calls in the existing travel direction have been served. When no more call is registered in the existing travel direction, the next travel direction remains unclear until the car doors are closed or a new car call in the existing travel direction has been entered.
7	Door Open Button	When the car is at a landing and the door is closing, pressing the door open button will stop door closing immediately and then the door re-open fully.
8	Door Close Button	When the door close button is pressed, the door will close immediately. The door close button is ignored during door opening.
9	Full Load Control	When the car is at full load, only car calls will be answered. Hall calls will be ignored. If the lift is in group control, hall calls will be allocated to other lifts in a group when the car is at “Full” load.
10	Automatic Return to Main Floor	If no call is registered for period of time (adjustable), the empty/minimum loaded car will return to the main floor automatically. The trip to main floor can be interrupted by a registered call. In a lift group, only one car returns to the main floor.
11	Door Pre-opening(Optional for freight lift)	When the car reaches the door zone at the destination landing, the speed is reduced. The door starts to open before the car comes to a complete stop.
12	Light Switch in Car (Off/Automatic)	When the switch is at “Off” position, the car lighting is always off. When the switch is at “Auto” position, the car lighting is automatically switched off if the car is empty and no call is registered for a pre-defined period of time.
13	Adaptive Door Timing (Floors)	The door dwell time can be adjusted for all landings by using the service module. However, the individual landings have different door dwell times (longer or shorter than the standard settings) is not possible.
14	Managing door re-opening device 1	A light curtain in the doorway which detects also small objects within the detector height 2 m (installed 5 mm above door sill). If an obstacle is detected in the doorway, the door stops closing and re-opens.
15	Car Fan (Manual/Automatic)	The fan is controlled via a toggle switch. OFF AUTO The fan is always on. After the last call is served and the car is empty for a pre-defined time, the fan will be switched off automatically.
16	Passenger Alarm	When a passenger presses the alarm button inside car, the alarm bell/horn will sound as long as the button is pressed. When a technician at car top and lift pit presses the emergency alarm button, the alarm bell/horn will sound as long as the button is pressed.
17	Unequal Number of Stops at Shaft Ends	If the top and/or bottom landings are not served by the whole lift group, then the hall calls at these landings can only be used for the lifts serving these landings. A passenger wishing to travel to these landings is required to change lifts at the terminal landings that served by the whole group.

Standard Function

18	Selective operated doors	<p>i. Boarding selective: the lift handles boarding requests individually, while exiting requests and door open/close button in parallel;</p> <p>ii. Light curtain: when it is actuated on either side, front and rear doors open or close independently.</p>
19	Attendant Service	<p>When the 4-position key switch on the COP is switched to Attendant, the lift will be operated by an attendant. After the hall/car call is served, the door remains open until the attendant presses the door close button.</p> <p>If a hall call is registered, the corresponding floor button on COP will blink.</p> <p>When the switch is at "I" position, all hall calls will be ignored.</p>
20	Emergency Light on Car Operating Panel	If power failure occurs, a battery-driven emergency lamp on the car operating panel is automatically switched on for a minimum of one hour.
21	Emergency Power Operation	<p>After the normal power supply fault, the device release the elevator manually/ automatically for normal operation under emergency power.</p> <p>After normal power supply is ok, the device switch the emergency power with normal power supply manually/ automatically.</p>
22	Fire Recall	<p>Building fire signals or fire switch is triggered .</p> <p>a) Lift on running operation lift will stop at nearest floor without opening door and home to main floor.</p> <p>b) Car door remain fully opened.</p> <p>c) Car lighting and fan turn off</p> <p>d) Car and hall are not able to response to call.</p> <p>e) Door Close button pressed, car door remain opened.</p>
23	Floor Call and Car Call Lock Off	<p>To limit the access to/from this floor, this floor can be locked off for normal hall and car call registration.</p> <p>The locking can be defined for every floor and entrance side.</p>
24	Entrance Side Lock Off	<p>To limit the access to/from this entrance either at front or rear, this entrance can be locked off for normal hall and car call registration.</p> <p>The locking can be defined for every floor and entrance side.</p>
25	Blocking of Exit Sides	This function is combined with the function "Entrance Side Lock Off".
26	Travel Time-Out	If the motor has been running significantly longer than the expected maximum travel time for a trip, it is likely that the car is stalled. The lift will shut down the motor if the delay is detected.
27	Overload Protection	If the car is overloaded before the door is fully closed, the door will re-open and remains open. A visible "Overload" light will be illuminated and the buzzer will be sounded. If overloaded becomes active after the doors are fully closed (e.g. due to the acceleration), this signal will be ignored.
28	Unintended Car Movement	Unintended car movement (UCM) is a non-commanded movement of the car with doors not closed within door zone but away from landing. Movements resulting from loading/unloading are excluded. When UCM occurs, the detection means is activated and the car will be stopped within 800 mm from the landing. The lift car cannot start again until the lift is checked and unblocked manually.
29	Inspection Service	The authorized personnel can operate the lift with reduced speed from the car roof or at the lift pit. The lift moves the car at reduced speed by holding down either UP or DOWN push button and a RUN push button simultaneously, i.e. two-hand operation.
30	Recall Operation	It is also called "Emergency Electrical Operation" that the lift can be operated by the authorized personnel via a control station (see the "Interface" below) located inside the controller. The lift moves the car at reduced speed by holding down either UP or DOWN push button and a Run push button simultaneously, i.e. two-hand operation.
31	Trip Counter	The counter counts the number of starts made by the lift, including up trips, down trips and re-leveling trips (if provided).
32	Hours-in-Service Counter	The counter counts the total hours that the machine has been energized, i.e. the total traveling time of the lift.

33	Anti-Nuisance Operation (optional for freight lift)	If the light load signal is triggered and the car calls ≥ 3 , cancels all remaining car calls. The out-of-service switch is used to take a lift out of service.
34	Out-of-Service per Lift	When the switch is activated: The car will return to the main floor after all registered car calls are served. Upon arrival at main landing, the door will open and then close again. Lighting and ventilator inside car will be switched off automatically.

Optional Functions

Item	Function	Description
1	"Out of Service" Indication	"Out of service" indication is provided for each lift at all landings. They are activated simultaneously when the lift cannot serve any call.
2	Hall Lanterns	Hall lanterns for collective control are illuminated on the destination landing: UP/DOWN indicator when the car starts to decelerate to answer a hall call.
3	Voice Signalization	Verbal signalization of the lift status is provided for the visually impaired passengers.
4	Door Open Time Extension Button	After the door is fully open, press the special button will extend the door open time to a pre-defined period. When door close button is pressed, the door will close immediately. There is no limit in number of use.
5	Distribution of Free Cars	During the light traffic, free cars (empty cars with no call registered) are distributed to the pre-defined floors over the building. The main floor is usually given priority.
6	Intercom System	The intercom system allows the passengers inside the car to communicate with the personnel outside the car, such as security desk, machine room, car top and lift pit.
7	Building Monitoring Interface	Building Monitoring Interface provides the information of lift status externally via dry contacts.
8	LobbyVision Interface	LobbyVision provides building management with centralized information and control of Schindler lifts and Schindler escalators via PC-based interface. For XJ Schindler lifts, a "lift information transfer PCB" shall be provided to communicate with the controller and output to LobbyVision via dry contacts.
9	Central Alarm	When a passenger presses the alarm button inside car or a technician at car top/bottom presses the emergency alarm button continuously, an alarm signal will be output to the Building Management Office, lobby, security desk, etc.
10	Earthquake Operation	When the seismic switch of the building is activated, the lifts cancel all hall and car calls, stop at the next possible landing and open the door until the signal is reset.
11	Car Call Access with Card Reader	The passengers can register a car call to a locked floor only with a valid IC card. After the authentication is done, access permission will be granted to one or multiple locked floors.