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Stay tuned for
HUACA Elevator

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HUACA



PASSENGER ELEVATOR



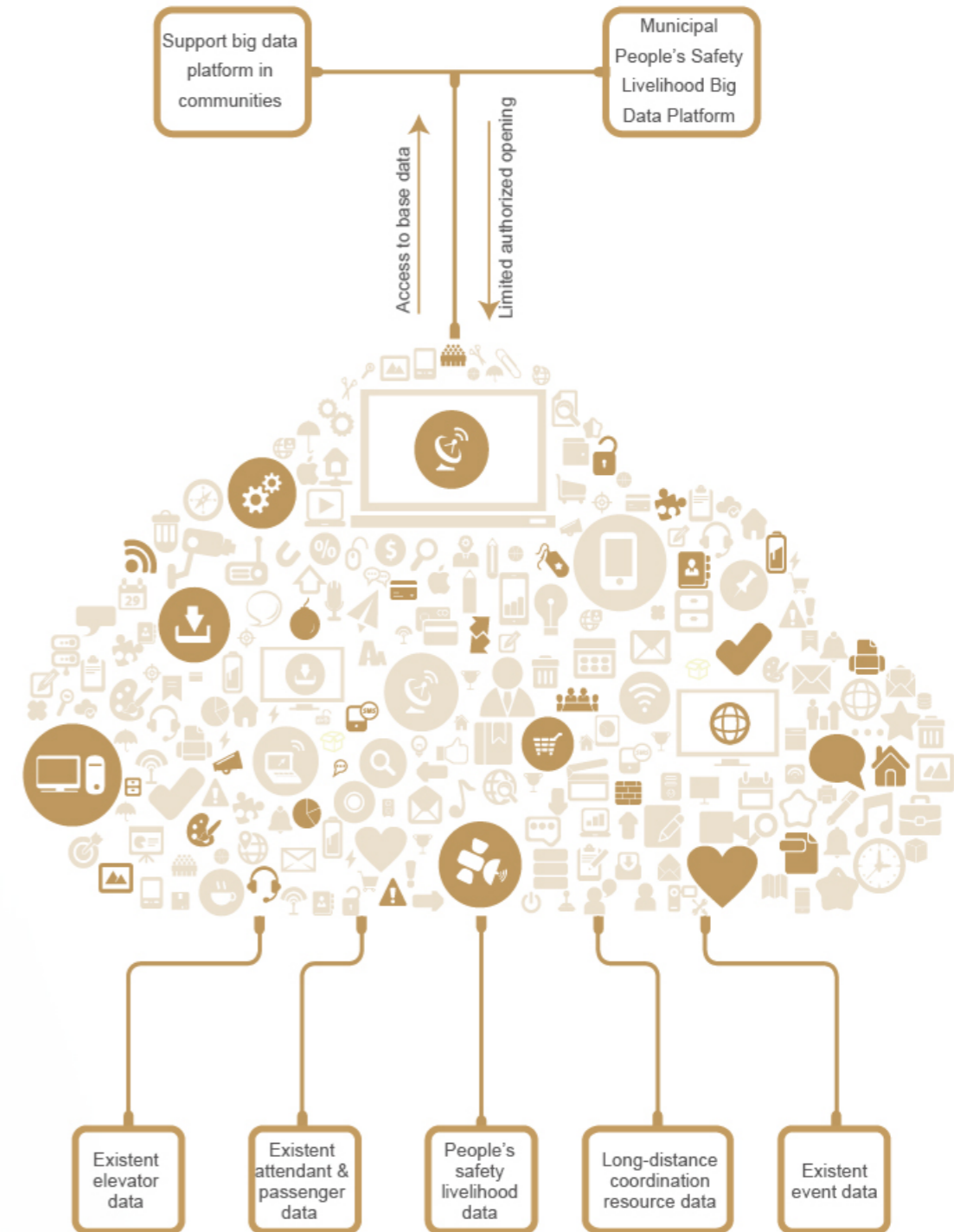
HUACA — HUACA cloud Intelligent passenger elevator

Following wide application of Web of Things, big data etc.,
intellectual requirements fit all kinds of human lives.
People do not merely pursue fast, high and powerful elevators.
We need the more cozy, smart, secure, considerate elevators.
We call for the digital and intellectual times for modern elevators.

HUACA CLOUD SYSTEM

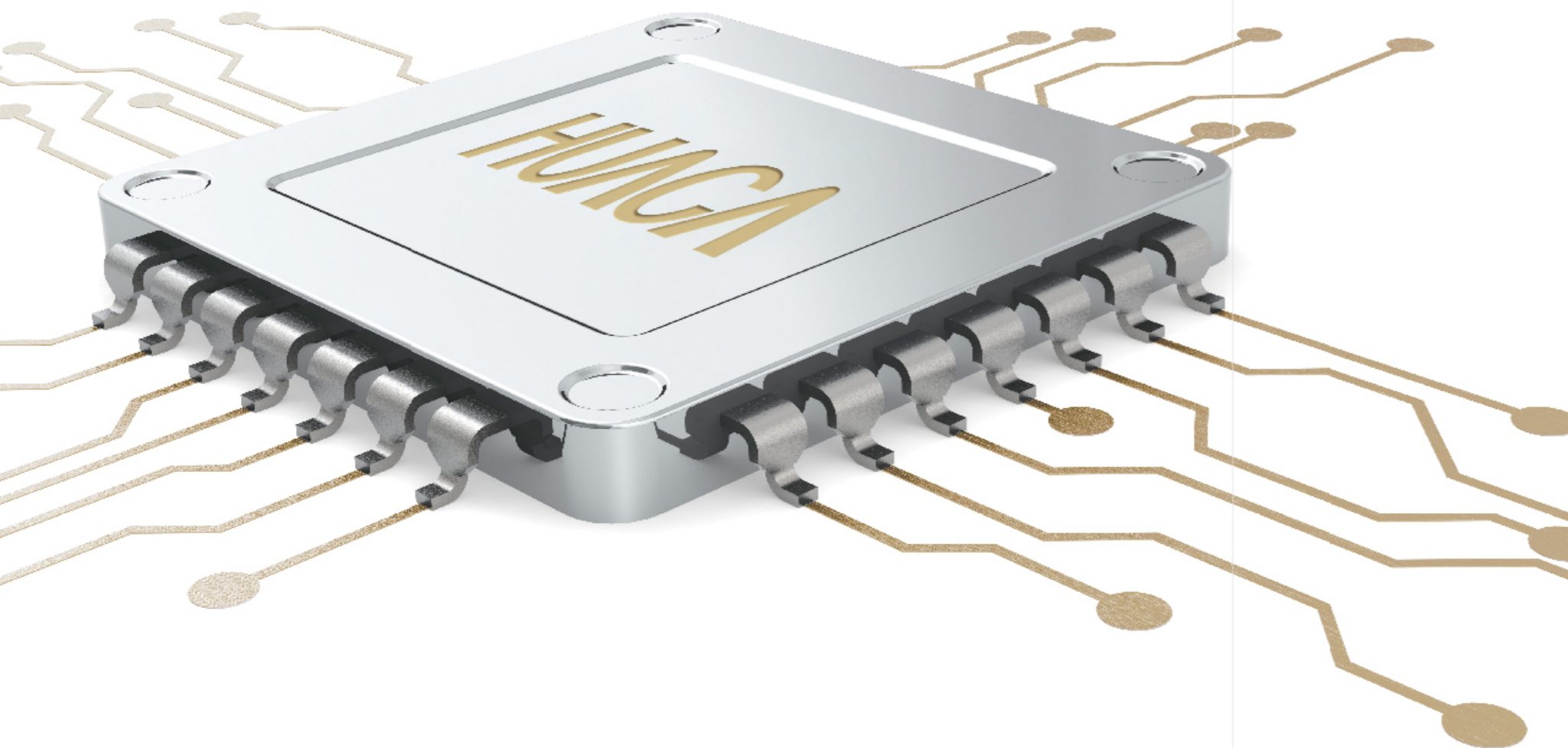
HUACA Elevator boosts the construction of smart cities

HUACA Elevator powerfully unites with GOSUN ONLINE SECURITY. It develops "HUACA Cloud System". It constructs the times of Web of Things with multi-equipment internet. HUACA Elevator has got full-line settlement to the building principle of digital factory. Through smart update, it gradually fulfills fully automatic flow production. It utilizes digital technology means to manage the elevator use and after-sale. It provides vast users with safe and trustworthy products, superior services. Meanwhile, it leads a new future of smart and digital elevators.



HUACA Smart Elevator applies the intellectual elevator functions such as digital, Web of Things, energy-saving, safety, silent calling etc. to smart city construction. It is supported by technical defense, video monitor technology. It gets an integrated application of the latest technologies such as human image, vehicle recognition, intellectual access control, fingerprint collection, 5G, VR and so forth. It creates a smart, valid, effective, integrated district platform with controllable security. It arranges HUACA 360 Safeguard Terminal in school gateway area. It provides the schools with full-view video, AI human-face recognition, screening the grey-list, one-key alarm, visitor register, people's entry / exit management etc. It further warrants the school safety and teaching order.

HUACA cloud system optional function



Gesture elevator-control system

It applies gesture action recognition technology. It supports up / down gesture in corresponding to up / down calling operation. It fulfills silent calling.



Voice recognition elevator-control system

It utilizes voice recognition technology. It fulfills non-contact calling through intellectual interactive mode.



Human-face recognition elevator-control system

Elevator car is equipped with HD camera (recognizable to face with mask). It automatically recognizes the passengers who agree to register. It sends them to designated floor. It fulfills silent calling.



Holographic projection elevator-control system

It applies the latest holographic projection and floating touch technology. It fulfills non-contact calling with truly naked-eye holographic screen.



Gesture APP elevator-control system

It applies cloud calling technology. It fulfills booking and non-contact calling through mobile APP.





Fall-over recognition pre-warning

If any sick / drunken / injured passenger falls down in elevator car, he / she can not positively send command, after smart recognition, it pre-warns the housing property management. It then makes home landing, opens and waits for rescue.

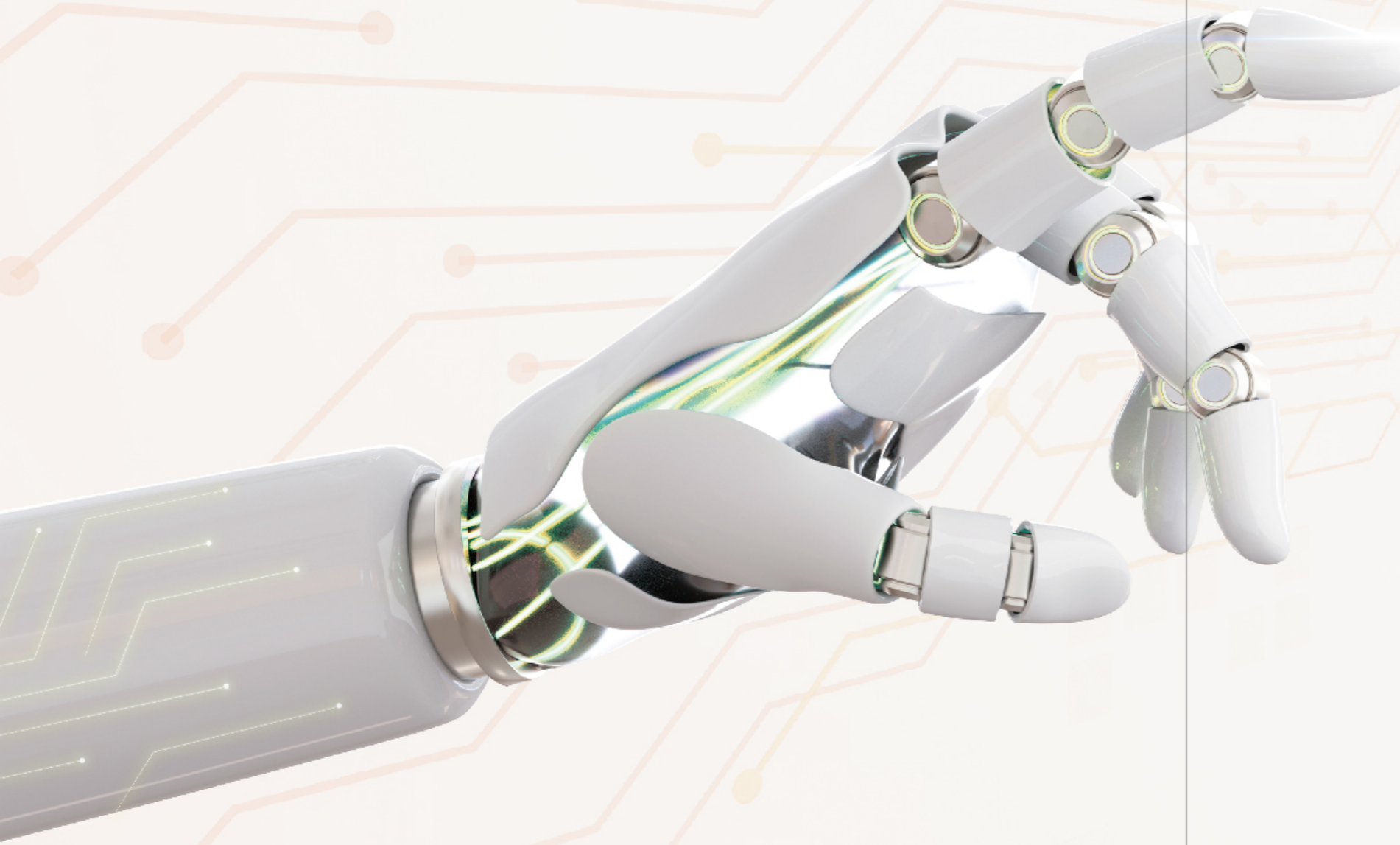


Intellectual sterilizing

Sterilizer in elevator car can fulfill the following:
Purify the air in elevator car;
Disinfect the object surface in elevator car;
Make the timed and quantitative sterilization;
Sanitizer is harmless to human bodies. (AIR GARDEN Deoxygenase disinfection tablets are inspected by Shanghai Disease Control Office. It kills 99.977% of Viral bacteria within 30 second.)



HUACA cloud system optional function



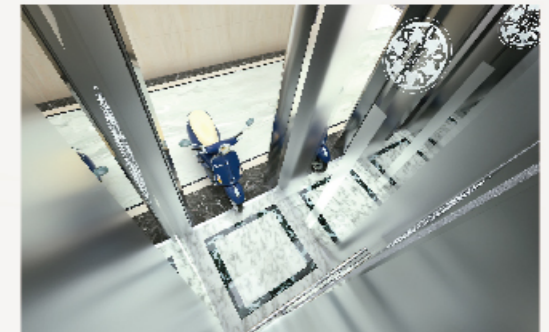
Intellectual fire-extinguishing function

Smart fire-extinguisher in elevator car: when sensor recognizes the fire source, it positively sprays liquid fire-extinguishing substances. It is harmless to human bodies. It does not damage any elevator parts.



Scooter recognition pre-warning

If passenger takes any dangerous scooter / EV-battery etc. into elevator car, it makes intellectual recognition and voice warning to the passenger. Elevator does not start till the danger leaves.



Web of Things monitor system

It utilizes Web of Things technology. It makes real-time monitor to elevator conditions. It alarms any trouble. It pre-diagnoses / analyzes the data etc. It thus ensures safe elevator running.





HUACA GWE passenger elevator “Ecological level” smart life elevator

Effective energy-saving, energy feedback



Cozy, smooth and peaceful running



Safe, long-acting top-technology



Space-saving, compact design





Serial communication technology



Permanent magnet synchronous and gear-less traction system



Light-curtain door protection



Anti-accidental-shift of elevator car



Best running curve



VVVF variable frequency variable voltage door machine control system



Landing door safety protection



3 safety components



Micro-computer group-supervision system (optional)



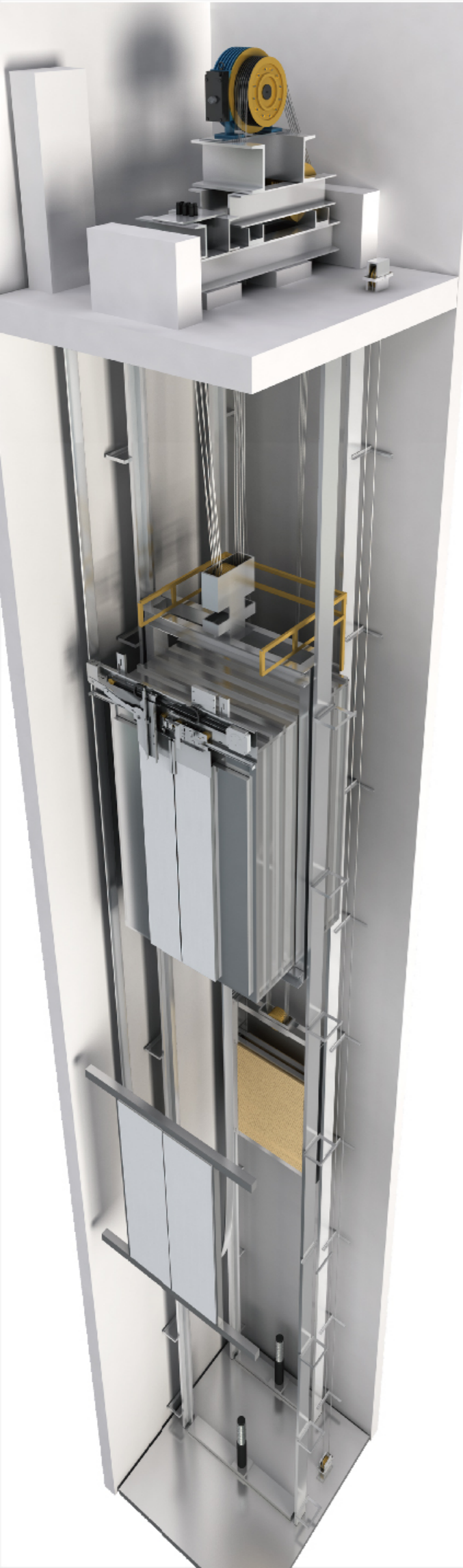
Energy feedback system (optional)



Long-distance monitor system
Smart supervision safety home (optional)



Safe, long-acting top-protection



Small machine room passenger elevator

Compared with traditional elevators, small machine room elevator is more compact in structure. It is small, light and exquisite. It is prompt and convenient in installation and maintenance with the intensive space effect. It reduces the building cost and saves the energy.

30%



It saves 30% of machine room area

It saves the building area and enhances the design freedom. It applies the compact and gear-less traction machine to leave a larger space for machine room.



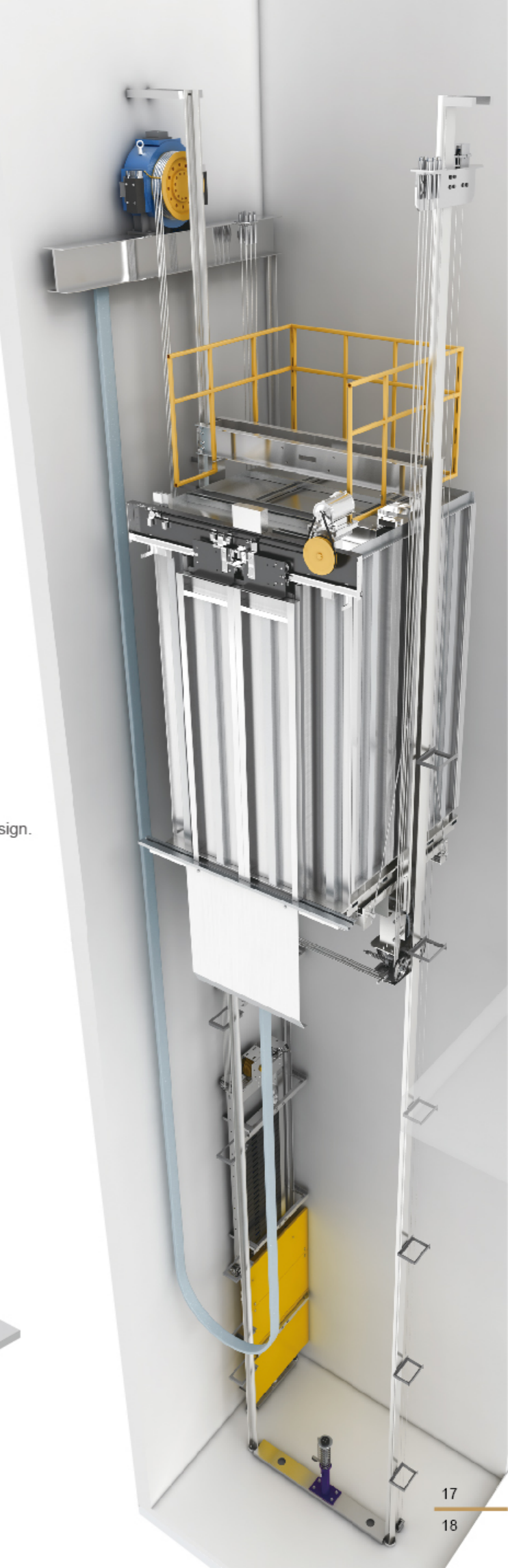
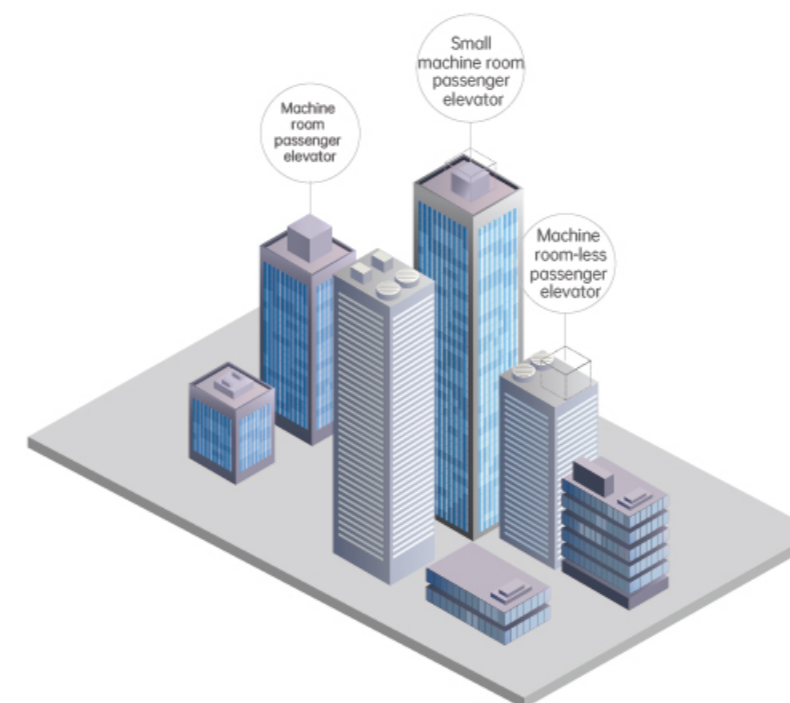
Effective installation efficiency

Small machine room elevator helps to increase the efficiency. Compact host is easy and convenient for initial installation or later change / transformation etc.

Machine roomless passenger elevator

Space-releasing gives infinite possibilities

- > Optimized well design effectively saves 10% of the building area.
- > Green drive and energy-saving device saves about 30% of energy.
- > Machine room-less design brings about a freer and easier building design.





Individual design
Guide the popular trend

Standard configuration



HK-K301

- Ceiling: (HK-D301 integrated ceiling)
- Mirror stainless steel, LED ring light, downlight
- First floor lobby door: Hairline stainless steel
- Front wall: Hairline stainless steel
- Car door: Hairline stainless steel
- Control box: (HK-COP160) Hairline stainless steel split type
- Outbound call: HK-HOP171
- Side walls: Hairline stainless steel, mirror etched stainless steel
- Rear wall: Hairline stainless steel, mirror etched stainless steel
- Floor: (HK-DB301) PVC



Scan QR code to watch 720° full-view from elevator car



HK-K302



Scan QR code to watch 720° full-view from elevator car

HK-K303



Scan QR code to watch 720° full-view from elevator car



HK-K304



Scan QR code to watch 720° full-view from elevator car

HK-K305



Scan QR code to watch 720° full-view from elevator car





HK-K306 (Optional)

Ceiling: (HK-D301 integrated ceiling)
 Champagne gold mirror stainless steel, LED ring light, downlight
 First floor lobby door: Champagne gold hairline stainless steel
 Front wall: Mirror stainless steel
 Car door: Champagne gold hairline stainless steel
 Control box: (HK-COP173) Mirror stainless steel integrated
 Outbound call: HK-HOP172
 Side walls: Mirror stainless steel, champagne gold hairline stainless steel
 Rear wall: Mirror stainless steel, champagne gold hairline stainless steel
 Floor: (HK-DB306) PVC (optional marble)



Scan QR code to watch
 720° full-view from
 elevator car



Note: Sample pictures are for reference only. Please take actual products as criterion.

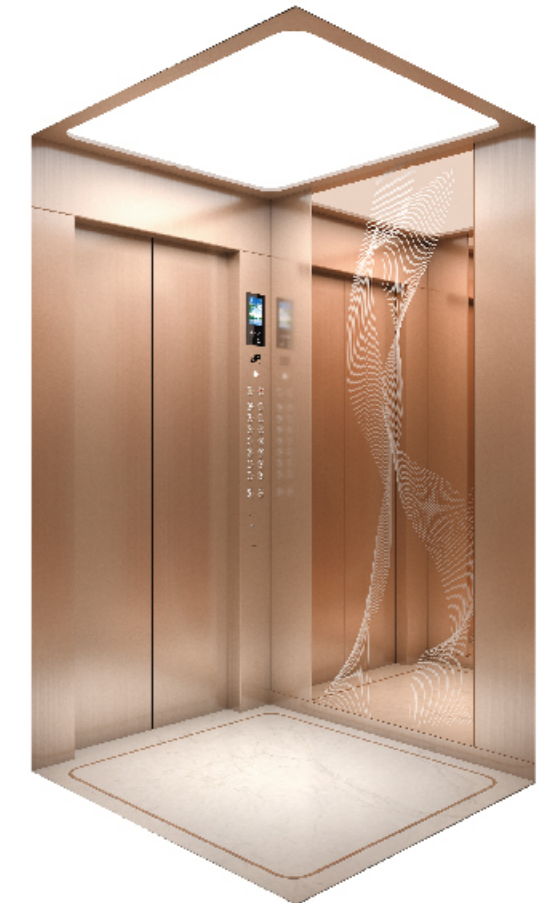
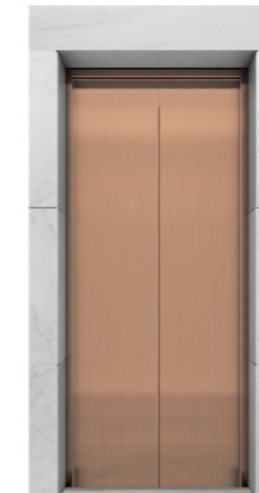


HK-K307 (Optional)

Ceiling: (HK-D307 split ceiling)
 Rose gold hairline stainless steel, acrylic light-emitting panel
 First floor lobby door: Rose gold hairline stainless steel
 Front wall: Rose gold hairline stainless steel
 Car door: Rose gold hairline stainless steel
 Control box: (HK-COP173) rose gold hairline stainless steel integrated
 Outbound call: HK-HOP172
 Side walls: Rose gold hairline stainless steel, rose gold mirror etched stainless steel
 Rear wall: Rose gold hairline stainless steel, rose gold mirror etched stainless steel
 Floor: (HK-DB307) PVC (optional marble)



Scan QR code to watch
 720° full-view from
 elevator car



Note: Sample pictures are for reference only. Please take actual products as criterion.



HK-K308 (Optional)

Ceiling: (HK-D405 split ceiling)
 Bronze mirror stainless steel, acrylic light-emitting panel
 First floor lobby door: Bronze mirror stainless steel
 Front wall: Bronze mirror stainless steel
 Car door: Bronze hairline stainless steel
 Control box: (HK-COP173) Bronze mirror stainless steel integrated
 Outbound call: HK-HOP172
 Side walls: Bronze mirror stainless steel, painted stainless steel plate
 Rear wall: Bronze mirror stainless steel, painted stainless steel plate
 Floor: (HK-DB308) PVC (optional marble)



Scan QR code to watch
 720° full-view from
 elevator car



HK-K309 (Optional)

Ceiling: (HK-D309 split ceiling)
 Black titanium mirror stainless steel, acrylic light-emitting panel, LED light
 First floor lobby door: Black titanium hairline stainless steel
 Front wall: Black titanium mirror stainless steel
 Car door: Black titanium hairline stainless steel
 Control box: (HK-COP173) Black titanium mirror stainless steel integrated
 Outbound call: HK-HOP172
 Side walls: Black titanium hairline stainless steel, mirror decorative strip
 Rear wall: Black titanium hairline stainless steel, mirror decorative strip
 Floor: (HK-DB309) PVC (optional marble)



Scan QR code to watch
 720° full-view from
 elevator car



Observation elevator car decoration



HK-G301 (Standard)

Upper and lower covers: Hairline stainless steel
 Decorative ceiling: (HK-D401 split ceiling)
 Mirror stainless steel, acrylic light-emitting panel, LED light
 First floor lobby door: Hairline stainless steel
 Front wall: Hairline stainless steel
 Car door: Hairline stainless steel
 Control box: (HK-COP173) integrated hairline stainless steel
 Outbound call: HK-HOP171
 Side wall: Mirror stainless steel, safety laminated glass
 Rear wall: Mirror stainless steel, safety laminated glass
 Handrail: HK-F311 hairline stainless steel round handrail
 Floor: (HK-DB301) PVC



Scan QR code to watch 720° full-view from elevator car



HK-G302 (Optional)

Upper and lower covers: Hairline stainless steel
 Decorative ceiling: (HK-D402 integrated ceiling) Mirror stainless steel, acrylic light-emitting panel, LED light
 First floor lobby door: Hairline stainless steel
 Front wall: Hairline stainless steel
 Car door: Hairline stainless steel
 Control box: (HK-COP173) integrated hairline stainless steel
 Outbound call: HK-HOP171
 Side wall: Hairline stainless steel
 Rear wall: Hairline stainless steel, safety laminated glass
 Handrail: HK-F312 hairline stainless steel round handrail
 Floor: (HK-DB301) PVC



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HK-G303 (Optional)

Upper and lower covers: Champagne gold hairline stainless steel, acrylic lighting
 Decorative ceiling: (HK-D406 integrated ceiling) Champagne gold hairline stainless steel, acrylic light-emitting panel, LED light
 First floor lobby door: Champagne gold hairline stainless steel
 Front wall: Champagne gold hairline stainless steel
 Car door: Champagne gold hairline stainless steel
 Control box: (HK-COP173) Champagne gold hairline stainless steel integrated
 Outbound call: HK-HOP171
 Side wall: Champagne gold hairline stainless steel
 Rear wall: Champagne gold hairline stainless steel, safety laminated glass
 Handrail: HK-F312 champagne gold hairline stainless steel round handrail
 Floor: (HK-DB301) PVC



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HK-G304 (Optional)

Upper and lower covers: Steel plate sprayed with stainless steel color, wrapped with titanium stainless steel
 Decorative ceiling: (HK-D407 integrated ceiling) Steel plate sprayed with stainless steel color, acrylic light-emitting panel
 First floor lobby door: Hairline stainless steel
 Front wall: Hairline stainless steel
 Car door: Hairline stainless steel
 Control box: (HK-COP173) Hairline stainless steel integrated
 Outbound call: HK-HOP171
 Side wall: Hairline stainless steel
 Rear wall: Hairline stainless steel, safety laminated glass
 Handrail: HK-F314 hairline stainless steel double handrail
 Floor: (HK-DB301) PVC



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Hospital elevator

It fully shows human-centered design concept from HUACA hospital elevator serial products. It creates a warm, cozy and sweet activity space for both patients and medical staff to maximum extent. Soft light and concise color tone grant you to fundamentally feel the warm caring and happy blessing from HUACA Elevator at all times.



HK-Y001(Standard)

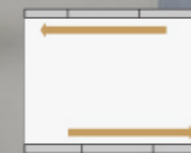
- Ceiling: (HK-D403 integrated ceiling)
Hairline stainless steel, acrylic light-emitting panel, LED downlight
- First floor lobby door: Hairline stainless steel
- Car door: Hairline stainless steel
- Control box: (HK-COP160) hairline stainless steel split type
- Handicapped control box: (HK-COP176) hairline stainless steel split type
- Outbound call: HK-HOP172
- Side wall: Hairline stainless steel
- Rear wall: Mirror stainless steel
- Handrail: (HK-F313F) Hairlinestainless steel
- Floor: Patterned aluminum plate



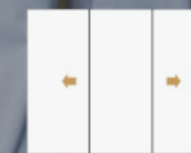
Scan QR code to watch
720° full-view from
elevator car



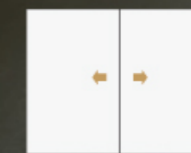
Multiple door-opening modes
for your selection



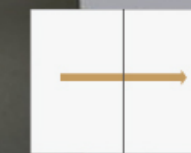
Opposite door



Center-opening double-folded



Center-opening



Side-opening

Note: Sample pictures are for reference only. Please take actual products as criterion.



Dumbwaiter elevator

Dumbwaiter provides small freight elevators in various buildings with the prompt, economical, convenient vertical transport. It greatly saves time and labor resources. It is widely applicable for hotel, restaurant, bank, hospital etc. to deliver the food, drink, dining ware, daily products and so on.

It is of small covering space. It needs no strong construction bearing force. It can fulfill effective and economical design to old and new buildings. Advanced PC machine control module brings about the smooth running and accurate leveling. Human-centered design offers the more flexible operation. Because of its feature of small loading capacity, it is divided into windowsill type and floor type.

Windowsill type dumbwaiter

From windowsill to ground $\geq 70\text{cm}$.

It fits for transporting light articles such as pallet etc.

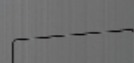
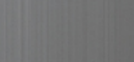
Floor type dumbwaiter

Direct leveling with ground level.

It fits for transporting small push cart or dining cart etc.



Human-machine Interface



Control box



HK-COP160
Split type control box
(Standrad)

Display



HK-DIS703



HK-DIS702



HK-DIS701

Button



HK-BUT2602



HK-BUT053

Outbound call box



HK-HOP171
(Standrad)



HK-DIS305

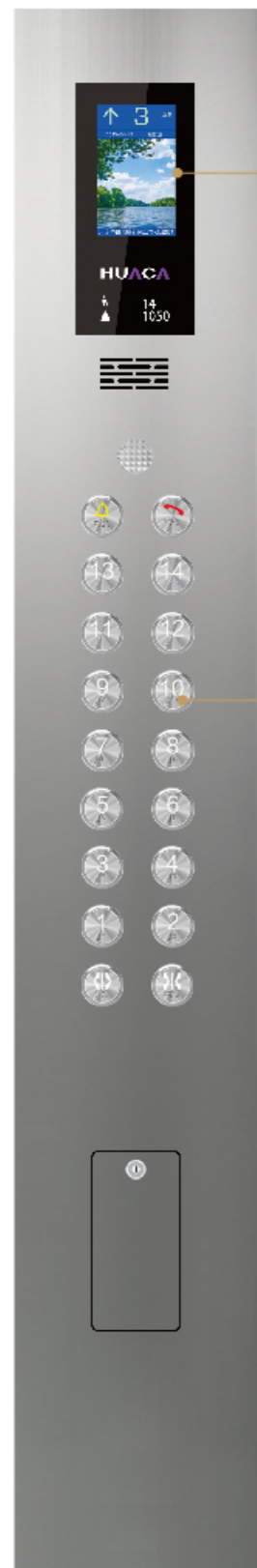


HK-BUT2602

Note: Sample pictures are for reference only. Please take actual products as criterion.

Control box

Display



HK-DIS701



HK-DIS702



HK-DIS703

Button



HK-BUT2602



HK-BUT053

Outbound call box



HK-HOP172
(Optional)



HK-DIS301



HK-BUT2602

HK-COP173
integrated control box
(Optional)
Color options available

Note: Sample pictures are for reference only. Please take actual products as criterion.



HK-COP176 (Optional)

Handicapped control box

Operation box for the disabled is usually installed in side wall. (It is slightly lower than main operation box.) it is convenient for people in wheel-chair to operate the elevator more promptly and conveniently. It gets braille press-button. It is more convenient for the blind or people with limited vision. It supplies the more prompt, efficient and convenient travel. It shows human-centered caring.

Control box



HK-COP180
(Optional)

Outbound call box



HK-HOP183
(Optional)



HK-DIS308



HK-DIS308A



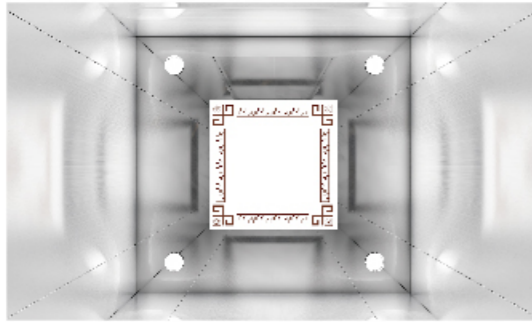
HK-DIS308B



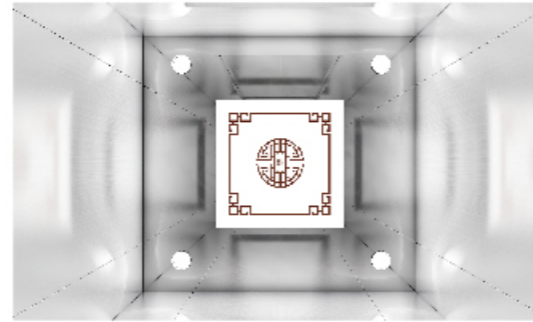
HK-BUT053

Note: Sample pictures are for reference only. Please take actual products as criterion.

Plate lamp

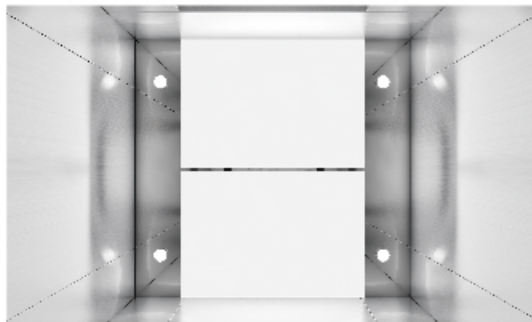


HK-PL006 (Standrad)
Aluminum alloy frame,
acrylic light-emitting panel

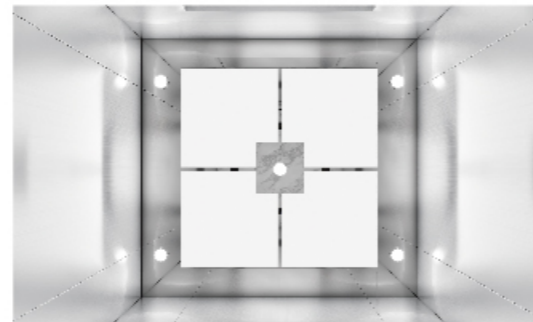


HK-PL007 (Standrad)
Aluminum alloy frame,
acrylic light-emitting panel

Ceiling



HK-D401 (Optional)
Mirror stainless steel, acrylic light-emitting panel, LED light



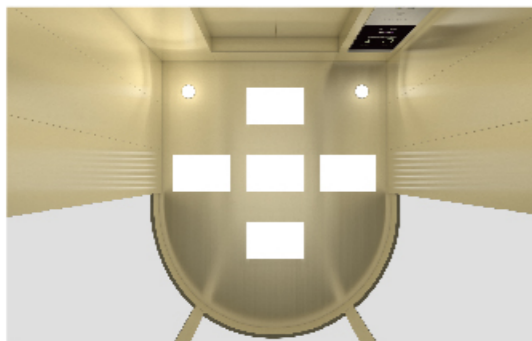
HK-D402 (Optional)
Mirror stainless steel, acrylic light-emitting panel, LED light



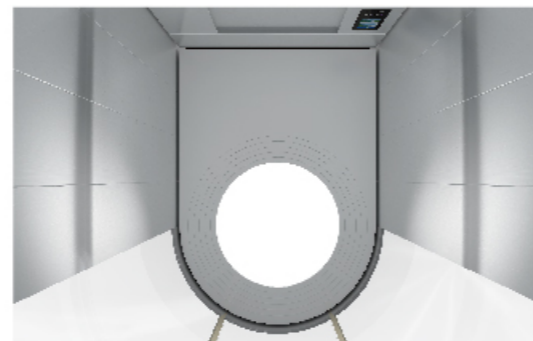
HK-D403 (Optional)
Hairline stainless steel, acrylic light-emitting panel, LED light



HK-D405 (Optional)
Hairline stainless steel, acrylic light-emitting panel



HK-D406 (Optional)
Champagne gold hairline stainless steel,
acrylic light-emitting panel, LED light



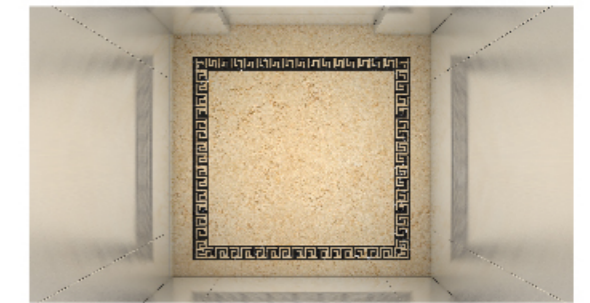
HK-D407 (Optional)
Hairline stainless steel, acrylic light-emitting panel

Note: Sample pictures are for reference only. Please take actual products as criterion.

Floor



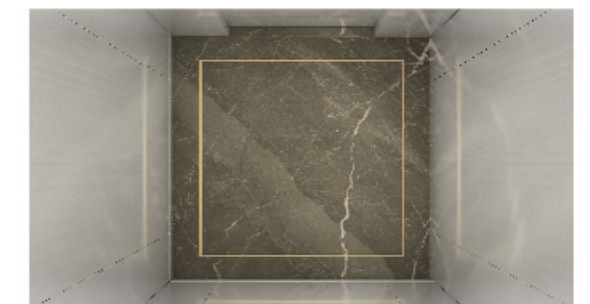
HK-DB302 (Optional)
PVC/marble



HK-DB303 (Optional)
PVC/marble



HK-DB304 (Optional)
PVC/marble



HK-DB305 (Optional)
PVC/marble

Handrail



HK-F313F (Optional)
Stainless steel flat handrail



HK-F301F (Optional)
Stainless steel round handrail



HK-F303J (Optional)
Stainless steel triple handrail



HK-F309TM (Optional)
Combination of logs and titanium alloy

Note: Sample pictures are for reference only. Please take actual products as criterion.

Function table

Travel function

All collective selective functions	When elevator runs individually, it applies collective selective control mode. It gives first priority to elevator that gets same direction hoist-way calling one by one. After it completes all of same-direction calling, it then automatically responds the reversal calling.
Attendant functions	Attendant manages floor-selection, outer-calling response, opening, closing etc. It gives first priority to determine the elevator running direction.
Full-load by-pass	If it is of full load, it automatically changes to by-pass running. It only executes car command. It does not respond any outer calling signals.
Auto return to home landing	Without hoist-way calling / car command, elevator automatically backs to preset base station.
Serial communication	It applies bus for serial data communication between various parts. It reliably and quickly transmits a lot of data. Meanwhile, it reduces wiring between the parts. It thus enhances overall reliability.
Automatic opening	Elevator opens automatically for every leveling. If it presses local hoist-way calling button or opening button, it then automatically opens the car door.
Designated parking	Connect with parking switch, it returns to home landing, closes the door, shuts off the lights and stops.
Closing time protection function	If opening time exceeds preset period, temporary forced function starts automatically. It closes the door.
Shaft data self-learning	Self-tuning of measuring well floor-height, protection switch position, decelerating switch position etc. It permanently keeps the running data. It thus ensures the accurate leveling.
Cancel the error command	Passenger presses command button, it is registered. But it is not actual requirement. Passenger can then twice press the error command to cancel it.
Direct parking	System controls the elevator to decelerate as per distance principle without crawl in leveling.
Independent operation	Elevator does not accept any outside calling. It does not close automatically. (In parallel or group supervision, in order to provide specific people with special service; to deliver VIP or goods. Press independent running switch, it is then separated from group supervision. It runs
Automatic correction of floor position signal	During systematic running, each terminal switch operating point and each-floor leveling switch operating point revise the position pulse in leveling.
Anti-nuisance function	In order to avoid empty running, it logically judges the loading capacity. It cancels abnormal command. It thus prevents from any tricks / error car commands.
Prompt function of arrival gong	Arrival gong rings during decelerating & leveling process. It reminds the passengers in the car or hoist-way waiting passengers that elevator is leveling at the moment.

Safety function

Inspection running	After the setting of inspection condition, press slow up / down button, elevator runs upward / downward by the inspection speed. It stops while releasing the button. It thus satisfies use requirements of systematic debugging, maintenance, inspection.
Overload protection	When elevator is overload, it keeps opening. It rings the buzzer in the car. It shows overload information. Elevator does not start.
Door light-curtain protection	During closing process, if infrared ray which basically covers the whole door height detects any passenger / object, it opens again.
Fire-fighting function	After it starts fire-fighting switch, it cancels all the commands. Elevator immediately returns to the designated landing.
Over-speed protection	If car speed exceeds the rated speed, it automatically starts over-speed monitor device and cuts off the safety loop. It thus protects the safety of both the equipment and the passengers.

Safety function

Impact-proof landing door system	Anti-impact landing door system: When landing door system is in locking position, it further strengthens anti-impact capacity to all the locks and landing doors. It effectively prevents from dangerously falling down to the well due to impacting the landing door system. Furthermore, it guarantees that landing door function is not affected. It safeguards the related people.
Car accidental movement protection device	Protection device against accidental car movement: If landing door is not locked and car door is not closed, it brakes the car if it leaves the landing due to abnormal accidental movement. It thus prevents from injuring any passengers / damaging any equipment.
Anti-pulling device of car door	It prevents the passengers from falling down to the well when car is outside the unlocking zone and car door opens. It further protects the safety of passengers in elevator car.
Door motor protection	During opening / closing process, if it comes upon any outside resistance that exceeds certain value, elevator then runs reversely.
Trouble self-diagnostic	It can record the latest trouble code. It helps the repairers to promptly and effectively analyze / dispose any elevator troubles.
Terminal overrun protection	Up / down terminals get terminal protection switch. It prevents from any car over-travel.
Contacting detection protection	System automatically detects, alarms any trouble. It checks if the related running contactor is normally released / actuated or not. If it goes wrong, car stops. It gives the precision trouble category.
Door-lock short-circuit protection	If system detects any trouble in connecting with door lock, car stops then.
Anti-skid protection	If system detects the skid wire rope, car stops. It restores normal operation till system is reset.
Speed-governor trouble protection	If system detects any trouble signal of speed governor, it makes emergency stop. It restores normal operation till speed governor is good and system is reset.

Human-machine interface

HD display	Hoist-way system and car system apply HD floor display. It features as clear character, vivid display, attractive font etc.
Display interface operation	It shows elevator speed, direction, condition, given running curve, feedback speed curve. It can also set various parameters, inquire any trouble records due to the above.
Optimized setting of landing display character	It can optimize and set the shown characters through systematic liquid crystal operator, e.g. setting "B" for -1F etc.

Emergency Function

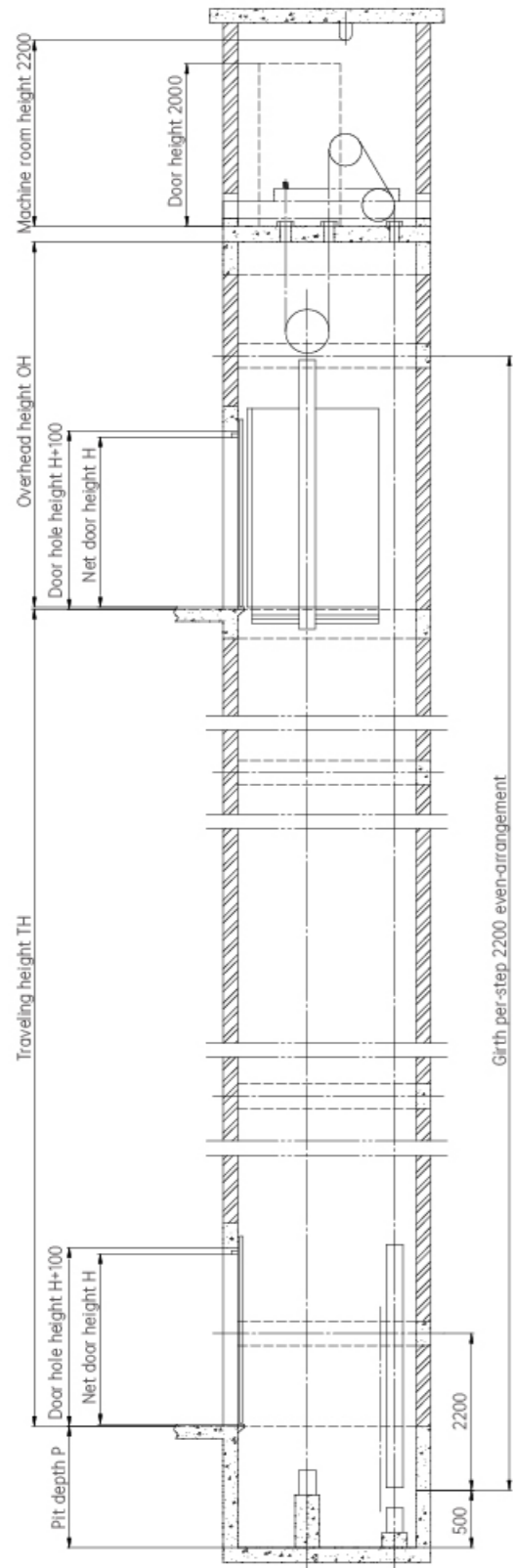
Emergency alarm	If any passenger is trapped in elevator car, it promptly notifies any administrator for rescue through alarm or communication device.
Intercom function	If emergency comes, sustainably press "emergency button" in the car, it can directly talk with any administrator outside the car.
Slow-speed self-rescue operation	If elevator is not under inspection condition; not in leveling zone, by this time, as long as it accords with the safety requirements, elevator then automatically and slowly runs to leveling zone. It opens and releases the passengers.
Emergency lighting	If normal lighting source goes wrong, it automatically starts emergency lighting device. It keeps continuous car lighting.
Five-party conversation	It can fulfill voice contact and seek for help from machine room, car top, pit, monitor center through intercom in the car operation panel.

Energy saving function

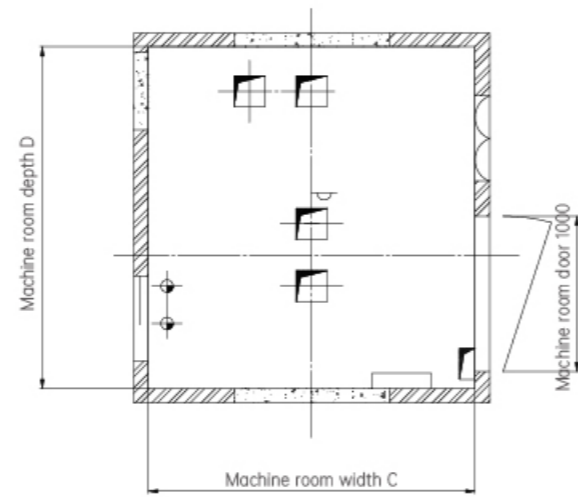
Vector control technology	It accurately and smoothly adjusts the elevator speed. It gets cozy and perfect travel. Compared with other AC speed governor system, it can save over 30% of energy with high running efficiency.
Adjustment of closing time	Drawing reference from passenger source condition, it regulates the waiting time for opening. It thus saves the waiting period. It further enhances the overall running efficiency.
It automatically dies out the lighting and shuts the fan after 3 minutes of idle operation	If it exceeds 3 minutes for no command and outer calling register, it automatically stops car lighting and fan. It re-opens upon receiving any command or calling signal.
Cancel the reversal operation	During reversal running, it automatically cancels the chosen inner-calling. Floor shall be selected again. It thus enhances the running efficiency, reduces the passengers' waiting period.

Machine room passenger elevator construction sketch

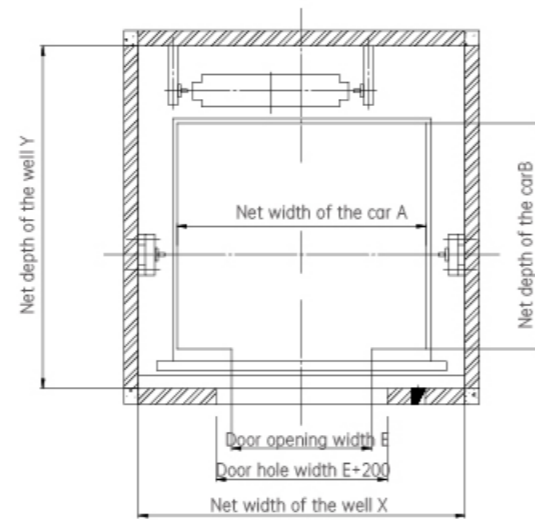
Well longitudinal section



Machine room plan



Well plan



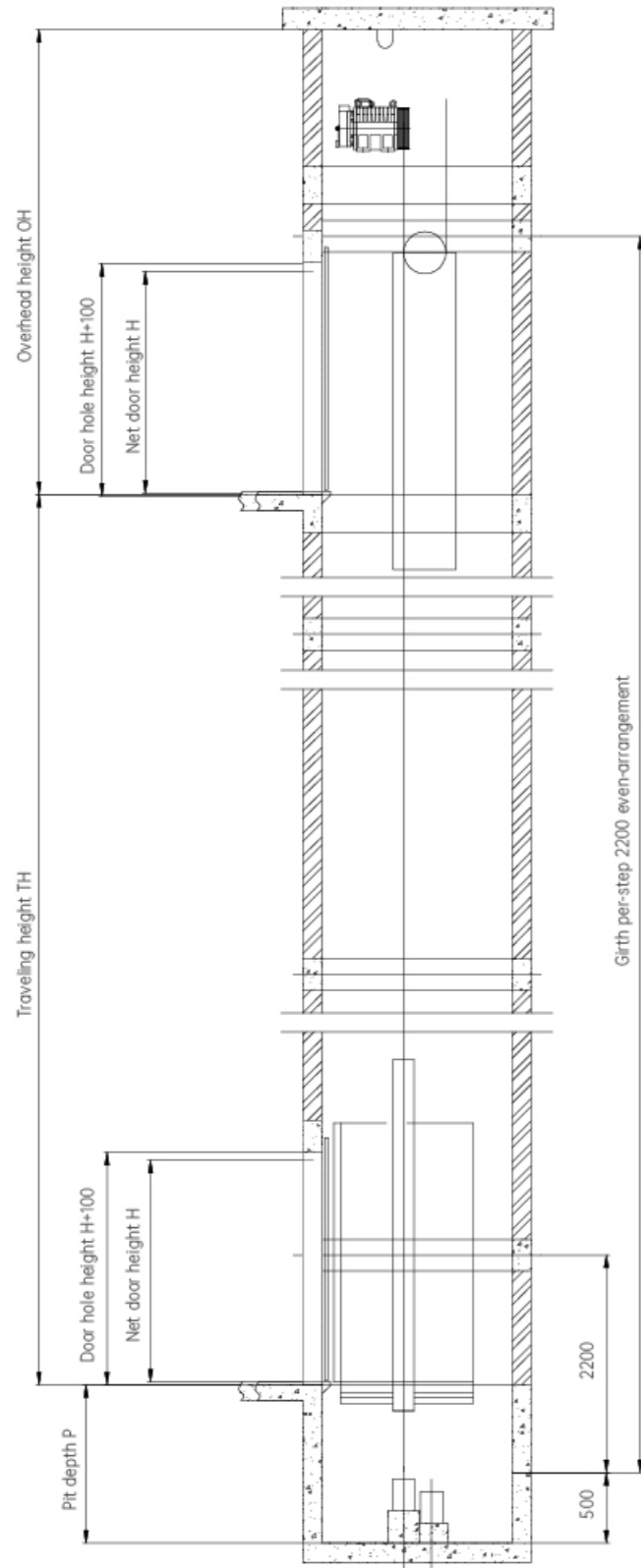
Standard specification table

Load kg	Speed m/s	Car specifications (A×B×G) mm	door opening (E×H) mm	Shaft size (X×Y) mm	Machine room size (C×D×MH) mm	Overhead height mm	Pit depth mm	Rated power kw
630 (8P)	1.0	1300×1200×2500	800×2100 Center-opening	1800×1850	2000×2000×2200	4400	1400	3.9
	1.5					4500	1500	6.3
	1.75					4600	1600	7.3
	2.0					4800	1800	8.4
800 (10P)	1.0	1400×1350×2500	800×2100 Center-opening	1900×2000	2000×2000×2200	4400	1400	5.0
	1.5					4500	1500	8.0
	1.75					4600	1600	9.3
	2.0					4800	1800	10.7
1000 (13P)	1.0	1600×1450×2500	900×2100 Center-opening	2100×2100	2100×2100×2200	4500	1400	6.1
	1.5					4600	1500	9.8
	1.75					4700	1600	11.4
	2.0					4900	1800	13.1
	2.5					5200	2300	16.3
	3.0					5800	2800	19.6
1050 (14P)	1.0	1600×1500×2500	900×2100 Center-opening	2100×2150	2100×2150×2200	4500	1400	6.1
	1.5					4600	1500	9.8
	1.75					4700	1600	11.4
	2.0					4900	1800	13.1
	2.5					5200	2300	16.3
	3.0					5800	2800	19.6
1150 (15P)	1.0	1700×1500×2500	1000×2100 Center-opening	2250×2150	2250×2150×2200	4500	1400	7.5
	1.5					4600	1500	11.3
	1.75					4700	1600	13.1
	2.0					4900	1800	15.1
	2.5					5200	2300	18.8
	3.0					5800	2800	22.5
1350 (18P)	1.0	1850×1600×2500	1100×2100 Center-opening	2450×2300	2450×2300×2200	4500	1400	9.2
	1.5					4600	1500	14.7
	1.75					4700	1600	16.0
	2.0					4900	1800	18.4
	2.5					5200	2300	22.1
	3.0					5800	2800	30.0
1600 (21P)	1.0	2000×1700×2500	1100×2100 Center-opening	2500×2400	2500×2400×2200	4500	1400	10.9
	1.5					4600	1500	17.4
	1.75					4700	1600	19.0
	2.0					4900	1800	21.8
	2.5					5200	2300	26.2
	3.0					5800	2800	32.1
	4.0					6900	3900	44.0

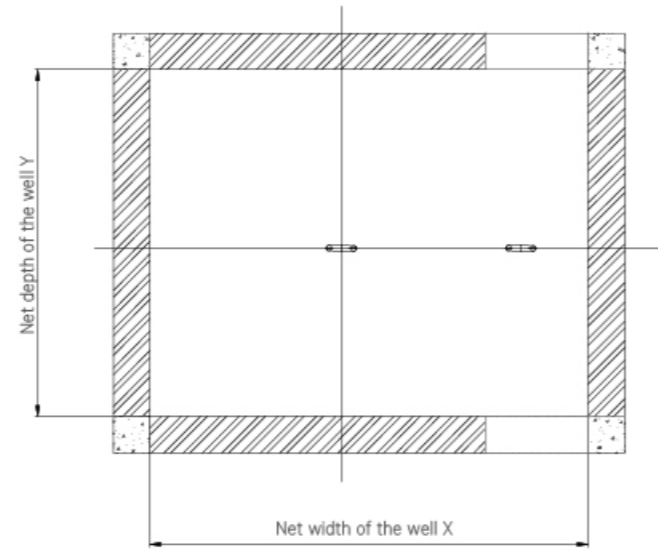
Note: Lingda serial passenger elevator with machine room fits loading capacity Q≤1150kg and speed v≤1.75m/s.

Machine roomless passenger elevator construction sketch

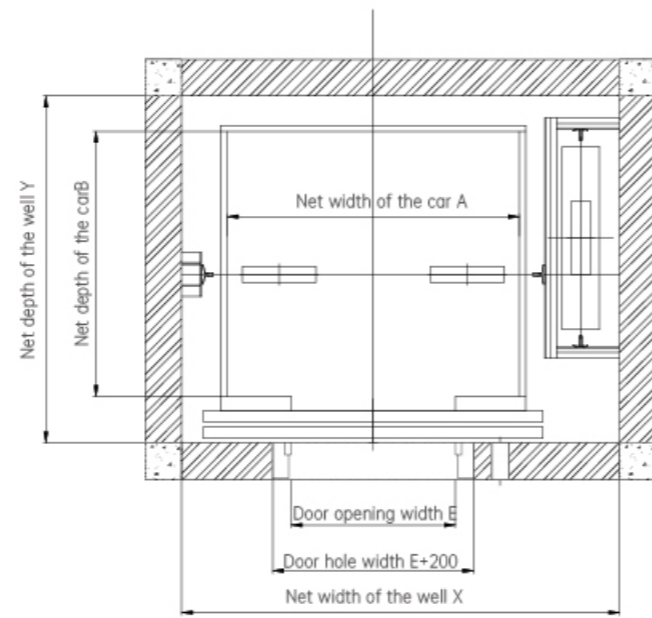
Well longitudinal section



Top-floor plan



Well plan

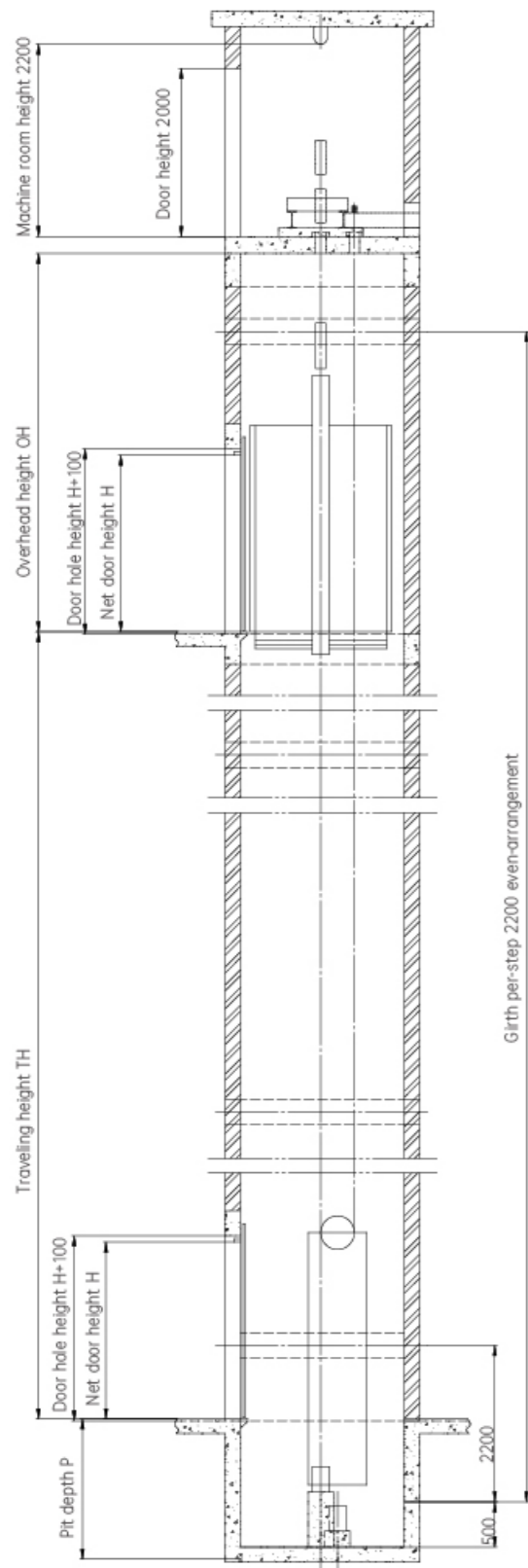


Load kg	Speed m/s	Car specifications (A×B×G) mm	door opening (E×H) mm	Shaft size (X×Y) mm	Overhead height mm	Pit depth mm	Rated power kw
630 (8P)	1.0	1300×1200×2500	800×2100 Center-opening	2100×1650	4500	1500	4.2
	1.5				4600	1500	6.4
	1.75				4700	1600	7.4
800 (10P)	1.0	1400×1350×2500	800×2100 Center-opening	2200×1800	4500	1500	5.4
	1.5				4600	1500	8.1
	1.75				4700	1600	9.4
1000 (13P)	1.0	1600×1450×2500	900×2100 Center-opening	2400×1900	4500	1500	6.7
	1.5				4600	1500	10.1
	1.75				4700	1600	11.8
1050 (14P)	1.0	1600×1500×2500	900×2100 Center-opening	2400×1950	4500	1500	6.7
	1.5				4600	1500	10.1
	1.75				4700	1600	11.8
1150 (15P)	1.0	1700×1500×2500	1000×2100 Center-opening	2550×2000	4500	1500	7.9
	1.5				4600	1500	11.8
	1.75				4700	1600	13.8
1350 (18P)	1.0	1700×1700×2500	1100×2100 Center-opening	2650×2200	4600	1500	9.2
	1.5				4700	1500	13.8
	1.75				4800	1600	16.1
1600 (21P)	1.0	1700×2000×2500	1100×2100 Center-opening	2650×2500	4600	1500	11.0
	1.5				4700	1500	16.6
	1.75				4800	1600	19.4

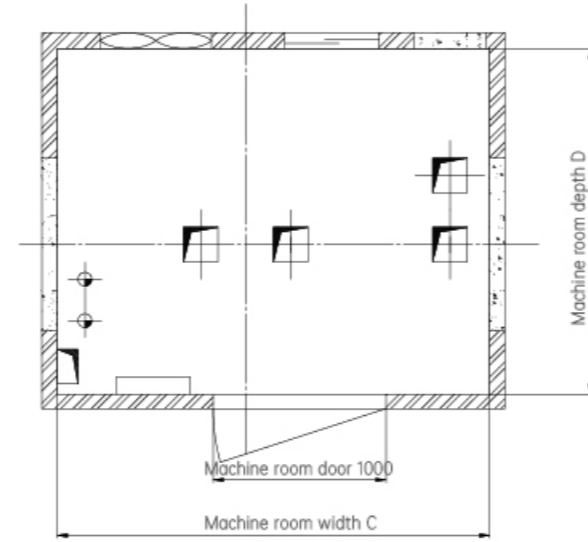
Note: Lingda serial machine room-less passenger elevator fits loading capacity Qs1150kg and speed vs1.75m/s.

Observation elevator construction sketch

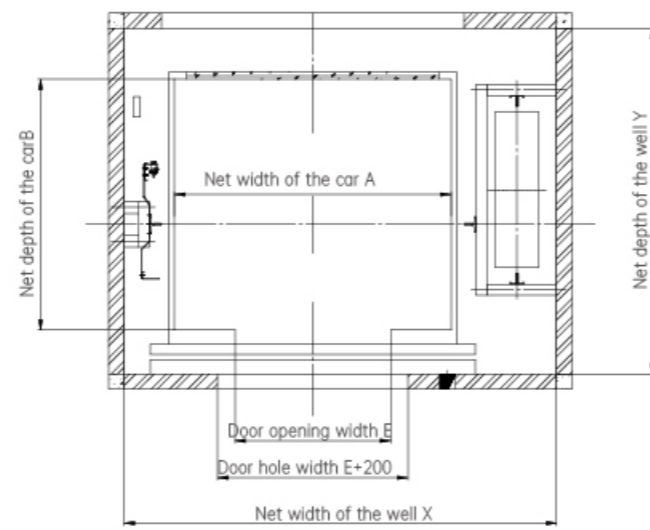
Well longitudinal section



Machine room plan



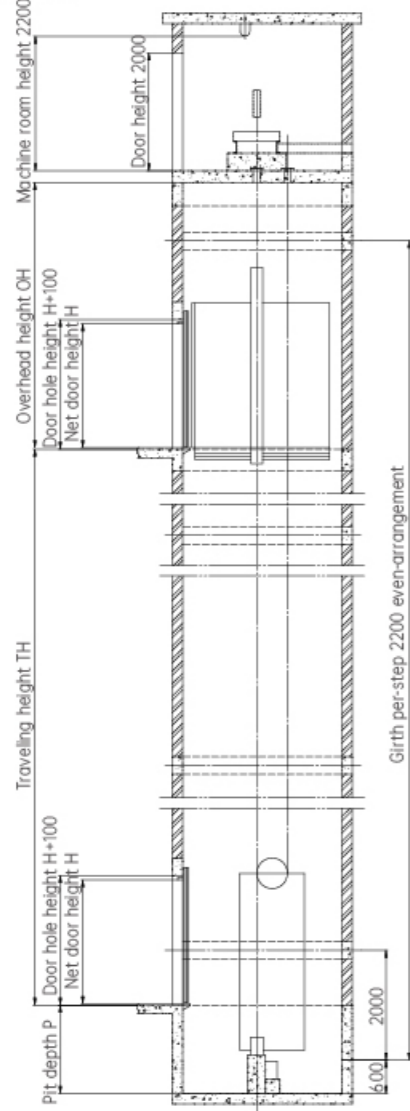
Well plan



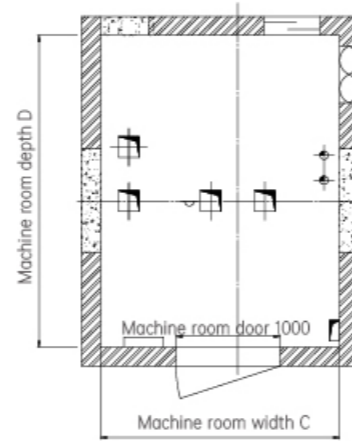
Load kg	Speed m/s	Car specifications (A×B×G) mm	door opening (E×H) mm	Shaft size (X×Y) mm	Machine room size (C×D×MH) mm	Overhead height mm	Pit depth mm	Rated power kw
630 (8p)	1.0	1300×1200×2500	800×2100 Center-opening	2150×1700	2150×2000×2200	4400	1600	3.9
	1.5					4500	1700	6.3
	1.75					4600	1800	7.3
800 (10P)	1.0	1400×1350×2500	800×2100 Center-opening	2250×1850	2250×2000×2200	4400	1600	5.0
	1.5					4500	1700	8.0
	1.75					4600	1800	9.3
1000 (13P)	1.0	1600×1450×2500	900×2100 Center-opening	2450×1950	2450×2000×2200	4500	1600	6.1
	1.5					4600	1700	9.8
	1.75					4700	1800	11.4
1150 (15P)	1.0	1700×1500×2500	1000×2100 Center-opening	2550×2000	2550×2000×2200	4500	1600	7.5
	1.5					4600	1700	11.3
	1.75					4700	1800	13.1
1350 (18P)	1.0	1700×1700×2500	1100×2100 Center-opening	2650×2200	2650×2200×2200	4500	1600	9.2
	1.5					4600	1700	14.7
	1.75					4700	1800	16.0
1600 (21P)	1.0	1700×2000×2500	1100×2100 Center-opening	2650×2500	2650×2500×2200	4500	1600	10.9
	1.5					4600	1700	17.4
	1.75					4700	1800	19.0

Hospital elevator construction sketch

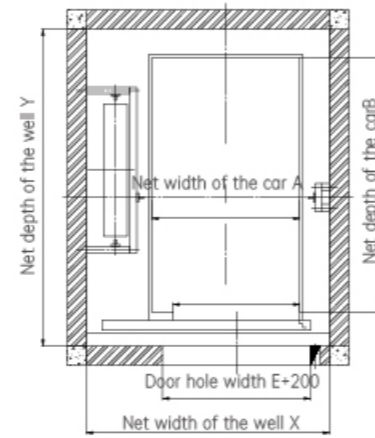
Well longitudinal section



Machine room plan

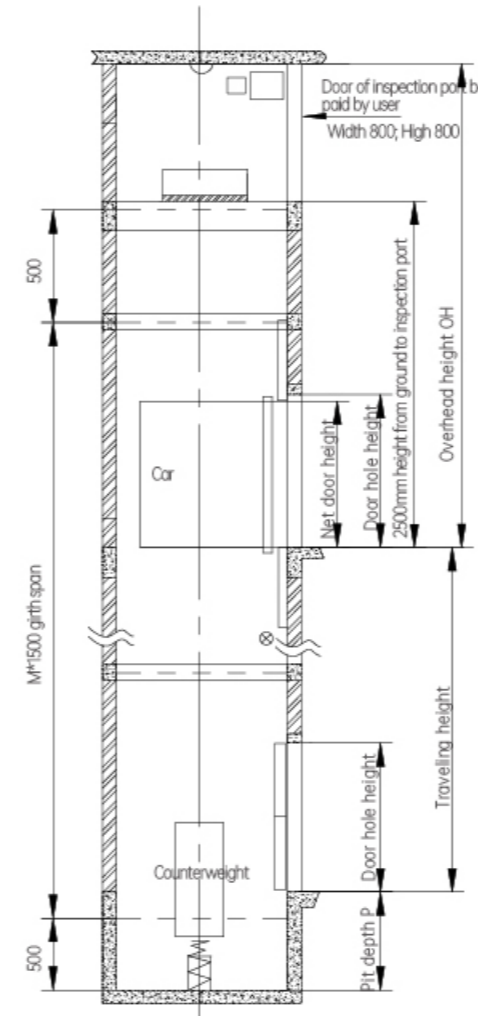


Well plan

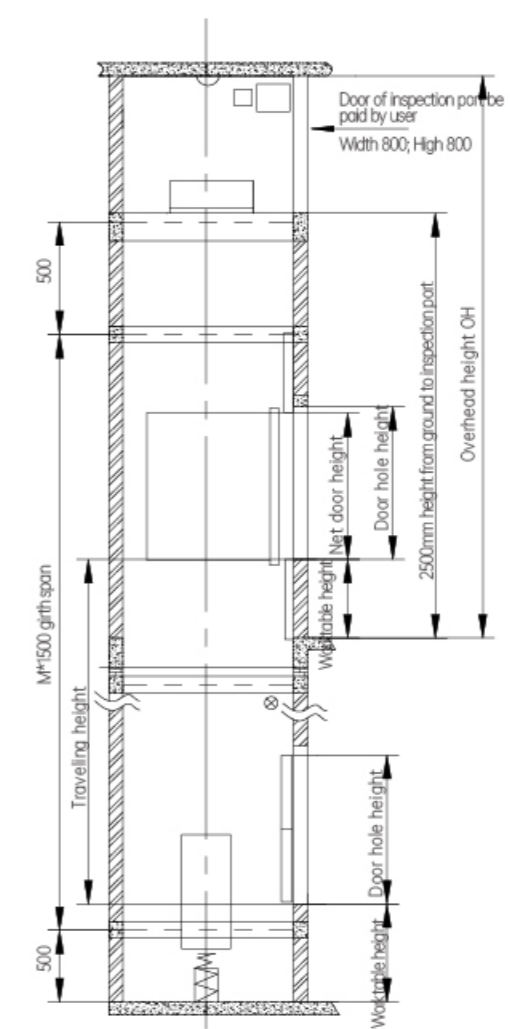


Dumbwaiter elevator construction sketch

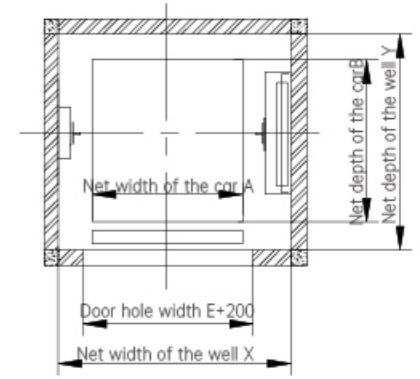
Floor type



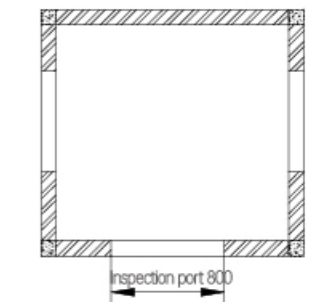
Windowsill type



Well plan



Top-floor inspection plan



Load kg	Speed m/s	Car specifications (A×B×G) mm	door opening (E×H) mm	Shaft size (X×Y) mm	Machine room size (C×D×MH) mm	Overhead height mm	Pit depth mm	Rated power kw		
1600 (21P)	1.0	1400×2400×2500	1200×2100 Side-opening	2300×3000	2300×3000×2500	4500	1500	10.9		
	1.5					4600	1600	17.4		
	1.75					4700	1700	19.0		
	2.0					4900	1800	21.8		
	2.5					5200	2300	26.2		
	3.0					5800	2800	32.1		
	4.0					6900	3900	44.0		
	1.0			2550×2900	1100×2100 Center-opening	2550×2900	2550×2900×2500	4500	1500	10.9
	1.5							4600	1600	17.4
	1.75							4700	1700	19.0
	2.0							4900	1800	21.8
	2.5							5200	2300	26.2
	3.0							5800	2800	32.1
	4.0							6900	3900	44.0

Load kg	Speed m/s	Car specifications (A×B×G) mm	door opening (E×H) mm	Shaft size (X×Y) mm	Type	Overhead height mm	Worktable height/pit depth PP (mm)	Rated power kw
100	0.4	700×700×800	700×800	1300×1000	Windowsill type	3300	700	1.1
200	0.4	800×900×1000	800×1000	1400×1200	Windowsill type	3300	700	1.5
200	0.4	900×900×1000	900×1000	1500×1200	Floor type	3300	800	1.5
250	0.4	900×1000×1000	900×1000	1500×1300	Floor type	3600	1000	2.2
300	0.4	1000×1000×1200	1000×1200	1600×1400	Floor type	3600	1000	3.5

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- If elevators are more than 5 years in operation, it supplies free assessment to running condition, overhaul reliance.
- It applies International Standard Products CE Certification and International Union (1-QNET) Certification. It passes ISO9001, ISO14001 Environmental Management System Certification.
- It sets advisory service special-line (400-012-9968) so that clients experience value-added services.

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