



فالكون لمقاولات تركيب المصاعد والسلالم  
**FALCON ELEVATORS Cont.**



***Your Safety***  
***Our Motto***

***Installation***  
***Maintenance***  
***Modernization***  
***Spare Parts***



## COMPANY PROFILE

### INTRODUCTION:

Falcon elevator is one of the leading elevator company located in UAE With full of quality engineers and technicians, we take this opportunity to proudly introduce ourselves as world class elevators escalators and after sales service solutions. We carry out new installations, remodeling, repairing and maintenance of elevators and escalators .we provide products and services at economical and affordable price ranges and strongly believe that professionalism and reliability are the key attributes to establish a long and healthy business relationship with our clients

Our product portfolio is set up to provide an optimal mobility solution for modern Buildings and urban environments such as residential properties, offices, airports, Hospitals, hotel, cruise ships, stadiums and Malls & retails project. All product offer a seamless approach in terms of building integration, Technology and design.



## COMPANY PROFILE

### MAINTENANCE:

Falcon elevator maintenance team ensures that your equipment run safely and efficiently at all times scheduled preventive maintenance increases the performance of the equipment and brings peace of mind to passengers and building owners. It also enables cost effective and reliable operations, as usage of the equipment increases and requirements grow, maintenance keeps your equipment running continuously and trouble free.

We regularly keep you informed of the condition of your equipment and any potential steps that need to be taken when necessary, we can also undertake any brand of elevators and escalators for the maintenance services after a thorough examination by our expert team.

### MODERNIZATION:

Modernization keeps your equipment running dependably and smoothly for the lifetime of your building. It can also help to keep up with changing requirements. our team conducts thorough analysis of the condition of your equipment, paying special attention to safety, accessibility, aesthetics and performance based on this assessment. We would recommend the necessary changes required to keep the elevators running for a longer period and to match up the latest trends in the market.



## PASSENGER ELEVATOR CABIN DECORATION



FTK-JX001



FTK-JX002



FTK-JX003



FTK-JX004



FTK-JX005



FTK-JX006



FTK-JX007



FTK-JX008



FTK-JX009





## PASSENGER ELEVATOR CABIN DECORATION



FTK-JX0010



FTK-JX011



FTK-JX012



FTK-JX013



FTK-JX014



FTK-JX015



FTK-JX016



FTK-JX017



FTK-JX008



## DOOR PANEL



FTK-DPC001



FTK-DPC002



FTK-DPC003



FTK-DPC004



FTK-DPC005



FTK-DPC006



FTK-DPC007



FTK-DPC008



FTK-DPC009



FTK-DPC010



FTK-DPC011



FTK-DPC012



## CEILING SERIES



FTK-DD001



FTK-DD002



FTK-DD003



FTK-DD004



FTK-DD005



FTK-DD006



FTK-DD007



FTK-DD008



FTK-DD009



FTK-DD010



FTK-DD011



FTK-DD012



## HANDRAILS SERIES



FTK-FS001



FTK-FS002



FTK-FS003



FTK-FS004



FTK-FS005



FTK-FS006



FTK-FS007



FTK-FS008



FTK-FS009



FTK-FS010



FTK-FS011



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FTK-FS015



FTK-FS016



FTK-FS017



FTK-FS018



FTK-FS019

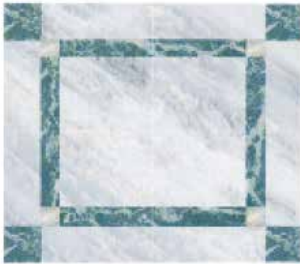


FTK-FS020





## FLOOR SERIES



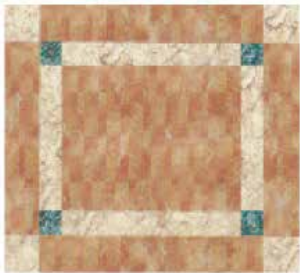
FTK-DP001



FTK-DP002



FTK-DP003



FTK-DP004



FTK-DP005



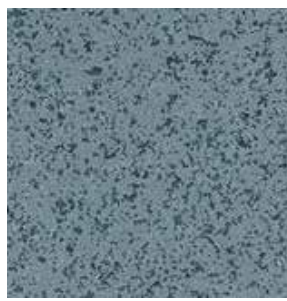
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FTK-DP007



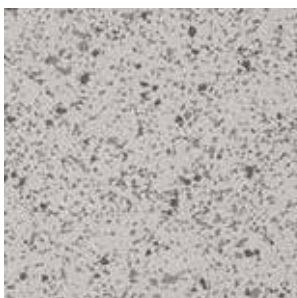
FTK-DP008



FTK-DP009



FTK-DP010



FTK-DP011



FTK-DP012



## OPERATION PANEL SERIES



### Touchscreen

#### Product Features

- Floor selection, door, light, and fan control
- Display of family photo and customer logo
- Number of floors; landscape and portrait display mode



COP06



## OPERATION PANEL SERIES

### Product Features

- Externally mounted 4.2-inch TFT display
- Touch-type elevator calling; touch button illumination
- Real-time display of elevator status, direction, and floor information
- Selection of display modes (white text against blue background or white text against black background) using a DIP switch

Rated Voltage: DC 24V; Rated Current: 160mA

Precaution: Only for markets that do not require RoHS compliance.



LOP06



COP07

LOP07 LOP07D

LOP07N



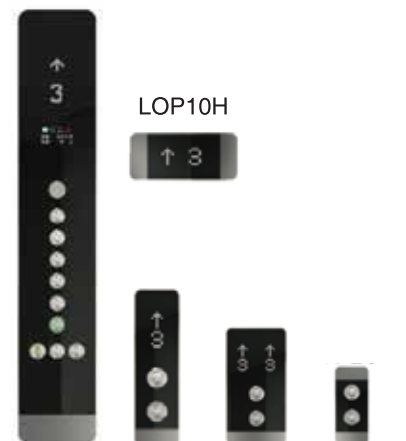
COP08

LOP08



LOP09H

COP09 LOP09 LOP09D LOP09N

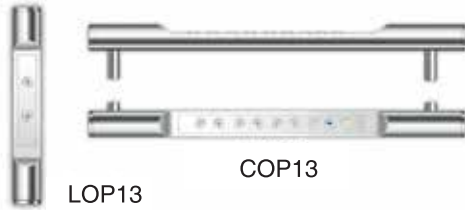


LOP10H

COP10 LOP10 LOP10D LOP10N



## OPERATION PANEL SERIES



LOP13

COP13



COP14



COP15



COP16



COP17



HOP10



HOP01



HOP01D



HOP01N



HOP02



HOP02D



HOP08



HOP03



HOP04



HOP05



HOP06



HOP09



## OPERATION PANEL SERIES



HX01



HX02



HX03



FIRE-A



FIRE-B



Arrival Gong



Display DOT



Display LCD



Display TFT



LZD20



LZD21



LZD22



Voice announcement CHM-B



ARD





## VILLA ELEVATOR

FALCON villa elevator adheres to the design idea of enviromental protecion and energy-saving and merges with the lastest elevator technology nowadays in order to ensure the safe and reliable products & the comfortable travel.The elegantly designed car,fine and exquisite craft and techniques show the outstanding properties and charm of FALCON villa elevator.It is comfortable and convenient in using FALCON villa elevator,you will enjoy your noble life as well.



FTK-BX001



FTK-BX002



FTK-BX003



# VILLA ELEVATOR

## Control Cabinet

### Exquisite

Slim design, integrated for two purposes, and installed in a hidden place to make the elevator look tidy

### Quiet

TUV certified and SIL3 certified contactor-free control technology to reduce the operation noise to less than 45 dB for a Quiet living environment

### Comfortable

Excellent home elevator-intended drive technology to offer the best comfort

### Safe

Multiple solutions to prevent passenger trap for a relaxed experience



Honor type



MINI type

## Gearless Trachine Machine



shelves should be option)





## DUMBWAITER ELEVATOR

Dumbwaiter elevator is the smallest member of the elevator family. According to different use occasions, also known as kitchen elevator, meal ladder or multi-use miscellaneous ladder. Silently serve a variety of industries, with the smallest space, play the greatest role.

Our company has a perfect product line, floor type, window type and other sundries elevator with three different ways to open the door. Leading technology and perfect quality make it easy to meet all the needs.

### Floor type(trolley type)dumbwaiter

**Applicable range:** cars can be used to convey large-scale cargoes, such as raw-food materials or fresh materials in schools or kindergartens' canteens, hotels, western restaurants and snack bars or linens and laundry transportation in guesthouses and hotels

**Service height:** ground level

**Car entrance protection:** car protection bar is configured to prevent large-scale goods or carts from slipping off the lift car (2 panels up sliding door should be equipped with the all-sealed car door)

### Window type dumbwaiter

**Applicable range:** small goods conveying, such as food conveying in schools and kindergartens' canteens, hotels, western restaurants and snack bars, or transportation money, books and medical drugs in banks, libraries and hospitals.

**Service height:** equal height or lower than users' waist, conform to the comfort level of the best height or picking and placing articles in ergonomics.

### Vertical bi-parting door(optional car door)

One removable shelf for standard, fully utilizing the car space, "removable" let the available space more flexible (more





## OPENING TYPES

### Hinged door

This type of dumbwaiter is more suitable for using the handcart. The door system is simple, compact, reliable, and we also can design the left open or right open door according to requirement of client. The ingenious design of the door hinge can effectively ensure the installation precision, reduces the failure rate during the dumbwaiter operation.

### 2 Panels up sliding door

This door system applies the humanization design. It is equipped with all-sealed car door to prevent the small goods from dropping out of the cabin. It lets the dumbwaiter running more safely. On the basis of perfect technology of manual door. It can be added the automatic function and it is equipped with light curtain protection. It lets the operation more safely.

### Vertical bi-parting door

It is suitable for window type, the door panel is made of the whole plate by one-time molding technology to improve the panel strength effectively. Buffer device has been added to the door system, it can reduce the noise when the door is opened or closed by user. It has the optional automatic door, and it is equipped with light curtain protection.







## FREIGHT ELEVATOR

FALCON freight elevator, combined with elevator engineering technology and other top technology, strong drive system, high strength of the mechanical structure design, not only can accommodate heavy goods, but also can operate in a variety of harsh environments, It has the advantages of high transmission efficiency, low noise, flat layer precision and so on. In the energy saving. This elevator is widely used in factories, warehouses, shopping malls and other cargo places.



HTK-HX001 Standard

Car wall: Painted steel  
Ceiling: Painted steel  
Car door: Painted steel



HTK-HX002 Optional

Car wall: Stainless steel hairline  
Ceiling: Stainless steel hairline  
Car door: Stainless steel hairline



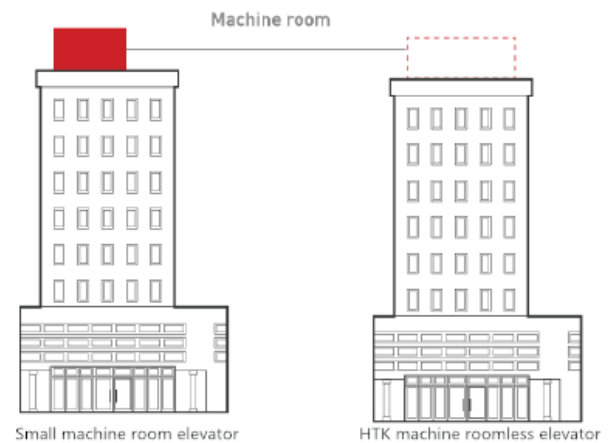


## MACHINE ROOMLESS

FALCON ELEVATOR machine roomless elevator cancels the machine room. The control cabinet and traction machine are installed in inner part of the hoist way, freeing up the original space spared for the machine room. Compared with traditional design, the new mode could save more the floor area. It has the stronger contemporary sense and the more beautiful construction outline. The host and control device are designed at the shaft top to prevent from occasional water-inlet in the shaft which damages the drive. In this way, it guarantees a highly reliable system.



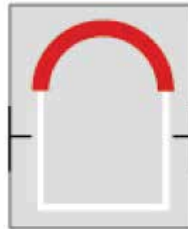
Machine roomless only needs one independent hoist-way and doesn't need the presence of machine rooms. The architects and developers are allowed to conduct designing in a freer way. We can flexibly and effectively apply the top space that is preset for machine room.



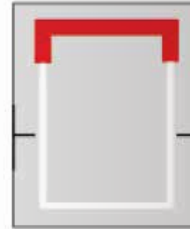


## FALCON PANORAMIC ELEVATOR

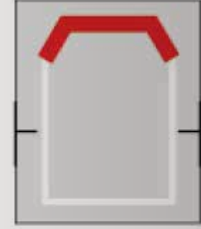
Square, circular and polygon reinforced glass structures offer different scenic perspectives and bring all views to eyes of passengers



Semi-circular shaped

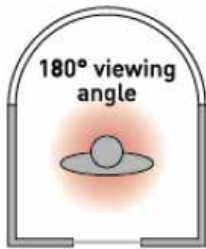


Square shaped



Cutting-angle-type

### 180° half-round observation



FTK-GX001

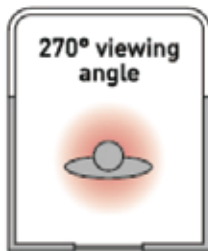


FTK-GX002



FTK-GX003

### 270° three-side observation



FTK-GX004

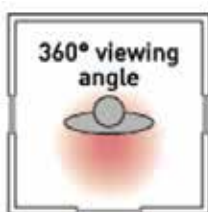


FTK-GX005



FTK-GX006

### 360° 3D full-view observation



FTK-GX007



FTK-GX008



FTK-GX009



## ESCALATOR & MOVING WALK

FALCON escalator products are produced according to the current international standard and Chinese standard. It fully applies the novel materials and advanced technology both at home and abroad to design and manufacture the lifts. It has the features such as smooth running, low noise, fine durability, convenient for repair, fine and exquisite structure, consummate lift-way, remarkable, attractive outline model, magnificent design style with gentle modern flavor. A safe, cozy and beautiful escalator can let you enjoy the pleasant and comfortable moment every day.

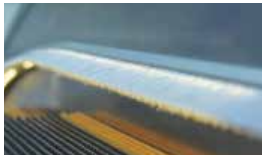




# ESCALATOR & MOVING WALK

## OUTSTANDING TECHNOLOGY

### Standard functions



#### Skirt panel brush

The skirt board brushes, mounted on both sides of the skirt boards and located above the steps, can not only avoid the passengers, shoes to collide on the skirt boards but also effectively avoid the entry of foreign objects into the steps.



#### Handrail inlet

The escalator is richly endowed with the intelligence and popularity by the novel, distinctive, elegant, tensile and modernized streamline handrail inlet and outlet design model. It appears to be more beautiful in the outlet appearance. It displays the nobleness and imposing manner of the conveying constructions.



#### Automatic oiling

PLC control automatic and lubricating system fulfills the idea automatic lubrication to the transmission chain during the running process of the escalator. It not only reduces the daily repair and maintenance work load, but also prolongs the service life of the driving mechanism.



#### Side guide high accuracy step guide rail system

High rigidity big profile guide rail with nose used as transverse step positioning, guarantee the minimum gap between the skirt and step, decrease the possibility of objects clamp in between.



#### Driver protection strand breaks

When the drive chain excessive tensile fracture, the escalator stops automatically to protect the passenger safety.



#### Fault display

When some defect takes place, the trouble code will be displayed in the screen. It ensures the effective and accurate trouble position within the shortest time possible. In this way, it greatly enhances the repair and maintenance efficiency.

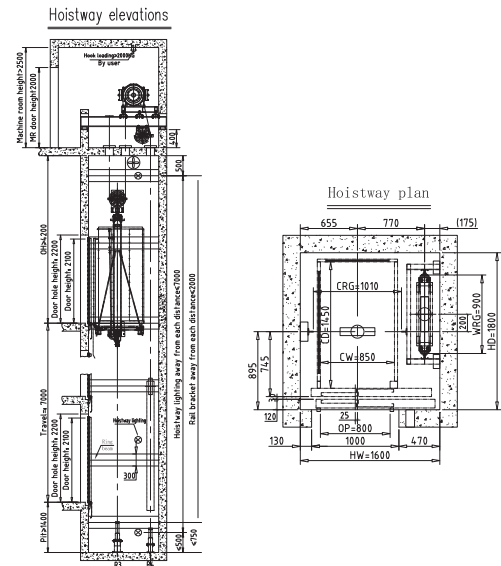


#### Handrail speed

When handrail running speed and running speed ratio exceeds control system settings, escalators stop running.

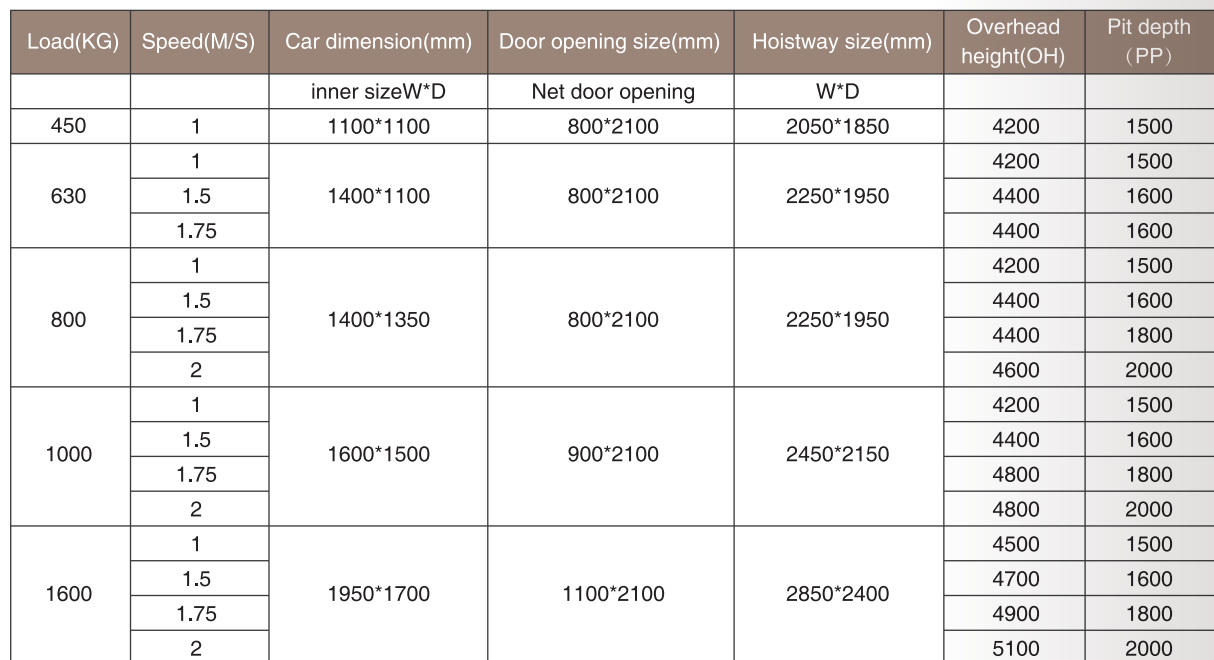


# MACHINE ROOM ELEVATOR CONSTRUCTION LAYOUT DRAWING



Load(KG)	Speed(M/S)	Car dimension(mm)	Door opening size(mm)	Hoistway size(mm)	Overhead height(OH)	Pit depth (PP)
		inner sizeW*D	Net door opening	W*D		
450	1	1400*850	800*2100	2000*1500	4000	1500
	1.5/1.75			2000*1720	4400	1500
630	1	1400*1100	800*2100	2000*1750	4000	1400
	1.5				4100	1500
	1.75				4200	1500
	2				4400	1600
800	1	1400*1350	800*2100	2000*1970	4200	1500
	1.5				4400	1500
	1.75				4500	1500
	2				4500	1600
1000	1	1600*1500	900*2100	2200*2120	4200	1500
	1.5				4400	1500
	1.75				4500	1500
	2				4500	1600
1250	1	1800*1550	1100*2100	2500*2150	4200	1500
	1.5				4400	1500
	1.75				4500	1500
	2				4500	1600
1350	1	1900*1600	1100*2100	2800*2100	4400	1500
	1.5				4400	1500
	1.75				4500	1500
	2				4500	1700
1600	1	1950*1700	1100*2100	2850*2200	4400	1500
	1.5				4400	1500
	1.75				4500	1500
	2				4500	1700





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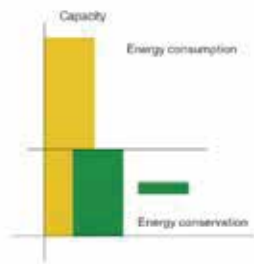
Note:300KG dumbwaiters are required shaft without machine room,don't be equipped with self-supporting structure.



# ESCALATOR & MOVING WALK

## OUTSTANDING TECHNOLOGY

### Optional functions



#### Energy saving operation modes

It can adopt variable frequency control or the automatic starting mode to fulfill the energy saving.



#### Comb lighting

Lighting is installed near the apron panel beside the comb plate, to provide lighting for the step and the comb plate to facilitate passengers' safe ride.



#### Skirt-board lighting

Two sides LED lighting lamp, with the clear effect on the evening of step running.



#### Running direction indication

The running direction and forbidden display mark have been placed in the inlet and outlet of the handrail. The obvious running or forbidden instruction ensures the safe riding of the passengers with great ease.



#### Voice HMI system

When installed in the entrance for passengers, the voice reacts promptly.



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FALCON ELEVATORS Cont.

*Your Safety..... Our Motto.....*



# PROTECT YOUR ASSETS

CALL US FOR FREE  
ELEVATOR INSPECTION AT

**058 2874620**

OUR EXPERTS WILL HELP ENSURE  
YOUR ELEVATORS, MOBILITY ASSETS RUN  
SMOOTH AND ALWAYS AT PEAK PERFORMANCE



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