

An aerial night view of a city skyline, likely New York City, with numerous skyscrapers illuminated. A prominent trail of fire or smoke cuts through the city, starting from the bottom right and moving towards the top left. The text 'Dumbwaiter' is overlaid in the center.

Dumbwaiter

Safety comes from quality, and excellence
begins with focus.

FUJI ELEVATORS

Product

Dumbwaiter has the advantages of being small and powerful. The specially adopted microcomputer control system has enhanced the technical guarantee for the safe operation of the Alliance Miscellaneous Elevator. The load-bearing range of 50kg-300kg is widely used for the up and down transportation of various types of miscellaneous items; the dual options of window sill type and floor-standing type meet the convenience requirements of goods in and out of different occasions.

The Miscellaneous Elevator Series provides fast, convenient and economical vertical transportation for small freight elevators in various buildings. It greatly saves time and human resources and highlights the beautiful environment. It is widely used in hotels, restaurants, residences, banks, office buildings, hospitals, shopping malls, factories, libraries, laboratories, and postal and telecommunications departments to deliver items such as food, tableware, daily necessities, coins, documents, medicines, sundries, books, instruments, letters, etc.



Door Opening Type

Windowsill type



The windowsill type dumbwaiter cabin is usually about 700mm above the ground, which is more convenient for manual loading and unloading of goods.

Floor-standing type



The dumbwaiter cabin is usually flush with the ground and is suitable for transporting goods with trolleys.

Door Opening Type

Up-Down type



Swing door type



Single up type



A variety of door opening types can be customized to meet different building needs

Integrated intelligent control system

单速控制柜

Single speed control cabinet



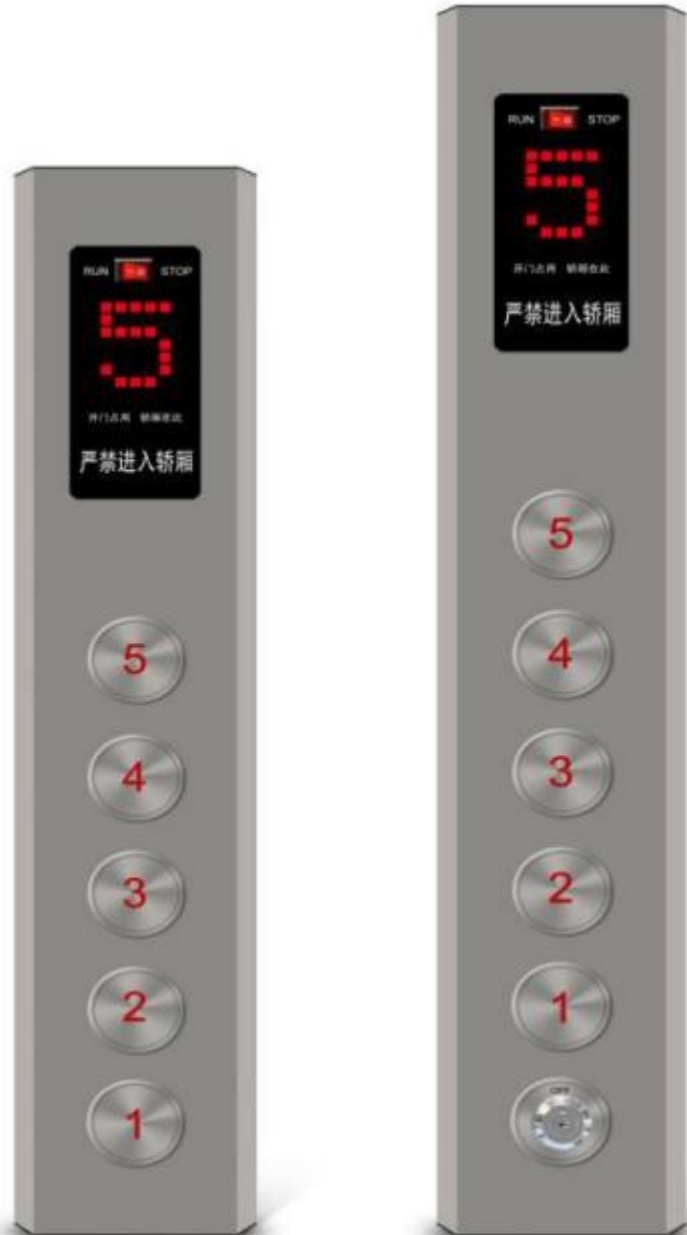
变频控制柜

Frequency conversion control cabinet



Global Fuji Elevators' unique dumbwaiter integrated intelligent utility elevator control cabinet uses plug-ins for all hoistway cables. The modular design is easy to install and maintain, and the optional frequency conversion function ensures smooth operation of the dumbwaiter.

Hall call system-LOP



The dumbwaiter landing door elevator calling system has the following functions:

1. The function of selecting the elevator by the button outside the hall to call the destination floor. (The touch button has the advantages of anti-fouling, oil-proof and waterproof)
2. Emergency stop button.
3. Floor display outside the hall.
4. Locking elevator function.
5. Door occupancy reminder (door occupancy can be prompted on the display board)
6. The car prompts here.
7. The buzzer prompts when arriving at the station.

Optional functions:

1. External call IC card swiping function. (After this function, only swiping the card can call the elevator).
2. External call intercom function. (Intercom dialogue between floors can be realized)

Standard Specification				
序号 No.		名称 Name	品牌 Brand	品牌地 Origin
Control	1	Inverter	China brand	Zhejiang/浙江
	2	Switch	Schneider	Suzhou/苏州
Traction machine	3	Traction machine	China brand	Changshu/常熟
	4	Other device	China brand	Yangzhou/扬州
Door system	5	Door guide rail	China brand	Yangzhou/扬州
	6	Electric interlocking	China brand	Ningjin/宁津
Contactor	7	Running contactor	Schneider	Zhejiang/浙江
	8	Brake contactor	Schneider	Zhejiang/浙江
Relay	9	Safety circuit contactor	China brand	Zhejiang/浙江
	10	Door lock circuit contactor	China brand	Zhejiang/浙江
The circuit breaker	11	Lighting power circuit breaker	China brand	Zhejiang/浙江
	12	Control circuit breaker	China brand	Zhejiang/浙江
Safety parts	13	Limit switch	China brand	Zhejiang/浙江
	14	Level switch	China brand	Ningbo/宁波
	15	Buffer	China brand	Wuxi/无锡
Call system	16	LOP	China brand	Yangzhou/扬州
	17	LOP display board	China brand	Yangzhou/扬州
	18	Operation panel	China brand	Yangzhou/扬州
	19	LOP button	China brand	Yangzhou/扬州
Other parts	20	T50guide rail	China brand	Yangzhou/扬州
	21	Cable	China brand	Wuxi/无锡
	22	Steel rope	China brand	Nantong/南通

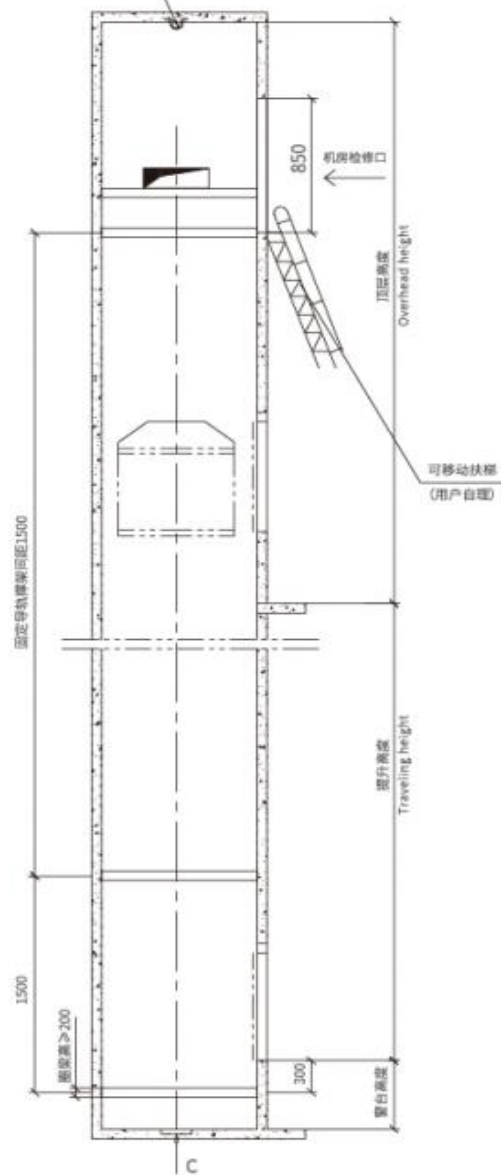
Standard Function	
Function Name	Specification
Cabin arrival gong	An electronic bell on an outgoing call informs the user of the arrival of the elevator.
Safety circuit protection	If the safety circuit is disconnected or the safety circuit contactor is adhered, the elevator shall stop immediately.
Door interlock protection	All doors closed, the elevator can run, or door lock contactor adhesion, the elevator immediately stop.
Main contactor protection	The system detects whether the main contactor action is reliable at any time, and stops running immediately if any abnormality is found.
Lock the elevator	After the electric lock is turned off, the elevator enters the stop state, and the elevator no longer responds to any outgoing call.
Car and floor micro-movement command button	The command button of the control box in the car and the change button of the floor station adopt the new type of micro button, which is convenient and quick.
Running status display	The outer call panel can display the information of elevator running direction, floor, opening and closing, etc
Maintenance operations	When entering the maintenance state, the car will run at the maintenance speed.
Fault self-diagnosis	The controller can record and display the latest faults, so as to quickly eliminate and resume the operation of the elevator.
Upper and lower layers and upper and lower limit protection	Effectively prevent the elevator in case of out of control when the top or bottom of the phenomenon, so that the elevator more safe and reliable.
Maintenance of lighting	Equipped with machine room, pit maintenance lighting.
Emergency operation	When the emergency electric running state is entered in the machine room, the car will start running at the maintenance speed.
Emergency unlock device	Both ends of the station has a mechanical door lock, which can be opened by a triangular-lock key.

Construction Parameters

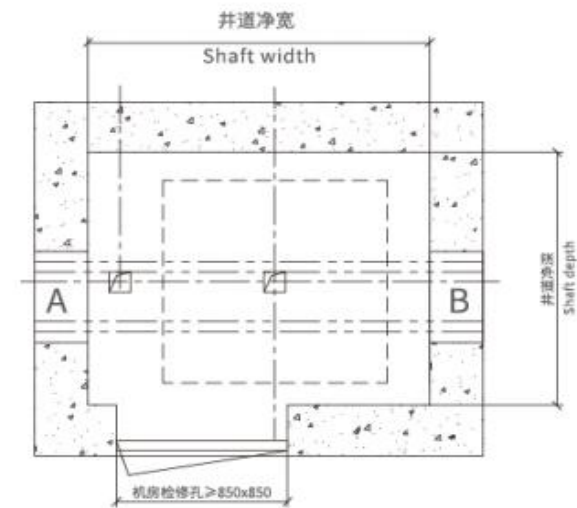


井道立面图
Shaft vertical section

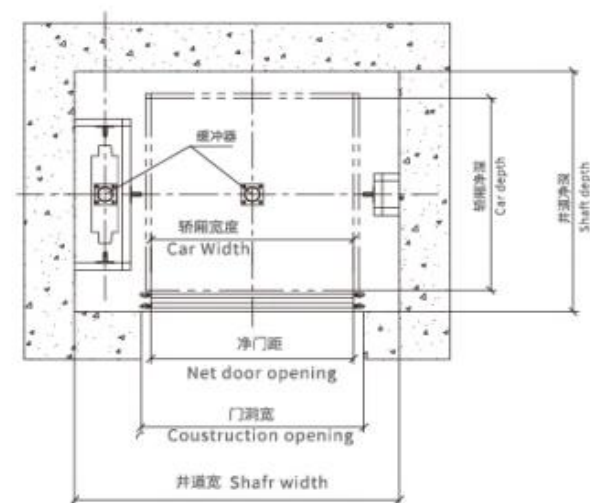
吊钩 (用户自理)
承受载荷1000kg



机房平面布置图
Machine room plan layout



井道平面布置图
Shaft plan layout



Construction Parameters

电梯型号 Elevator model	载重 Load (kg)	速度 Speed (m/s)	轿厢尺寸 Car size (mm)	井道尺寸 Shaft size (mm)	开门方式及尺寸 Door Opening Size (mm)	底坑深度 Pit depth (mm)	顶层高度 Over Head (mm)
UN-DS (落地) Floor-standing type	100	0.4	800*800*800	1350*1050	手动上下直分 800*800	800	3500
	200	0.4	1000*1000*1000	1550*1250	手动上下直分 1000*1000	800	3500
	300	0.4	1000*1000*1200	1550*1250	手动上下直分 1000*1200	1000	3500
UN-DS (窗台) Windowsill type	100	0.4	800*800*800	1350*1050	手动上下直分 800*800		4000
	200	0.4	1000*1000*1000	1550*1250	手动上下直分 1000*1000		4000
	300	0.4	1000*1000*1200	1550*1250	手动上下直分 1000*1200		4000

注: 以上尺寸仅供设计参考, 具体尺寸以合同签约时提供的土建图为准。

Note: Only for reference, final manufacture please follow contract.