Fire elevator

Hospital elevator

Passenger elevator

Sightseeing elevator

JFUJI

HOMEFRIEND & FUJI ELEVATOR

ONE STEP CLOSER TO YOUR DREAM

Fire Elevator

With the development of market economy, people are becoming increasingly dependent on high-rise buildings. In the event of fire in buildings, there would be a need for fire elevator, an efficient and safe transportation rescue means.

Our self-developed fire elevators are compliant with relevant provisions of GB26465-2011 Safety Regulations on Manufacturing and Installation of Fire Elevators. As the primary means of vertical transport in high-rise buildings, fire elevators ensure that fire rescue personnel are able to rescue people`s lives and properties in a timely and effcient manner in the event of fire emergency, save the valuable time, and help to reduce work intensity. From this point of view, fire elevators should be an indispensable survival channel in case of emergency in high-rise building!

Fire
elevator

HOMEFRIEND & FUJI ELEVATOR

Hospital elevator

Hospital elevator serves as one of the supporting facilities meticulously designed based on the characteristics of hospital, modernized medical center, sanatorium and care home etc. to transport passengers, stretcher & beds, and other rescue and medical treatment equipment. Hospital elevators have to comply with more stringent requirements in respect of usability and accessibility.

In order to meet the different needs of hospital buildings, elevator design provides a variety of open-door mode, which can meet the needs of the hospital as much as possible. Our products equipped with self-control and other safety protection devices, simple and convenient operation. Provide a strong guarantee for elevator continuous operation.

Hospital elevator
HOMEFRIEND & FUJI ELEVATOR

Small machine room elevator

Passenger elevator incorporates state-of-the-art permanent magnet synchronous techonlogy that contributes to a compact structure of traction machine; additionally, VVVFserial control technology provides elevator with an ergonomic operating curve as well as smooth and low-noise operation. the control system incorporates highly reliable microcomputer serial communication technology for rapid signal response and excellent immunity. When compared with traditional elevators with machine room, small machine room elevator employs more rational civil layout that contributes to less space occupation and lower construction cost.

Elevators are furnished with international leading permanent magnet synchronous gearless traction machine that features low noise, less conspicuous vibration, high system efficiency and low energy consumption, thereby avoiding environmental pollution that may cause from the use of gear oil in traditional traction machine.

The introduction of cutting-edge VVVF control technology, precision reducer and all-digital pulse width modulation control device and the load-dependent automatic adjustment of elevator startup torque guarantee the more smooth acceleration and deceleration of elevator.

Small machine room elevator

HOMEFRIEND & FUJI ELEVATOR

Machine roomless elevator

HOMEFRIEND&FUJI machine roomless elevator is designed to improve building space utilization, save energy and reduce building material costs, having thoroughly eliminated the need for machine room at the top of hoistway, Machine roomless elevator makes it possible to arrange all elevator components in a compact and reasonable manner in hoistway, thus remarkably improving the utilization of building area, and thereby enabling the perfect extension of architect inspiration by expressing HOMEFRIEND&FUJI`s green elevator product concept by virtue of buildings`exterior styling features.

Machine
roomless
elevator
HOMEFRIEND & FUJI ELEVATOR

Sightseeing elevator

Sightseeing elevators represent the new generation of variable frequency drive elevators developed by the Company. Featuring a stylish exterior design, for which semi-circular, round, diamond-shaped and panoramic structures are available, sightseeing elevators constitute the best solutions for commercial buildings, guest house buildings, hotel buildings, shopping buildings, entertainment buildings, and upscale club buildings, and are designed to provide your buildings with more user-friendy elevator spaces.

Sightseeing
elevator

HOMEFRIEND & FUJI ELEVATOR

Standard Car

P020A

Ceiling   C020A, Mirror stainless steel with LED down lamp
Rear wall   W011,Hairline stainless steel
Side wall   W011,Hairline stainless steel
Front wall   Hairline stainless steel
Platform   Z019, PVC
Car door   D011, Hairline stainless steel
Handrail   HR019,Stainless steel round handrail with ends elbow

P029A

Ceiling   C019B,Integrated mirror stainless steel + LED big square lamp
Rear wall   W029,Two sides black mirror steel+Middle wood grain steel panel
Side wall   W029,Two sides black mirror steel+Middlewood grain steel panel
Front wall   Black mirror steel
Platform   Z019, PVC
Car door   D029, Wood grain steel panel
Handrail   HR021, Titanium stainless steel round handrail
                  with ends elbow

P021

Ceiling   C021, Mirror stainless steel + LED flat lamp
Rear wall   W021,Two sides hairline stainless steel+Middle
                  mirror stainless steel
Side wall   W011, Hairline stainless steel
Front wall   Hairline stainless steel
Platform   Z019, PVC
Car door   D011, Hairline stainless steel
Handrail   HR026,Mirror stainless steel round handrail
                  with ends elbow
Remark: This cabin is not suitable for the net width and net
                  depth less than 1200mm and cabin with through door.

Optional Car

P032

P014

Ceiling   C032 ,Black mirror frame ceiling +Circular ceiling Lamp
Rear wall   W029,Two sides black mirror steel+Middle
                wood grain steel panel
Side wall   W029,Two sides black mirror steel+Middle
                wood grain steel panel
Front wall   Black mirror steel
Platform   Z019, PVC
Car door   D029, Wood grain steel panel
Handrail   HR021,Titanium stainless steel round handrail
                with ends elbow

Ceiling   C012, Multi-aperture hollow titanium panel with LED lighting
Rear wall   W014,Two sides titanium mirror stainless steel+
                Middle European-style luxury titanium etching
Side wall   W014,Two sides titanium mirror stainless steel+
                Middle European-style luxury titanium etching
Front wall   Titanium mirror stainless steel
Platform   Z017, PVC
Car door   D014,European-style luxury titanium etching
Handrail   HR021, Titanium stainless steel round handrail
                with ends elbow

Optional Car

P022A

Ceiling　　C020A, Mirror stainless steel with LED down lamp
Rear wall　W022, Two sides hairline stainless steel+
　　　　　　Middle "梅" pattern mirror etching
Side wall　 W022, Two sides hairline stainless steel+
　　　　　　Middle "梅" pattern mirror etching
Front wall　Hairline stainless steel
Platform　　Z017, PVC
Car door　　D011, Hairline stainless steel
Handrail　　HR019,Stainless steel round handrail with
　　　　　　ends elbow

P023A

Ceiling　　C020A, Mirror stainless steel with LED down lamp
Rear wall　W023, Two sides hairline stainless steel+
　　　　　　Middle "兰" pattern mirror etching
Side wall　 W023, Two sides hairline stainless steel+
　　　　　　Middle "兰" pattern mirror etching
Front wall　Hairline stainless steel
Platform　　Z017, PVC
Car door　　D011, Hairline stainless steel
Handrail　　HR019,Stainless steel round handrail with
　　　　　　ends elbow

P024A

Ceiling　　C020A, Mirror stainless steel with LED down lamp
Rear wall　W024, Two sides hairline stainless steel+
　　　　　　Middle "菊" pattern mirror etching
Side wall　 W024, Two sides hairline stainless steel+
　　　　　　Middle "菊" pattern mirror etching
Front wall　Hairline stainless steel
Platform　　Z017, PVC
Car door　　D011, Hairline stainless steel
Handrail　　HR019,Stainless steel round handrail with
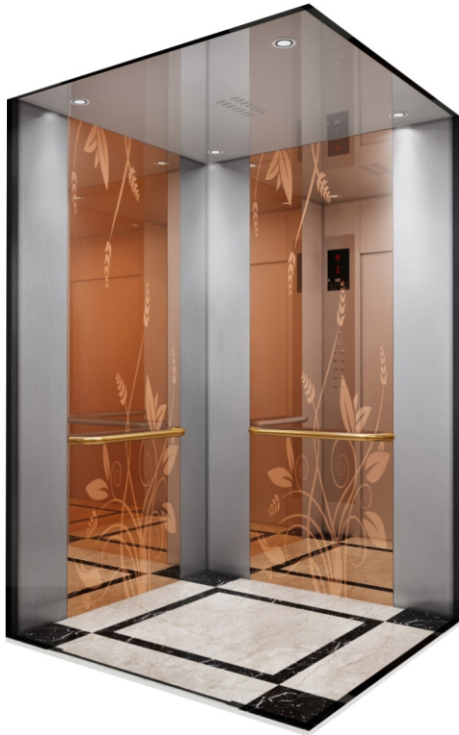　　　　　　ends elbow

P025A

Ceiling　　C020A, Mirror stainless steel with LED down lamp
Rear wall　W025, Two sides hairline stainless steel+
　　　　　　Middle "竹" pattern mirror etching
Side wall　 W025, Two sides hairline stainless steel+
　　　　　　Middle "竹" pattern mirror etching
Front wall　Hairline stainless steel
Platform　　Z017, PVC
Car door　　D011, Hairline stainless steel
Handrail　　HR019,Stainless steel round handrail with
　　　　　　ends elbow

Optional Car

P026

P018

Ceiling   C020A, Mirror stainless steel with LED down lamp
Rear wall   W012, Two sides hairline stainless steel+Middle
             plant pattern with rose gold glossy etching
Side wall   W012, Two sides hairline stainless steel+Middle
             plant pattern with rose gold glossy etching
Front wall   Hairline stainless steel
Platform   Z017, PVC
Car door   D012,Titanium and grain etching
Handrail   HR021, Titanium stainless steel round handrail
             with ends elbow

Ceiling   C018, Wood organic panel with LED down lamp
Rear wall   W018, Two sides walnut panel + Middle Mahogany
             glass mirror
Side wall   W018, Walnut panel
Front wall   Titanium mirror stainless steel
Platform   Z017, PVC
Car door   D018, Rose gold mirror etching
Handrail   HR021, Titanium stainless steel round handrail
             with ends elbow

Optional Sightseeing cabin

O-015

Sightseeing wall	Shatterproof laminated glass
Decoractive roof	Acrylic roof with LED down lamp
Car wall	Shatterproof laminated glass
Platform	PVC floor
Handrail	Hairline stainless steel

O-016

Upper and lower cover	Rose gold hairline
Sightseeing wall	Shatterproof laminated glass
Decorative roof	Rose gold mirror and down lamp
Car wall	Rose gold etching stainless steel
Platform	PVC
Handrail	Rose gold triple tubes handrail
Car door	Rose gold etching stainless steel

landing door

Landing door is provided with the
same pattern as car door

Note: All standard landing doors are not supplied
with wide door jamb

D011 (standard)

Hairline stainless steel

D029 (standard)

Wood grain steel panel

D012 (optional)
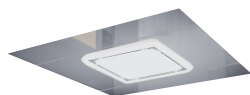
Mirror finished, titanium, etching

D019 (optional)

Mirror finished, titanium, etching

D014 (optional)

Mirror finished, titanium, etching

Elevator car Decoration

Car Ceiling

Car Floor

C019B (standard)
Integrated mirror stainless steel
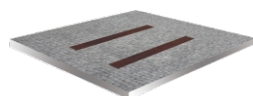+ LED big square lamp

C020A (standard)
Mirror stainless steel with LED down lamp

C021 (standard)
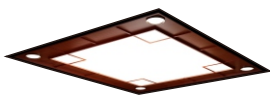Mirror stainless steel + LED flat lamp
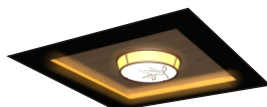
Z019 (standard)
PVC

Car Floor

C012 (optional)
Multi-aperture hollow titanium
panel with LED lighting

C018 (optional)
Wood organic panel
with LED down lamp

C032 (optional)
Black mirror frame ceiling
+Circular ceiling Lamp

Z017 (optional)
PVC

Handrail

HR019 (standard)
Stainless steel round handrail
with ends elbow

HR021 (standard)
Titanium stainless steel round handrail
with ends elbow

HR026 (standard)
Mirror stainless steel round handrail
with ends elbow

Cop and calling board

COP011
(standard)

COP018
(standard)

COP013
(standard)

COP014
optional)

COP016
optional)

COP121
calling box with bottom
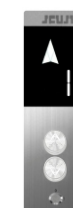
COP128
calling box with bottom

COP122
calling box with bottom

COP123
calling box with bottom

COP127
calling box with bottomless.

COP129
calling box with bottomless.

COP130
calling box with bottomless.

Elevator function list

Energy Conservation

S: Standard function   O   Optional   ● Select Configure

Function Name	Function Description	TRUST CONEL
Dedicated air conditioner for elevator	This is a stand-alone circulation system designed for air conditioning in car. It maintains such parameters as air temperature, cleanliness and air flow velocity in car within the comfortable range for passengers and creates a fresh space in car through the features like automatic atomization of condensate, automatic operation mode changeover at excessively high water level, horizontal limit protection and space purification.	●
Stop switch	When the key switch mounted at designated floor is activated, the elevator will, upon the receipt of floor command, activate energy saving mode by switching off in-car lighting and turning on external switch indicator lamp.	S
Fan and lighting control in car	When no operation command is received, the elevator will stop within a predetermined period of time after the closing of door, and enter into energy saving mode by switching off in-car lighting lamps and fans.	S
Crime protection	If this feature is activated, the car door will be opened at predetermined floors for inspection.	●
Emergency power supply operation	In case of power failure, elevators are connected to emergency power supply of system; then, the elevator cars in group move to designated landing (or the landing at next floor); and then, the doors will be opened to unload passengers. Upon the request of user, certain elevators in the group could be designated for normal operation service; after power supply returns to normal, all elevators will automatically resume normal service status.	●
Seismic operation	In the case of earthquake, the system will cancel all commands and call signals upon the receipt of earthquake information; elevator will open the door at the nearest floor for evacuation of passengers and stop the operation once user provides earthquake occurrence signal.	●
Community monitoring screen	This monitoring screen could be mounted in duty rooms of building or community, indicate the running status of elevator in a simple manner through LED indicators, and lock the elevator.	●
Intelligent IC card system	This system is designed for authority management at certain floors and for intelligent management of personnel's getting in and out of elevator through car reader systems arranged in car and outside hall. This feature is available only for elevator, and shall in no case be integrated with other IC card management systems in building.	●
Missing stop prompt	A buzzer is activated to remind passengers in case of missing stop; this feature is designed for blind persons and other special passengers.	●
Timed ON/OFF	When this feature is activated, elevator is turned on/off at designated time, and the elevator lock will be controlled automatically.	●
Up/down traffic peak service	This feature is specially developed to address peak traffic in building. During up/down traffic peak hours, this feature will be activated when the passenger load of all elevators in service reaches predetermined threshold (50% mostly), and will be maintained during the entire period of peak traffic. (This feature is available only for parallel and group control, and does not suit single-elevator status.)	●

Safety Protection

S: Standard function   O   Optional   ● Select Configure

Function Name	Function Description	TRUST CONEL
Overload protection	Overload buzzer alerts when car load exceeds the permissible upper load limit. In such a case, the elevator will display OVERLOAD and refuse to start up.	S
Drive overheating	Elevator will automatically enter into a protection state where motor temperature is higher than the per-defined value due to the excessively high temperature or operation induced heat in machine room. Elevator will park at the nearest point, open the door for safe evacuation of passengers, and turn off the lamps and fans inside the car; after the temperature returns to normal level, the elevator will resume normal operation.	S
Terminal floor protection	If the running speed of elevator fails to reach the predetermined value when it arrives at terminal floor, the system will perform deceleration forcibly so as to assure the operation safety of elevator.	S
Car top inspection	Elevator car top is furnished with inspection box for more efficient inspection and maintenance.	S
Intercom	Maintain verbal communication with machine room and monitoring center voice arranged at car operation panel, top, and bottom under special circumstances.	S
Fault self-diagnosis	When detecting control loop anomaly automatically, the control system will automatically stop elevator to assure passengers' personal safety.	S
Local hall door opening	When the call buttons of hall and elevator in the same direction are pressed during normal door closing process, the elevator will open the door again.	S
Car opening protection	Where the predetermined time is elapsed due to the failure to open the door because of mechanical jamming etc., internal and external call signals will be automatically canceled, in which case the elevator car would move to the djacent floor, open the door and unload the passengers.	S
Grid filter monitoring	The system will automatically give an alarm in case of frequent grid voltage fluctuations.	S
Closing torque protection	Elevator will re-open the door when reverse resistance exceeds the predetermined torque value.	S
Contactor feedback detection	The system detects and outputs the state of relay at all times during both the standby and operation process of elevator, and will give an alarm once contactor is found in an exceptional operating state.	S
Internal contracting brake feedback detection	Internal contactor signal signal is monitored all the times, and the operation will be suspended where the physical state of internal contracting brake contactor is found inconsistent with setup state command.	S
Electronic multi-beam screen protection	Dedicated multi-beam screen based door protection system improves elevator safety; the system provides passengers with the best safety protection by creating intensive infra-red multi-beam screen at elevator door, which can make sharp reaction to any person or object that enters detection area.	S
UCMP Device	When the cabin leaves the landing floor without instructions in the unlocked area and in door opening status. (Excluded loading and unloading movement), UCMP device can detect the risk and send signal to stop the cabin forcibly as to protect the safety of passengers.	S

HMI

S: Standard function   O Optional   ● Select Configure

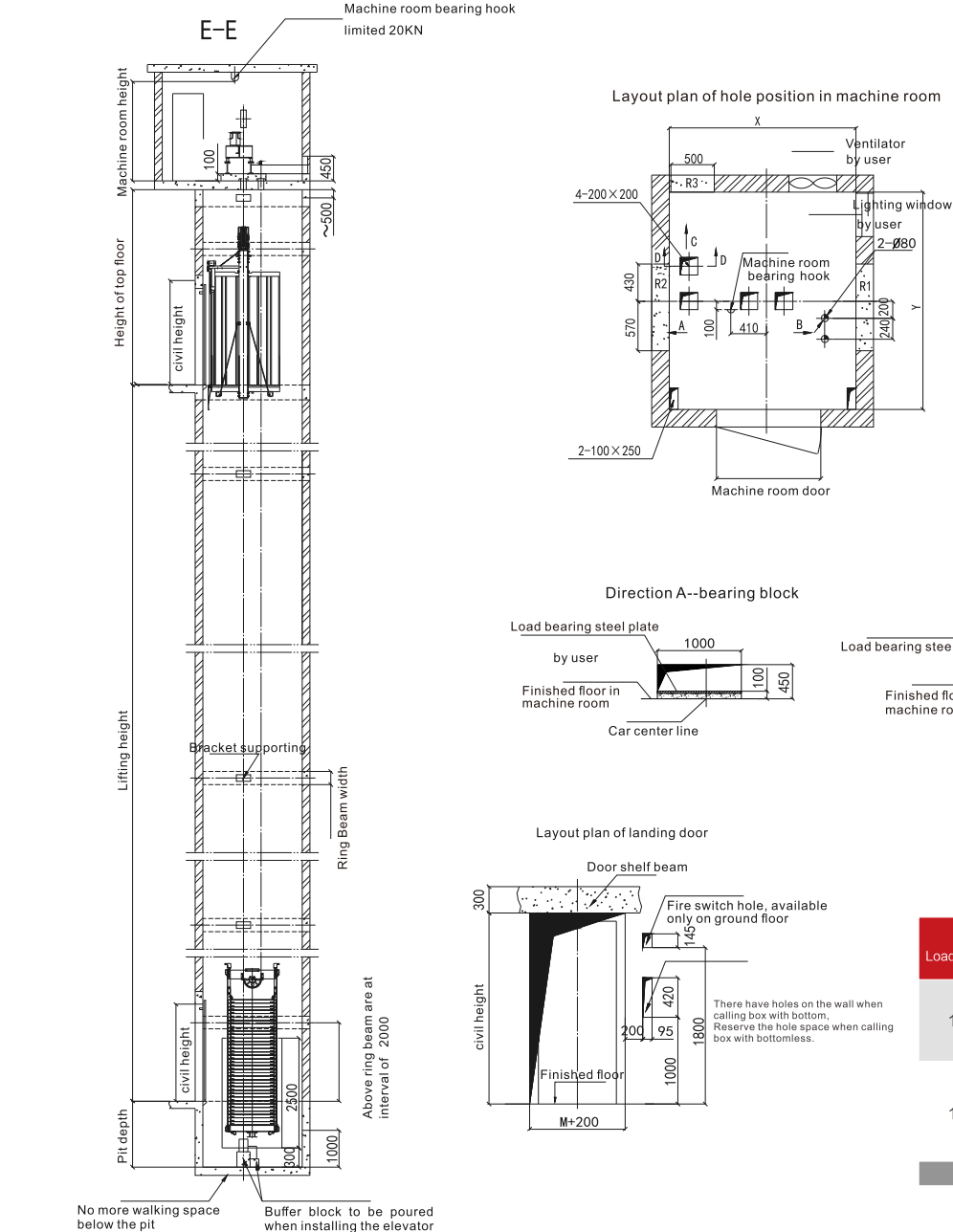| Function Name	Function Description	TRUST CONEL
the hall inside the car display	The operation panel and the hall calling board on each floor display the floor of elevator with dox matrix so that passengers could learn about the current running position of elevator.	S
Direction indication in hall and car	The operation panel in car and the calling board in hall are furnished with arrow–shaped indicator lamps to indicate travel direction so that passengers could learn about the operating direction of elevator.	S
Voice floor announcer	During the leveling at low speed, the announcer reports the next floor to be reached so as to remind the passengers.	●
Passing chime in hall	The passing chime in hall notifies passengers to get ready prior to the arrival of car.	●
Liquid crystal display in the car	LCD is used for high–grade in–car display.	●
Building elevator monitoring interface	The elevator can provide user's intelligent building management system with discrete elevator running state signals mainly concerning travel direction, floor information, and safety signal etc.	O
Elevator remote monitoring system	Internet or local telephone lines are used to enable remote monitoring center to perform full protection for user 24h a day; this system will give real–time alarm to monitoring center once passenger is caught in car due to elevator failure.	●
Community monitoring system	Community monitoring system is an intelligent management system for all–round monitoring of elevators within community using computers, and can provide data (BA) for building management.	●

Emergency Response

S: Standard function   O Optional   ● Select Configure

Function Name	Function Description	TRUST CONEL
Emergency lighting in car	Emergency lighting device is arranged in the car and activates in case of power failure.	S
Car alarm bell	Under special circumstances, passengers could press the alarm button in car to notify the outside world in a timely manner.	S
Emergency electric operating device	The control cabinet in machine room of elevator is provided with emergency electric operating device for emergency rescue.	S
Emergency firefighter service	When the key switch in car is activated,cancel all the calling signal and the elevator exclusively respond to the internal commands of car so as to coordinate with firefighters in extinguishing operation; this feature is used wi[h fire elevators. (General elevator is suitable for fire evacuation function)	O
Emergency fire protection	In the case of fire alarm, the system will, upon the receipt of fire alarm signal, deactivate all commands and call signals, drive the elevator directly back to fire protection floor, open the door for evacuation of passengers, and wait for firefighters. Upon the successful fire emergency landing at home landing, control system will send successful landing signal to fire center. (Manufacturer supplies interface, while users are expected to wire the control cabinet and fire control center.)	O
Fire control status indication	Prompting message is displayed in car after the activation of fire control state.	O
Blackout emergency evacuation device	In case of emergency stop of elevator during normal operation due to sudden power failure, this device will make rapid response, drive elevator to move to leveling position at low velocity, and open the door to evacuate passengers while giving prompt message. (Leveling accuracy	●

Operational Functions

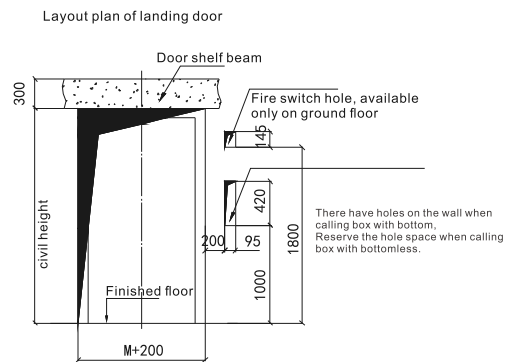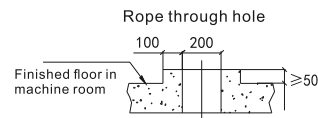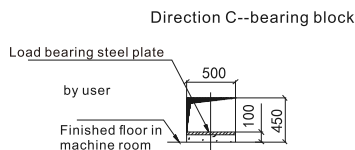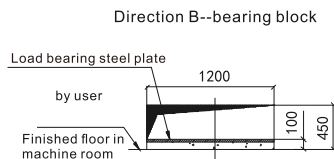S: Standard function   O Optional   ● Select Configure

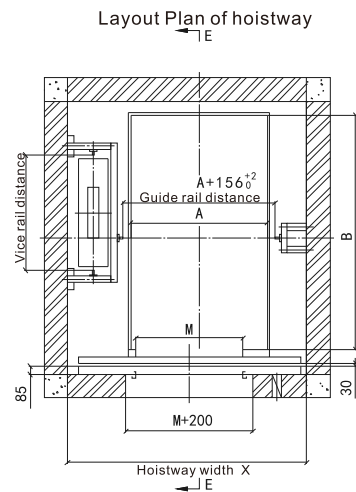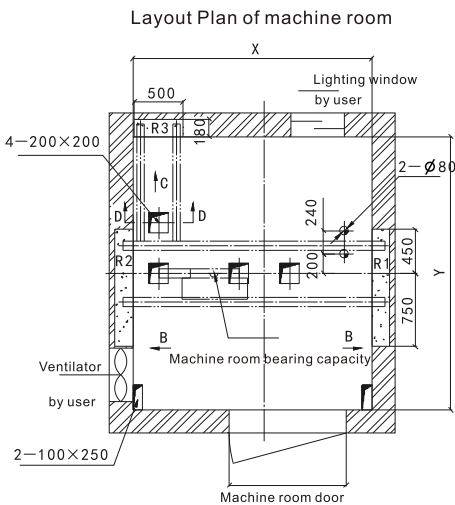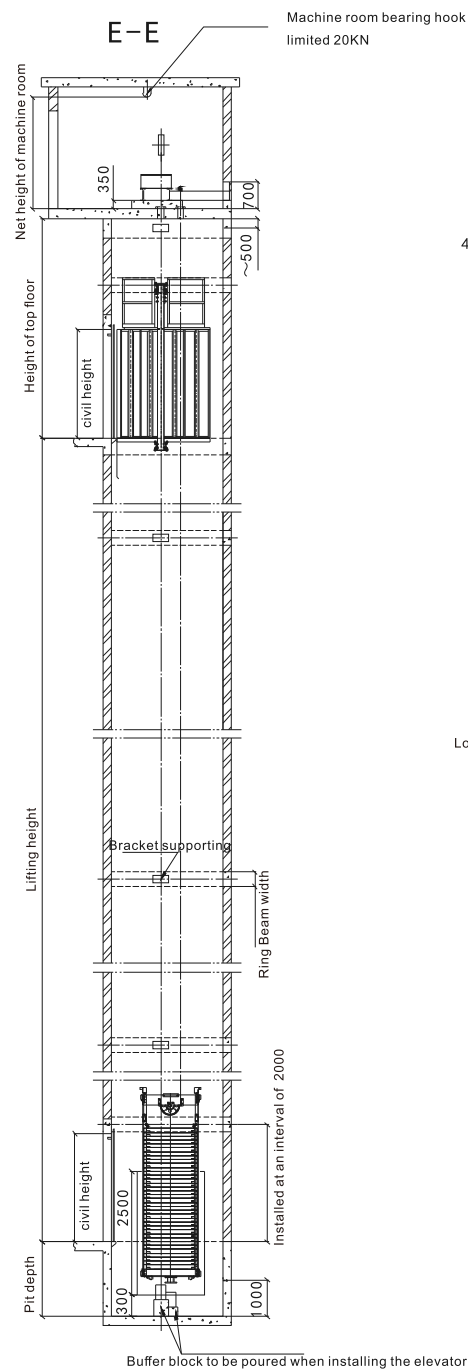| Function Name	Function Description	TRUST CONEL
Full collective	Elevator transmits call signals to upper and lower parts of building; upon the completion of comprehensive analysis and evaluation of floor selection commands and various signals, the signals that are consistent with the travel direction of elevator will be automatically selected and responded to in turn.	S
Bypass at full load	When the load in car reaches the predefined value, the "bypass at full load" will activate, in which case the elevator will not make response to external call, but respond directly to internal command of car until the designated floor is reached.	S
Anti–nuisance function	To avoid no–load operation, PC cancels exceptional commands through logical judgment on load so as to prevent prank and incorrect car commands.	S
Door open/close buttons	Elevator car operation panel is furnished with nlcro button for the control of switch door so that passengers could flexiblycontrol the door opening and closing tinle according to need.	S
Wait at restaurant	Assign a relatively long opening time for the floor where restaurant is located so as to suit additional passenger traffic.	O
Re–initialization	Where elevator position signal is not retained or fails to identify the car position after the recovery from power interruption, the elevator would return to the terminal stop for re–positioning. Upon the positioning, the position monitor indicates the floor number where elevator is located, and resumes the normal operation.	S
Reverse command automatically deactivated	The commands against current direction of travel could be deactivated during upward and downward movement.	S
Cancellation of incorrect commands	Upon the registration of command, it's possible to cancel registered command before the startup of elevator by continuously pressing this button; upon the startup of elevator, the system allows for no cancellation of registered signal so as to assure passengers' personal safety.	S
Self re–leveling	Where the car sill error gets out of a certain range due to changes in load arising from the loading and unloading of passengers, the elevator will automatically perform re–leveling so as to return the car to the accurate leveling position.	●
Separate control of landing and car doors	According to statistics, hall call induced waiting time for door opening is longer than the waiting time for car opening arising from the command inside the car; this function improves the overall operational efficiency through the separate adjustment of elevator's waiting time in response to call and command.	S
Self–learning of hoistway position	Learn about hoistway position and store hoistway position signal, by which means direct parking is available during the operation of elevator.	S
Advance door opening	When approaching the door area, the elevator opens the door in advance under safe conditions and creeps to leveling position at low speed.	●
Torque compensation at startup	For more comfortable elevator startup, the system self–calculates car load and optimizes the load through torque compensation at startup.	S
Cancellation of opening wait	When the door is fully open and in an opening delay state, keep the door fully open could be performed inlmediately by pressing switch button.	S
Resume operation	After the recovery from power interruption, the elevator is outside leveling area, and the system would automatically move to leveling position at low velocity. The door will automatically get opened and resume normal movement in leveling area.	S
Automatic return to home landing	Home landing could be set up based on physical needs of building; if neither call nor registration is performed within predetermined period of time, the car will automatically return to home landing, and get into standby state with door closed; home landing is nolmally arranged on the floors with high passenger traffic or in the lobby on the first floor.	S
Automatic parking	When all the building elevators within control group are in idle state, they will automatically park on different floors in building so as to improve the rate of elevator organization's response to the call.	S
Down–selective collective control	Only the ground floor or home landing is furnished with up external call button, while other floors are provided with only down external call button; after making comprehensive analysis and evaluation of external call signal of building and the car command signal, the elevator will automatically select the signals that are consistent with the travel direction of elevator and respond thereto in turn.	●
Group control	Enable the group control for two or more elevators of the same model so that the elevator group could automatically select the most appropriate response so as to avoid repeated stop, shorten passengers' waiting time, and improve operation efficiency.	●
Exclusive service	In order to address the special needs of customer, the elevator is supplied with excessively service state where the elevator will not respond to external call, and the door opening and closing as well as the operation can only be controlled manually.	S
Password floor service	By dint of this function, it's possible to perform authority management for designated floors in building by setting up digital password with buttons in car so as to control the access to building.	●
Opening hold button	Where it's necessary to extend opening time when there are many people waiting for elevator, the closing delay button on operation panel could be pressed and held; in the case of group control system, the system will automatically transfer the external call signal assigned to elevator to other elevators when the former is in a hold state.	O
Attendant bypass	When the NBS button in COP is pressed and held in "attendant bypass" state, the elevator will not respond to external call but move directly to the floor of destination.	S
Attendant operation	It's possible to get into attendant operation state using the switches in COP; in this state, attendant is allowable to manage the number of passengers in car, the response to external call, and the door opening operation etc.	S

Stretcher Elevator

→ Civil Layout of Elevator

E-E

Machine room bearing hook limited 20KN

Machine room height

Height of top floor

civil height

100

450

~500

Lifting height

Bracket supporting

Ring Beam width

civil height

2500

Pit depth

300 1000

Above ring beam are at interval of 2000

No more walking space below the pit

Buffer block to be poured when installing the elevator

Layout plan of hole position in machine room

X

500

Ventilator by user

4-200×200

R3

Lighting window by user

2-Ø80

D

C

D

Machine room bearing hook

430

R2

R1

570

A

B

100

410

Y

240 200

2-100×250

Machine room door

Layout plan of hoistway

E

Vice rail distance

Guide rail distance

A

B

M

Hoistway depth Y

85

30

M+200

Hoistway width X

E

Layout plan of pit

R5

R6

R4

R6

Hoistway depth Y

Hoistway width X

Direction A--bearing block

Load bearing steel plate by user

1000

Finished floor in machine room

100

450

Car center line

Direction B--bearing block

Load bearing steel plate

1000

Finished floor in machine room

100

450

Car center line

Direction C--bearing block

Load bearing steel plate by user

500

Finished floor in machine room

100

450

Counterweight center line

Rope through hole

100 200

Finished floor in machine room

≥50

Layout plan of landing door

Door shelf beam

300

Fire switch hole, available only on ground floor

145

civil height

420

200 95

1800

1000

Finished floor

M+200

There have holes on the wall when calling box with bottom, Reserve the hole space when calling box with bottomless.

(kg) Load capacity	Persons	(m/s) Speed	Model	(A×B×H) Inside dimensions of car	Net door opening dimensions(W×H)	(X×Y) Hoistway size	(mm) Top floor height	(mm) Pit depth
1050	14	1.0	MEGA-P	1100 x2100x2500 Ceiling H included	900x2100	2150x2500	4500	1500
		1.5					4600	1600
		1.75					4700	1700
		2.0					5000	2000
1350	18	1.0	MEGA-P	1300x2100x2500 Ceiling H included	1000x2100	2400x2500	4500	1550
		1.5					4600	1600
		1.6					4600	1600
		1.75					4700	1700
		2.0					5000	2000

Hospital elevator

→ Civil Layout of Elevator

E–E

Machine room bearing hook limited 20KN

Net height of machine room

350

700

~500

Height of top floor

civil height

Lifting height

Bracket supporting

Ring Beam width

Installed at an interval of 2000

civil height

2500

Pit depth

300

1000

Buffer block to be poured when installing the elevator

Layout Plan of machine room

X

500

Lighting window by user

R3

180

4－200×200

C

2－∅80

D D

240

R2

200

R1

450

Y

750

B B

Machine room bearing capacity

Ventilator by user

2－100×250

Machine room door

Layout Plan of hoistway

E

Vice rail distance

$A+156_0^{+2}$

Guide rail distance

A

B

M

85

30

M+200

Hoistway width X

Hoistway depth Y

E

Layout Plan of pit

R5

R6 R4 R4 R6

Hoistway depth Y

Hoistway width X

Direction A--bearing block

Load bearing steel plate by user

1200

100

450

Finished floor in machine room

Direction B--bearing block

Load bearing steel plate by user

1200

100

450

Finished floor in machine room

Direction C--bearing block

Load bearing steel plate by user

500

100

450

Finished floor in machine room

Rope through hole

100 200

Finished floor in machine room

≥50

Layout plan of landing door

Door shelf beam

300

Fire switch hole, available only on ground floor

145

civil height

420

200 95

1800

Finished floor

1000

M+200

There have holes on the wall when calling box with bottom, Reserve the hole space when calling box with bottomless.

(kg) Load capacity	Persons	(m/s) Speed	Model	(A × B × H) Inside dimensions of car	Door opening mode	Net door opening dimensions(W × H)	(X × Y) Hoistway size	(S × T) Machine room dimensions	(mm) Top floor height	(mm) Pit depth
1600	21	1.0	MEGA−B	1400x2400x2500 Ceiling H included	Side opening	1200 × 2100	2400 × 2900	2400 × 2900	4500	1600
		1.5							4600	1700
		1.75			Middle opening	1100 × 2100	2450 × 2800	2450 × 2800	4700	1700