

04

VERTIZ DUMBWAITER & SERVICE LIFT





BASIC FUNCTION

⚙️ Floor display

Numerical display of landing floor

⚙️ Open or closed state display of the floor

Open the door when the dumbwaiter is landing, light display should notice the door is opened

⚙️ Landing notice buzzer

Buzzer will ring when the cabin reaches the appointed floor

⚙️ Key switch

Main landing is equipped with key switch board to start or shut the control circuit

⚙️ Calling response

Press the call button, the number of the floor called will be lighted and keep shining until the car landing

⚙️ Running direction display

Running direction is displayed by shining arrow

⚙️ Overtime running protection

When the dumbwaiter running time exceeds the normal time 10s, the traction machine circuit will be cut off, the dumbwaiter is stopped to prevent the motor from damaging

⚙️ Contactor conglutination or locked protection

When the contactor can't activate or release normally, the dumbwaiter can't be started again to ensure safety

⚙️ Trouble self diagnosis

When the dumbwaiter has something wrong, the display board will display the possible trouble with special signal

⚙️ Emergency stop switch

It can cut off the control circuit to let the dumbwaiter stop when there are some emergencies

⚙️ Wrong or short phase protection

If the 3 phases power supply has wrong or short phase, it can prevent the motor from damaging

⚙️ Upper and lower location limit and final limit switch protection

To prevent the dumbwaiter is out of control or has some emergencies effectively

⚙️ Motor overcurrent protection

Cut off the main circuit when the current exceeds the normal state

⚙️ Inspection operation

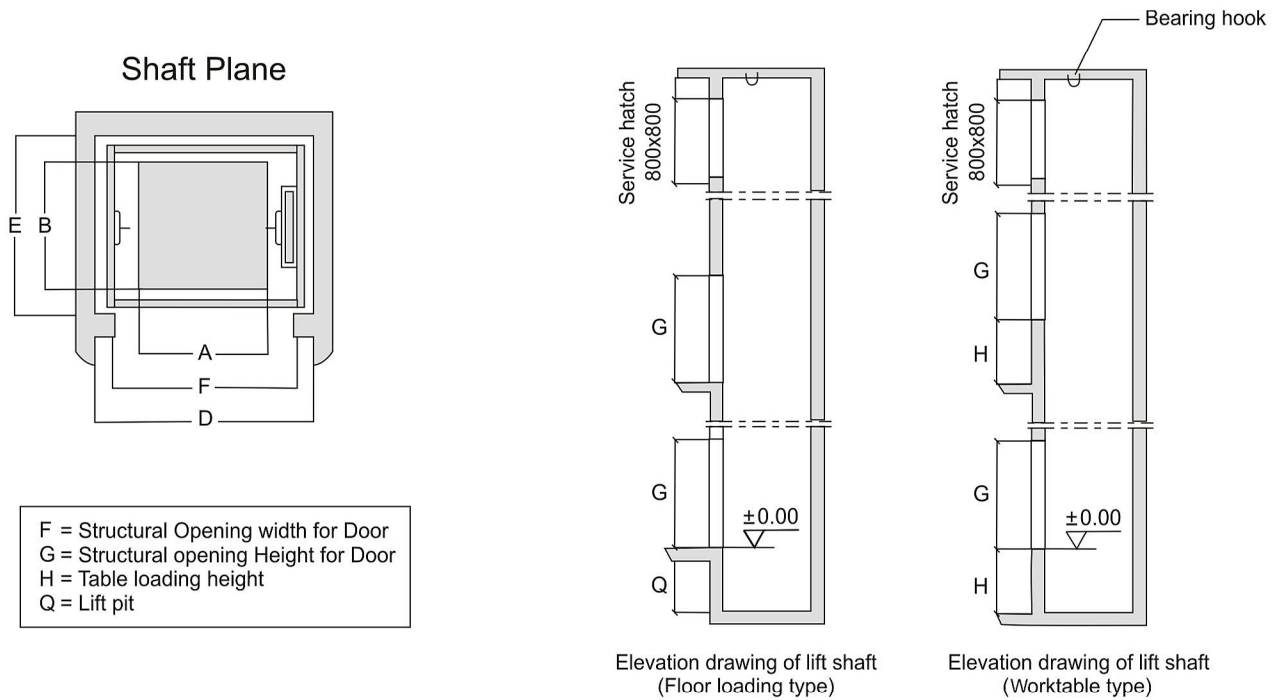
When the dumbwaiter is at inspection state, you may inching operate it by upper or lower button

⚙️ Emergency stop circuit inspection

To reflect the emergency circuit state



DUMBWAITER SHAFT ELEVATION



Parameter table

Sequence number	Load carrying ability (kg)	Traction machine's power (kw)	Type	Dimension of elevator car			Dimension of well path (side counterweight)		Dimension of well path (post counterweight)		Top height Depth of ground pit	Depth of ground pit	Reserved dimension of entrance		
				A (Width)	B (Depth)	C (Height)	D (Width)	E (Height)	D (Width)	E (Height)					
1	100	1.1	Worktable	600	600	800	1200	900	1050	1050	≥3000	—	750	1050	600
2	100	1.1	Worktable	600	700	800	1200	1000	1050	1150	≥3000	—	750	1050	600
3	100	1.1	Worktable	700	700	800	1300	1000	1150	1150	≥3000	—	850	1050	600
4	100	1.1	Worktable	700	800	800	1300	1100	1150	1250	≥3000	—	850	1050	600
5	200	1.5	Worktable	700	700	800	1300	1000	1150	1150	≥3000	—	850	1050	600
6	200	1.5	Worktable	800	800	900	1400	1100	1250	1250	≥3000	—	950	1150	600
7	200	1.5	Worktable	800	900	1000	1400	1200	1250	1350	≥2800	—	950	1250	600
8	200	1.5	Floor loading	900	900	1000	1500	1200	1350	1350	≥2800	800	1050	1250	
9	200	1.5	Floor loading	700	1050	1170	1300	1400	1150	1500	≥3200	800	850	1420	
10	250	2.2	Floor loading	900	1000	1170	1500	1350	1350	1500	≥3200	800	1050	1420	
11	300	2.2	Floor loading	1000	1000	1170	1650	1350	1500	1500	≥3200	800	1150	1420	
12	300	2.2	Floor loading	1000	1100	1170	1650	1400	1500	1650	≥3200	800	1150	1420	
13	500	4.5	Floor loading	1000	1000	1400	1650	1350	1500	1500	≥3600	1000	1150	1650	
14	500	4.5	Floor loading	1000	1250	1400	1650	1600	1500	1700	≥3800	1000	1150	1650	



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