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Manual Of Civil Drawings

NEW XI'AO ELEVATOR GROUP

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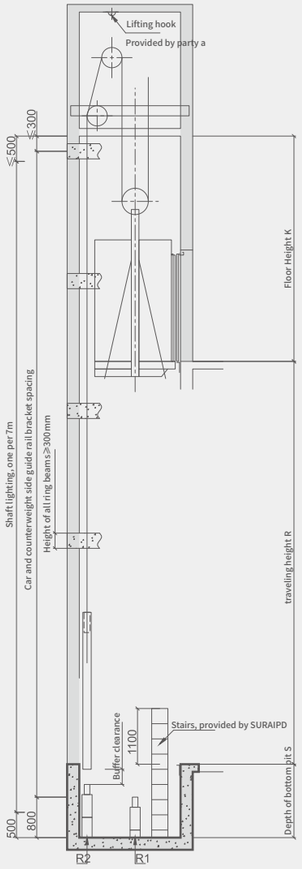
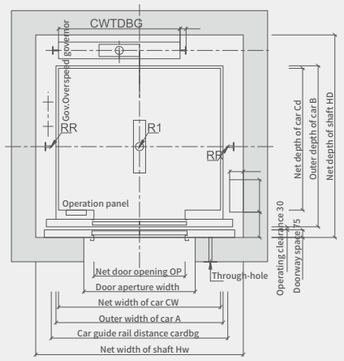
Directory

Chuancheng Series, Machine-room Passenger Elevators Civil Drawing A

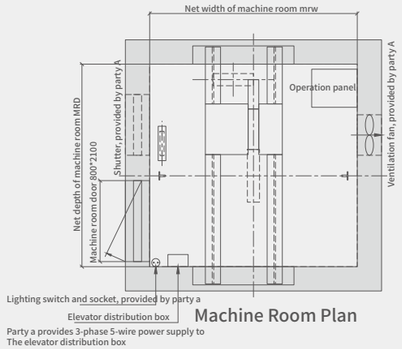
Suitable For 680~1050kg 1.0~2.5m/s
1150~1600kg 1.0~1.75m/s



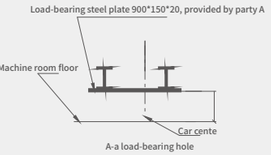
Shaft Rendering

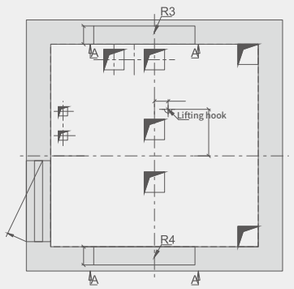


Shaft Plan

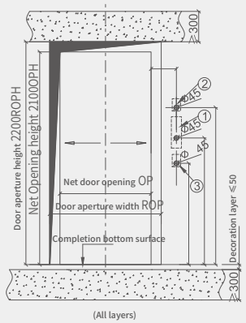


Machine Room Plan





Machine Room Hole Diagram

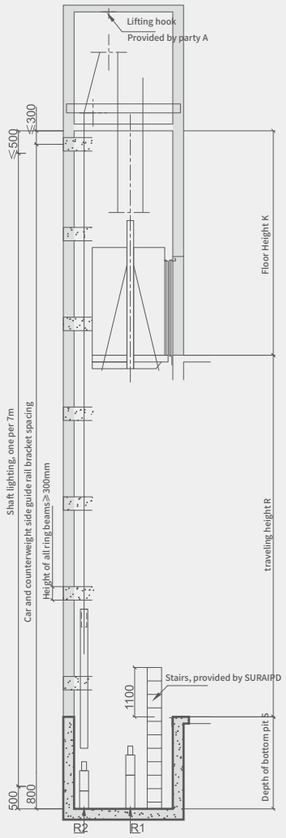


1:Button And Display
2:Fire Switch (In Case Of Fire Function), Only Reserved For The Base Station,
The Rest Of The Layer Without This Hole
3: Main floor box ,for main floor only
4:Recommend To Use The Inner Diameter Ø45mm Pvc Pipe Reserved For Call Wiring Hole)

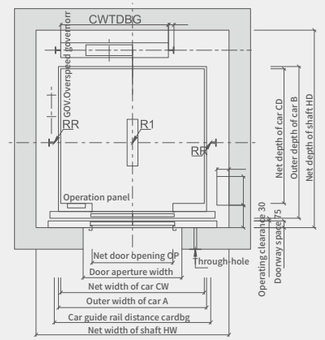
Hall Door Diagram

Chuancheng Series, Machine-room Passenger Elevators Civil Drawing B

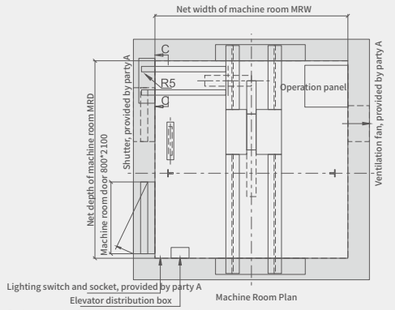
Suitable For 1150~1600kg 2.0~2.5m/s



Shaft Rendering

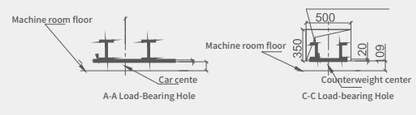


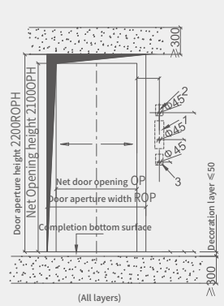
Shaft Plan



Machine Room Plan

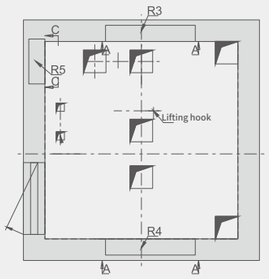
Load-bearing steel plate 900*150*20, provided by party A





1:Button And Display
2:Fire Switch (In Case Of Fire Function), Only Reserved For The Base Station,
The Rest Of The Layer Without This Hole
3:Main floor box ,for main floor only
4:Recommend To Use The Inner Diameter Ø45mm Pvc Pipe Reserved For Call Wiring Hole)

Hall Door Diagram



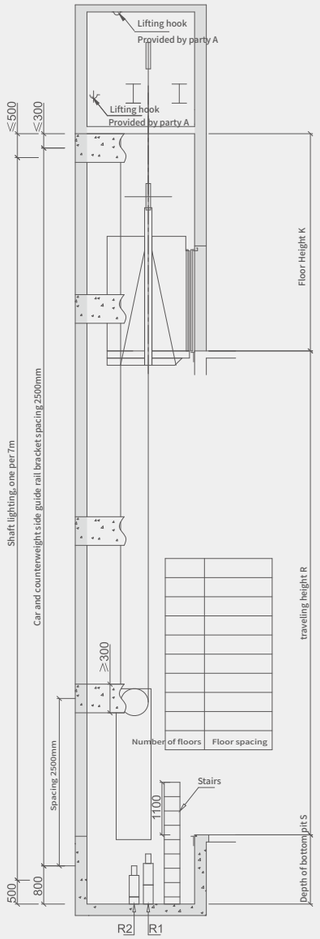
Machine Room Hole Diagram

Elevator Civil Technical Conditions

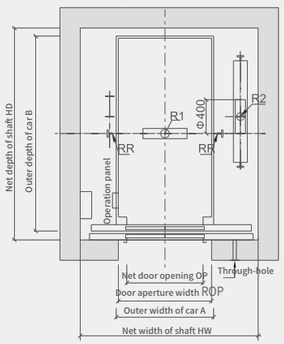
- All the shaft buildings must meet the fire prevention requirements, and no equipment, power supply and other irrelevant holes should be installed in the shaft.
- When there is a pit bottom space reachable by personnel, the counterweight buffer can be installed on solid pile piers extending all the way to the solid ground, or ask the elevator manufacturer to install the counterweight safety gear.
- Before elevator installation, all floor door apertures must have a safety protection enclosure with a height of not less than 1.2 m, and should ensure that they need to be able to withstand the forces shown.
- Enclosed shaft is equipped with ventilation holes upon need (generally in the shaft neck and bottom), and its area shall not be less than 1% of the horizontal area of the shaft, and the ventilation holes shall be equipped with protective screen. Elevator hall door, elevator call display reserved holes and other reserved holes need to be backfilled and decorated when elevator installation is completed.
- When the sill distance between two adjacent floor doors exceeds 11m, a safety door shall be set without opening toward the shaft. The safety door size shall not be less than 350mm wide and 1800mm high. The safety door shall be equipped
- with a key to open the lock. When the door opens, it can be closed and locked without the key. Even in the case of locking, it should be able to open from inside the shaft without the key.
- The bottom pit should be watertight. The trapped water pit, if any, should be located at the wall corner.
- According to the technical parameters table, the power supply should be connected to the machine room with a protected switch and lock. The power supply should not fluctuate by more than 7%. The power supply neutral wire and grounding wire should be separated and the grounding resistance value should not be greater than 4.
- All loads indicated in the drawings, unless otherwise specified, include impact corrections, and the strength of the wall and pit must be able to withstand the forces shown.
- The user is responsible for the pre-burial steel plates, etc. Indicated in the drawings, which need to be set in advance.
- The temperature in the machine room should be maintained at 5-40°C. The machine room should be level and must be able to withstand the uniform live load of not less than 7.0kn per square meter of the standard value of the floor. When the machine room floor height varies and the difference is more than 500mm, stairs or steps and guardrails should be provided.
- For other requirements, please refer to the building and wiring requirements.

Chuancheng Series, Machine-room Passenger Elevators Civil Drawing C

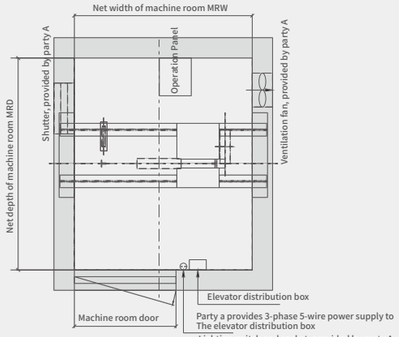
1000kg 1.75m/s deep car



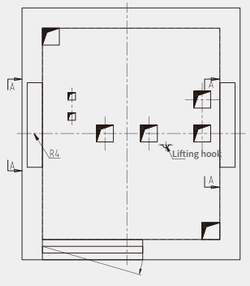
Shaft Rendering



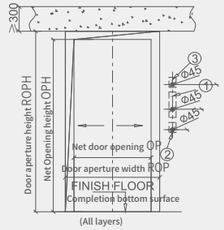
Shaft Plan



Machine Room Plan



Machine Room Hole Diagram



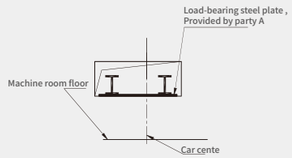
1:Button And Display

2:Main floor box ,for main floor only

3:Fire Switch (In Case Of Fire Function), Only Reserved For The Base Station, The Rest Of The Layer Without This Hole

4:Recommend To Use The Inner Diameter O45mm Pvc Pipe Reserved For Call Wiring Hole)

Hall Door Diagram



A-A Load-Bearing Hole

This drawing is for design reference data, and the formal contract drawing shall prevail

Technical Parameters

Load	Speed	Minimum floor spacing	Net size of shaft	Net size of car	Net size of door opening	Main motor power	Rated current	Maximum current	Power supply	Lighting and signal power supply
1000kg	1.75 m/s	2700 mm	2150X2400	1200X2000	900X2100	11.7KW	26A	52A	380V three-phase fire-wire 50HZ	220V 50HZ

Dimension of succession machine room and guest elevator

Rated load	Plate speed	Net size of car		Net door opening		Net size of shaft		Standard bottom pit depth	Extreme bottom pit depth※	Standard floor height	Extreme floor height※	Maximum traveling height	Maximum floors	Guide rail support reaction force (KN)	Pit support reaction force (KN)		Machine room bearing force (KN)			Lifting hook (KN)
(Kg)	m/s	Wide(mm)×depth(mm)		WideOP(mm)×depthOPH(mm)		Wide(mm)×depth(mm)		S (mm)	S (mm)	k (mm)	k (mm)	m	Layer	RR	R1	R2	R3	R4	R5	(KN)
630	1	1300×1250		800×2100		1850×1950		1500	1350	4500	3950	50	16	22	68	56	40	37	8.7	2000
	1.5	1300×1250		800×2100		1850×1950		1600	1450	4600	4100	75	32	22	68	56	40	37	8.7	2000
	1.75	1300×1250		800×2100		1850×1950		1700	1500	4700	4150	95	32	22	68	56	40	37	8.7	2000
680	1	1350×1250		800×2100		1850×1950		1500	1350	4500	3950	50	16	24	76	64	55	32	-	2000
	1.5	1350×1250		800×2100		1850×1950		1600	1450	4600	4100	75	32	24	76	64	55	32	-	2000
	1.75	1350×1250		800×2100		1850×1950		1700	1500	4700	4150	95	32	24	76	64	55	32	-	2000
800	1	1400×1350		800×2100		1950×2000		1500	1350	4500	3950	50	16	26	84	68	61	34	-	2000
	1.5	1400×1350		800×2100		1950×2000		1600	1450	4600	4100	75	32	26	84	68	61	34	-	2000
	1.75	1400×1350		800×2100		1950×2000		1700	1500	4700	4150	95	32	26	84	68	61	34	-	2000
	2	1400×1350		800×2100		1950×2050		2000	1650	5000	4600	105	55	33.5	84	68	61	34	-	2000
	2.5	1400×1350		800×2100		1950×2100		2200	1800	5200	4800	125	55	33.5	84	68	61	34	-	2000
1000	1	1600×1500		900×2100		2150×2150		1500	1350	4500	3950	50	16	30	100	80	74	38	-	2000
	1.5	1600×1500		900×2100		2150×2150		1600	1450	4600	4100	75	32	30	100	80	74	38	-	2000
	1.75	1600×1500		900×2100		2150×2150		1700	1500	4700	4150	95	32	30	100	80	74	38	-	2000
	2	1600×1500		900×2100		2150×2200		2000	1650	5000	4600	105	55	3	100	80	74	38	-	2000
	2.5	1600×1500		900×2100		2150×2250		2200	1800	5200	4800	125	55	37.5	100	80	74	52	-	2000
1050	1	1600×1500		900×2100		2150×2150		1500	1350	4550	3950	50	16	37.5	100	80	74	38	-	2000
	1.5	1600×1500		900×2100		2150×2150		1600	1450	4750	4100	75	32	37.5	100	80	74	38	-	2000
	1.75	1600×1500		900×2100		2150×2150		1700	1500	4850	4150	95	32	37.5	100	80	74	38	-	2000
	2	1600×1500		900×2100		2150×2200		2000	1650	5050	4600	105	55	37.5	100	80	74	52	-	2000
	2.5	1600×1500		900×2100		2150×2250		2200	1800	5250	4800	125	55	37.5	100	80	74	52	-	2000
1150	1	2000×1350		1100×2100		2550×2100		1550	1350	4550	4250	50	16	45.5	132	108	77	73	-	2000
	1.5	2000×1350		1100×2100		2550×2100		1650	1400	4750	4400	75	32	45.5	132	108	77	73	-	2000
	1.75	2000×1350		1100×2100		2550×2100		1750	1450	4850	4450	95	32	45.5	132	108	77	73	-	2000
	2	2000×1350		1100×2100		2600×2100		2050	1650	5050	4600	105	55	45.5	132	108	77	73	16.8	2000
	2.5	2000×1350		1100×2100		2600×2100		2250	1800	5250	4800	125	55	45.5	132	108	77	73	16.8	2000
1350	1	2000×1550		1100×2100		2600×2300		1650	1400	4750	4400	75	32	47.5	140	112	81	76	-	2000
	1.5	2000×1550		1100×2100		2600×2300		1750	1450	4850	4450	95	32	47.5	140	112	81	76	-	2000
	1.75	2000×1550		1100×2100		2600×2300		2050	1650	5050	4600	105	55	47.5	140	112	81	76	17.5	2000
	2	2000×1550		1100×2100		2600×2300		2250	1800	5250	4800	125	55	47.5	140	112	81	76	17.5	2000
	2.5	2000×1550		1100×2100		2600×2300		2250	1800	5250	4800	125	55	47.5	140	112	81	76	17.5	2000
1600	1	2000×1750		1100×2100		2600×2450		1650	1400	4750	4400	75	32	51.5	156	124	91	84	-	2000
	1.5	2000×1750		1100×2100		2600×2450		1750	1450	4850	4450	95	32	51.5	156	124	91	84	-	2000
	1.75	2000×1750		1100×2100		2600×2450		2050	1650	5050	4600	105	55	51.5	156	124	91	84	19.3	2000
	2	2000×1750		1100×2100		2600×2450		2250	1800	5250	4800	125	55	51.5	156	124	91	84	19 3	2000
	2 5	2000×1750		1100×2100		2600×2450								2000						

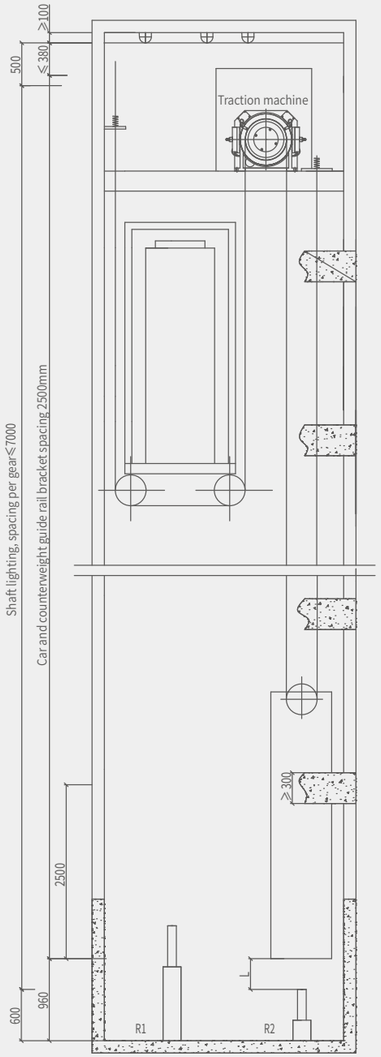
Note: The net size of shaft is the actual minimum size of the shaft, and the shaft must be vertical and vertical error is 0~+25mm/0~30m0+30mm/30m60m0+50mm/60m or more.

※ : When using the extreme size, the shaft verticality must be considered.

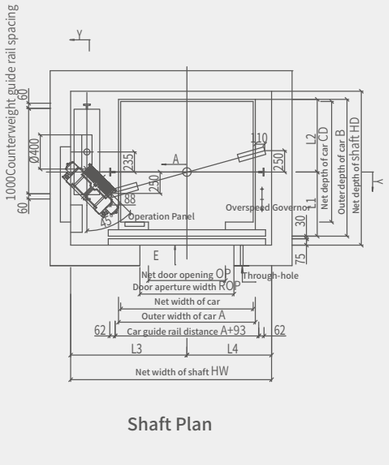
Note: The above parameters are for reference only, and the final sizes are subject to the confirmed civil drawings.

Jierui Series, Machine-room-less and Guest Elevator C Series Civil Drawing

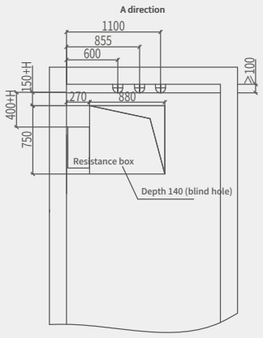
630~1000kg 1.0~1.75m/s

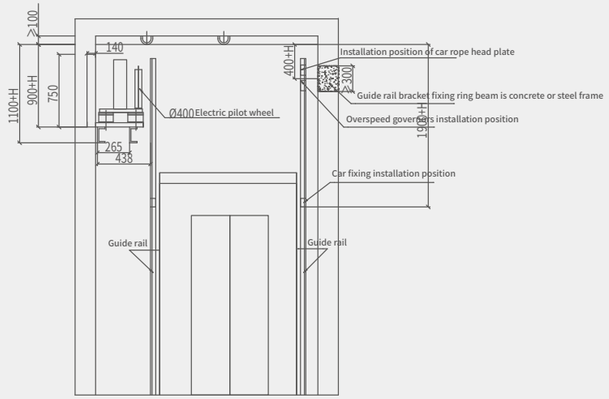


Shaft Elevation Y-Y Unfolding Diagram



Shaft Plan



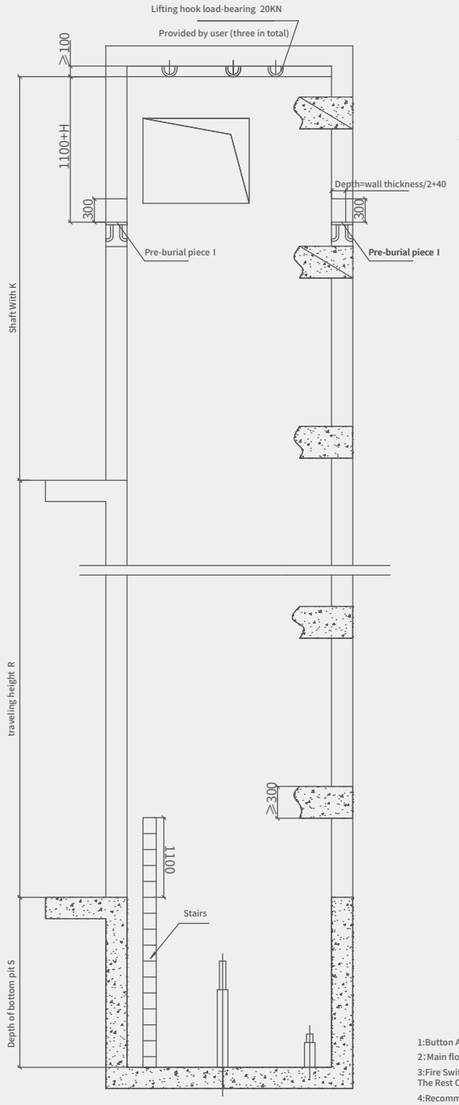


E Direction Profile

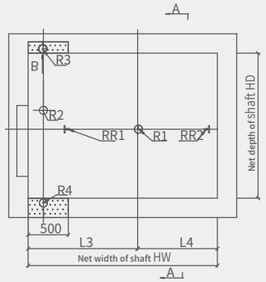
Note: This diagram is not to scale

Type C: Applicable to the shaft with short headroom

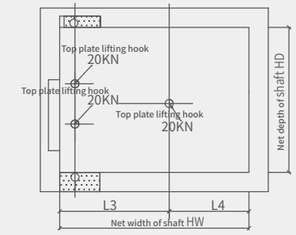
A-A



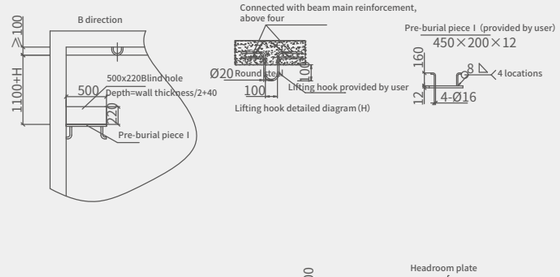
A-A View

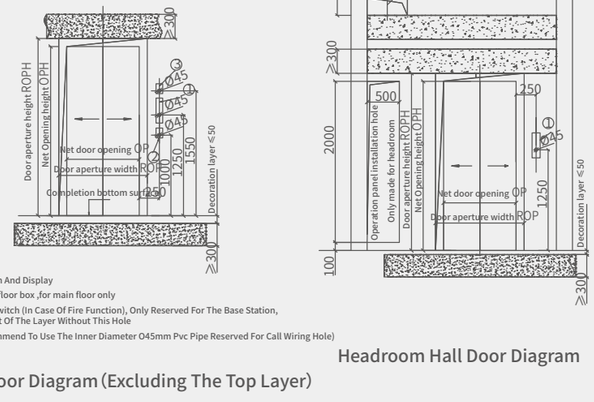


Shaft Plan



Shaft Plan Lifting Hook Diagram
(Lifting Hook Provided By User)





1:Button And Display
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4:Recommend To Use The Inner Diameter O45mm Pvc Pipe Reserved For Call Wiring Hole)

Hall Door Diagram (Excluding The Top Layer)

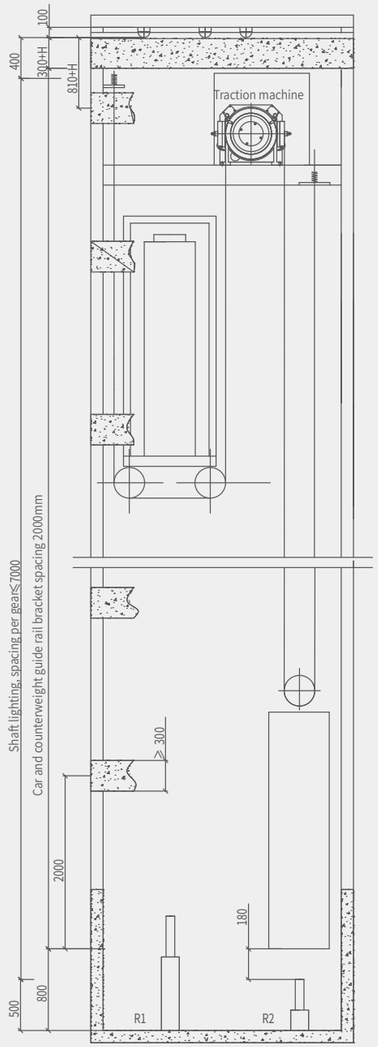
Headroom Hall Door Diagram

Note: This diagram is not to scale

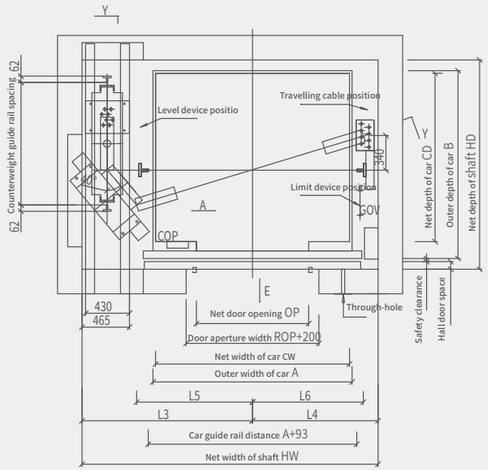
Type C: Applicable to the shaft with short headroom

Jierui Series, Machine-room-less and Guest Elevator C Series Civil Drawing

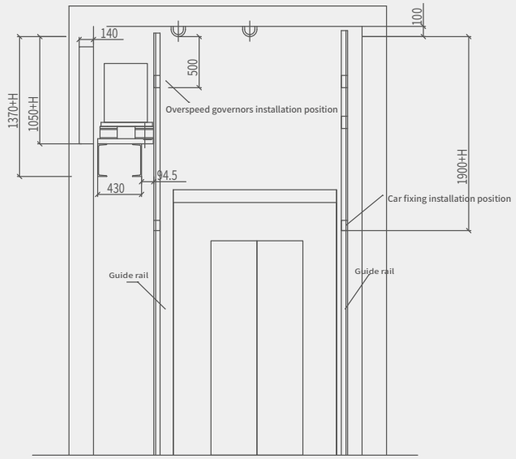
1150~1600kg 1.0~1.75m/s



Shaft Elevation Y-Y Unfolding Diagram



Shaft Plan

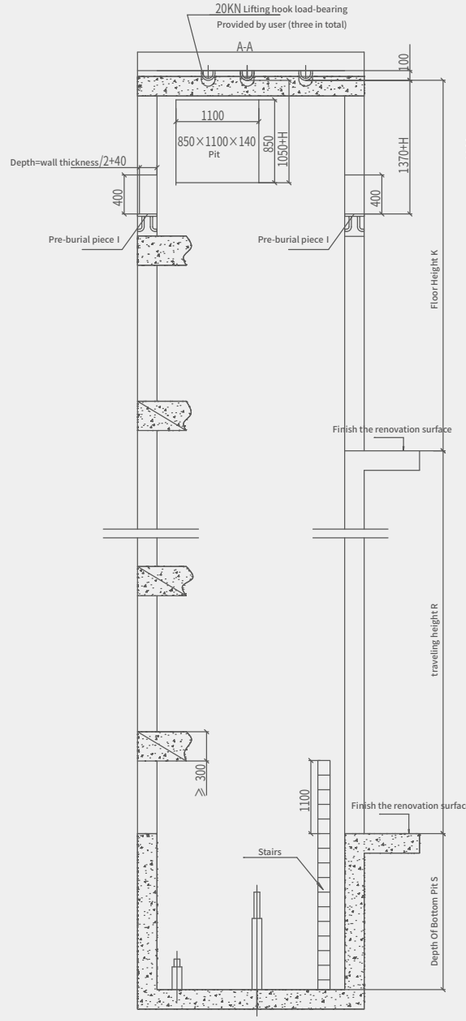


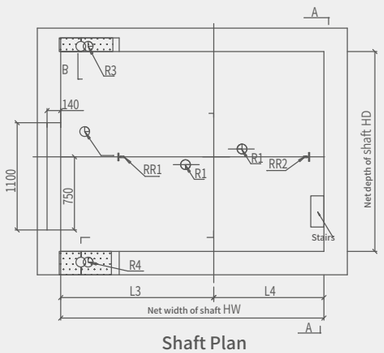
E Direction Profile

Note: This diagram is not to scale

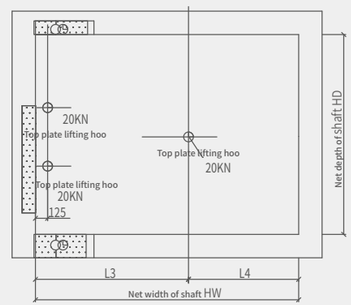
Description:①For civil parameters with load greater than 1,600kg and speed greater than 175m/s, please consult the pre-sales technical support department

Type C: Applicable to the shaft with short headroom

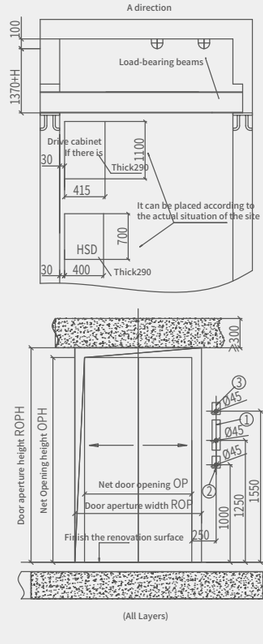




Shaft Plan

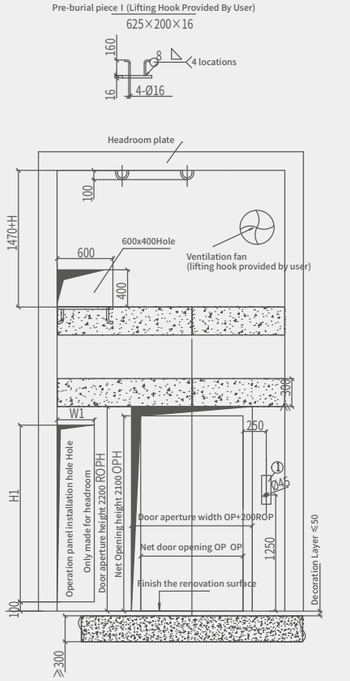


Shaft Plan Lifting Hook Diagram
(Lifting Hook Provided By User)



1:Button And Display
2:Main floor box ,for main floor only
3:Fire Switch (In Case Of Fire Function), Only Reserved For The Base Station,
The Rest Of The Layer Without This Hole
4:Recommend To Use The Inner Diameter O45mm Pvc Pipe Reserved For Call Wiring Hole)

Hall Door Diagram



Headroom Hall Door Diagram

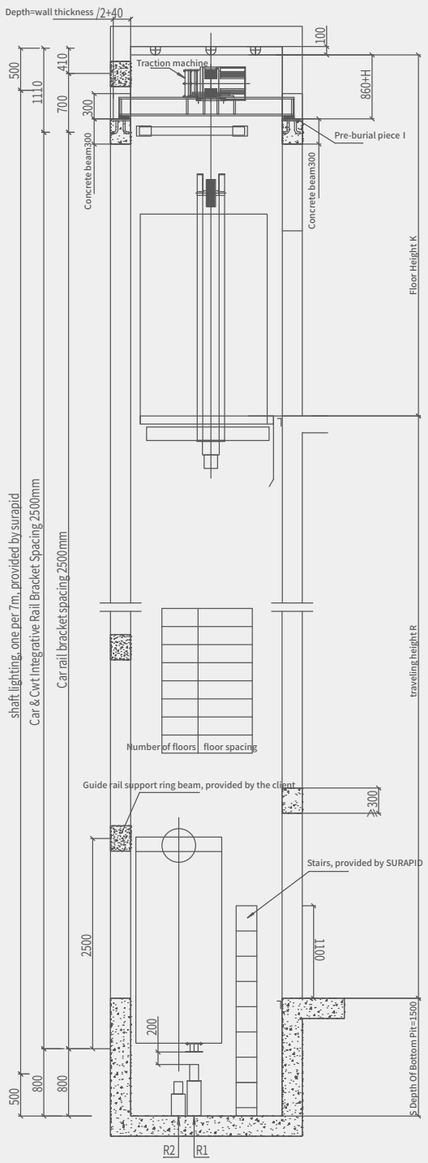
Speed	1.0	1.5&1.75
W1	420	400
H1	1950	1520

Note: This diagram is not to scale

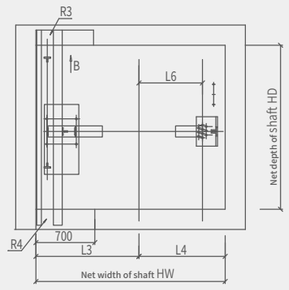
Type C: Applicable to the shaft with short headroom

Jierui Series, Machine-room-less and Guest Elevator II Series Civil Drawing

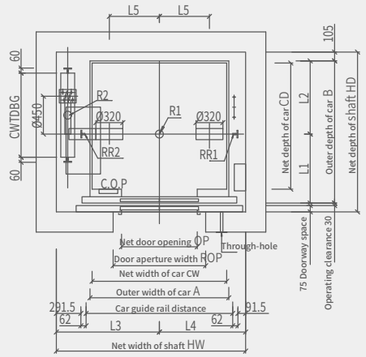
630~1000kg 1.0~1.75m/s



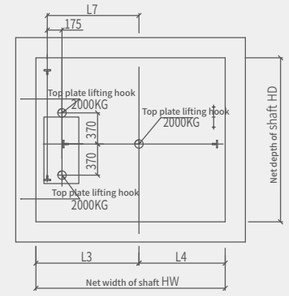
Shaft Rendering



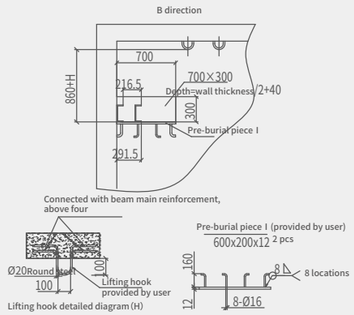
Top Shaft Plan

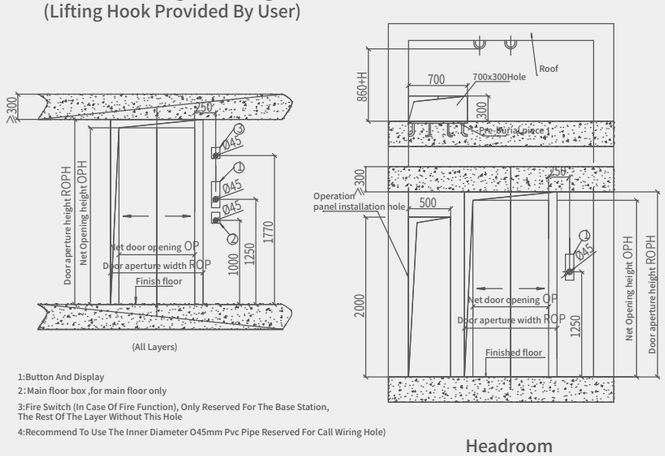


Shaft Plan



Shaft Plan Lifting Hook Diagram (Lifting Hook Provided By User)





Headroom

Note: This diagram is not to scale

Description: For civil parameters with load greater than 1000kg and speed greater than 1.75m/s, please consult the pre-sales technical support department

Type II: Suitable for the shaft with narrow civil width

Dimension of jierui machine-room-less and guest elevator (II series machine-room-less structure)

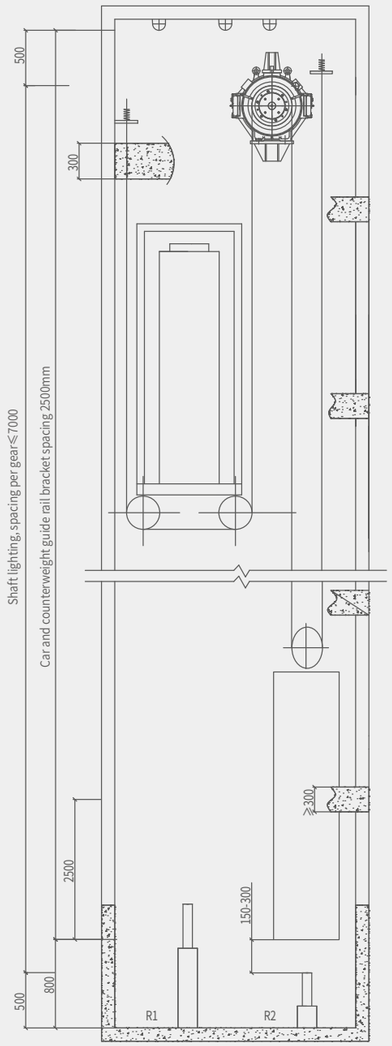
Load (kg)	Speed (m/s)	Net dimension of car mm	Net size of door opening mm	Net size of Shaft mm	Bottom pit depth	Extreme bottom pit depth mm ※	floor height	Extreme floor height mm ※	Maximum travelling height m	Maximum floors	Positioning dimensions (mm)							Counterweight guide rail spacing mm	Rail reaction KN		Pit bottom reaction KN		Machine room bearing force KN			Lifting hook KN
		width (CW) x depth(CD)	width (OPH) x height (OPH)	width (HW) x depth(HD)	S(mm)	S(mm)	K(mm)	K(mm)	Rmax(m)	Layer	L1	L2	L3	L4	L5	L6	L7	CWTDBG	RR1	RR2	R1	R2	R3	R4	R5	H
630(8)	1.0	1150×1410	800×2100	1800×1900	1600	1250	4300	4150	50	16	730	870	1000	800	370	530	865	1200	34	23	64	52	23	28	-	2000
	1.5	1150×1410	800×2100	1800×1900	1700	1350	4450	4300	75	24	730	870	1000	800	370	530	865	1200	34	23	64	52	23	28	-	2000
	1.75	1150×1410	800×2100	1800×1900	1700	1400	4500	4300	90	24	730	870	1000	800	370	530	865	1200	34	23	64	52	23	28	-	2000
800(10)	1.0	1350×1410	800×2100	2000×1900	1600	1250	4300	4150	50	16	730	870	1000	800	470	630	965	1200	37	26	72	72	26	31	-	2000
	1.5	1350×1410	800×2100	2000×1900	1700	1350	4450	4350	75	24	730	870	1000	800	470	630	965	1200	37	26	88	72	26	31	-	2000
	1.75	1350×1410	800×2100	2000×1900	1700	1400	4500	4400	90	24	730	870	1000	800	470	630	965	1200	37	26	88	72	26	31	-	2000
1000(13)	1.0	1550×1410	900×2100	2200×1900	1600	1250	4300	4150	50	16	730	870	1000	900	570	730	1065	1200	41	30	100	78	30	35	-	2000
	1.5	1550×1410	900×2100	2200×1900	1700	1350	4450	4350	75	24	730	870	1000	900	570	730	1065	1200	41	30	100	78	30	35	-	2000
	1.75	1550×1410	900×2100	2200×1900	1700	1400	4500	4400	90	24	730	870	1000	900	570	730	1065	1200	41	30	100	78	30	35	-	2000

Description:①The above parameters are for reference only, and the final sizes are subject to the confirmed civil drawings.
②For civil parameters with load greater than 1000kg and speed greater than 175m/s, please consult the pre-sales technical support department

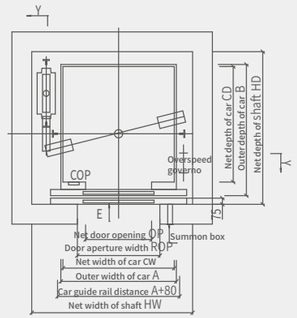
※ : When using the extreme size, the shaft verticality must be considered.

Jierui Series, Machine-Room-Less and Guest Elevator III Series Civil Drawing

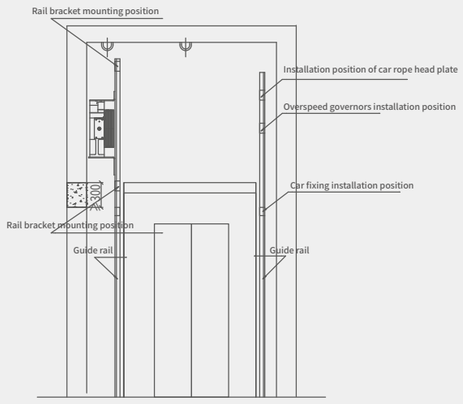
800~1050kg 1.0~1.75m/s



Shaft Elevation Y-Y Unfolding Diagram



Shaft Plan

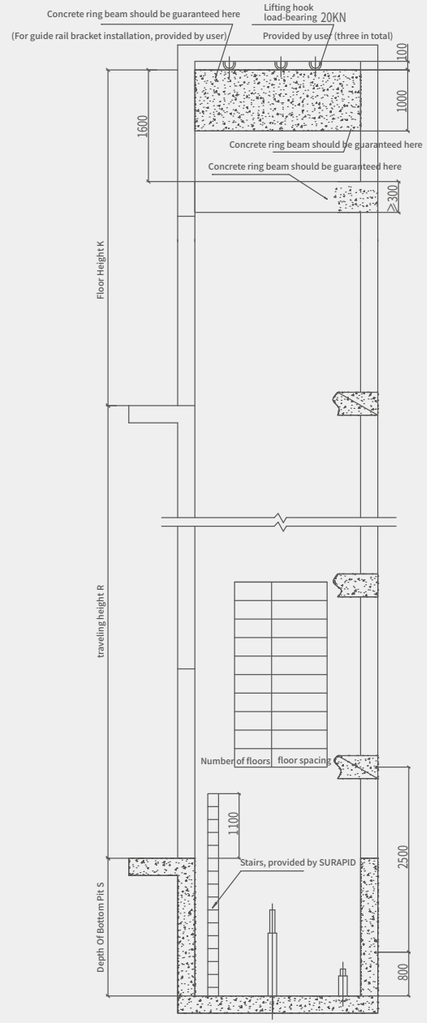


E Direction Profile

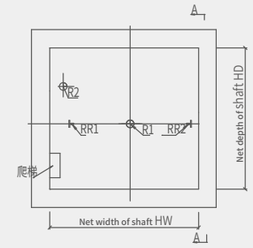
Note: This diagram is not to scale

Type III.: suitable for hoistways with low top floor and narrow width

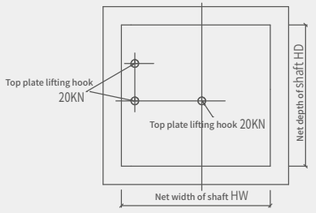
Jierui Series, Machine-Room-Less and Guest Elevator III Series Civil Drawing



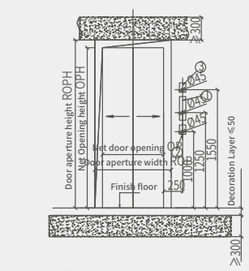
A-A View



Shaft Plan

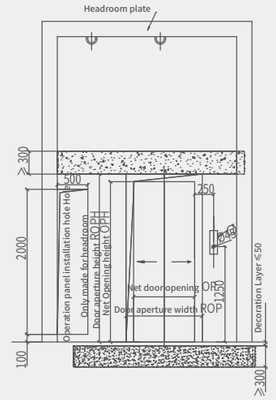


Shaft plan lifting hook diagram (lifting hook provided by user)



1:Button And Display
2:Main floor box ,for main floor only
3:Fire Switch (In Case Of Fire Function), Only Reserved For The Base Station, The Rest Of The Layer Without This Hole
4:Recommend To Use The Inner Diameter Ø45mm Pvc Pipe Reserved For Call Wiring Hole)

Hall Door Diagram (Excluding The Top Layer)



Headroom Hall Door Diagram

Note: This diagram is not to scale

Load (kg)	Speed (m/s)	Net dimension of car (mm) width (CW) x depth	Net dimension of shaft (mm) width (HW) x depth (HD)	Net door opening (mm)	Door opening	Bottom pit depth	Extreme floor height K(mm) ※	floor height K(mm)
800	1	1350×1400	1950×1850	800×2100	Middle split	1450	3900	3950
	1.5					1550	4100	4100
	1.75					1600	4150	4200
1000	1	1600×1400	2200×1850	900×2100	Middle split	1450	3900	3950
	1.5					1550	4100	4100
	1.75					1600	4150	4200
1050	1	1600×1500	2200×1950	900×2100	Middle split	1450	3900	3950
	1.5					1550	4100	4100
	1.75					1600	4150	4200

Note: Car net height 2400, integrated ceiling. If it's not integrated, floor height needs to be extended according to the non-integrated top thickness

※：When using the limit size, the verticality of the shaft must be considered.

III type: Suitable for the shaft with short civil headroom and narrow width.

Dimension of Jierui Machine-Room-Less and Guest Elevator (C Series Machine-Room-Less structure)

Load (kg)	Speed (m/s)	Net dimension of car (mm)	Net door opening (mm)	Net dimension of shaft (mm)	Bottom pit depth ※	floor height	Extreme floor height ※	Maximum traveling height	Maximum floors	Positioning dimensions (mm)							Counterweight guide rail spacing (mm)	Rail reaction force (KN)		Pit reaction force (KN)		Machine room bearing force (KN)		
		width (CW) x depth (CD)	width (OP) x depth (OPH)	width (HW) x depth (HD)	S(mm)	K(mm)	K(mm)	Rmax(m)	Layer	L1	L2	L3	L4	L5	L6	L7	CWTDBG	RR1	RR2	R1	R2	R3	R4	R5
630(8)	1.0	1150×1410	800×2100	1950×1800	1500	4300	4200	50	16	855	850	1200	800	800	700	-	1000	19.2	28.8	64	60	40	34	15
	1.5	1150×1410	800×2100	1950×1800	1550	4400	4350	75	24	855	850	1200	800	800	700	-	1000	19.2	28.8	64	60	40	34	15
	1.75	1150×1410	800×2100	1950×1800	1600	4500	4400	90	32	855	850	1200	800	800	700	-	1000	19.2	28.8	64	60	40	34	15
800(10)	1.0	1350×1410	800×2100	2150×1800	1500	4050	4000	50	16	855	850	1350	950	950	850	-	1000	26.4	39.6	88	76	52	42	21
	1.5	1350×1410	800×2100	2150×1800	1550	4200	4150	75	24	855	850	1350	950	950	850	-	1000	26.4	39.6	88	76	52	42	21
	1.75	1350×1410	800×2100	2150×1800	1600	4250	4200	90	32	855	850	1350	950	950	850	-	1000	26.4	39.6	88	76	52	42	21
1000(13)	1.0	1550×1410	900×2100	2350×1800	1500	4050	4000	50	16	855	850	1450	1050	1050	950	-	1000	30	45	100	85	60	48	27
	1.5	1550×1410	900×2100	2350×1800	1550	4200	4150	75	24	855	850	1450	1050	1050	950	-	1000	30	45	100	85	60	48	27
	1.75	1550×1410	900×2100	2350×1800	1600	4250	4200	90	32	855	850	1450	1050	1050	950	-	1000	30	45	100	85	60	48	27
1050(14)	1.0	1550×1510	900×2100	2350×1900	1500	4050	4000	50	16	855	850	1450	1050	1050	950	-	1100	30	45	100	85	60	48	27
	1.5	1550×1510	900×2100	2350×1900	1550	4200	4150	75	24	855	850	1450	1050	1050	950	-	1100	30	45	100	85	60	48	27
	1.75	1550×1510	900×2100	2350×1900	1600	4250	4200	90	32	855	850	1450	1050	1050	950	-	1100	30	45	100	85	60	48	27
1150(15)	1.0	1700×1550	1000×2100	2700×1950	1500	3850	3850	50	16	820	885	1520	1180	1085	1035	-	1000	44	44	78	124	91	48	-
	1.5	1700×1550	1000×2100	2700×1950	1600	4000	4000	75	24	820	885	1520	1180	1085	1035	-	1000	44	44	78	124	91	48	-
	1.75	1700×1550	1000×2100	2700×1950	1650	4100	4100	90	32	820	885	1520	1180	1085	1035	-	1000	44	44	78	124	91	48	-
1350(18)	1.0	1900×1650	1100×2100	2900×2050	1500	3850	3850	50	16	870	975	1620	1280	1185	1135	-	1200	44	44	78	124	91	48	-
	1.5	1900×1650	1100×2100	2900×2050	1600	4000	4000	75	24	870	975	1620	1280	1185	1135	-	1200	44	44	78	124	91	48	-
	1.75	1900×1650	1100×2100	2900×2050	1650	4100	4100	90	32	870	975	1620	1280	1185	1135	-	1200	44	44	78	124	91	48	-
1600(21)	1.0	2000×1750	1100×2100	3000×2150	1500	3850	3850	50	16	970	1075	1620	1280	1185	1135	-	1400	44	44	78	124	91	48	-
	1.5	2000×1750	1100×2100	3000×2150	1600	4000	4000	75	24	970	1075	1620	1280	1185	1135	-	1400	44	44	78	124	91	48	-
	1.75	2000×1750	1100×2100	3000×2150	1650	4100	4100	90	32	970	1075	1620	1280	1185	1135	-	1400	44	44	78	124	91	48	-

Note: The above parameters are for reference only, and the final sizes are subject to the confirmed civil drawings.

For civil parameters with load greater than 1,600kg and speed greater than 175m/s, please consult the pre-sales technical support department.

※：When using the extreme size, the shaft verticality must be considered.

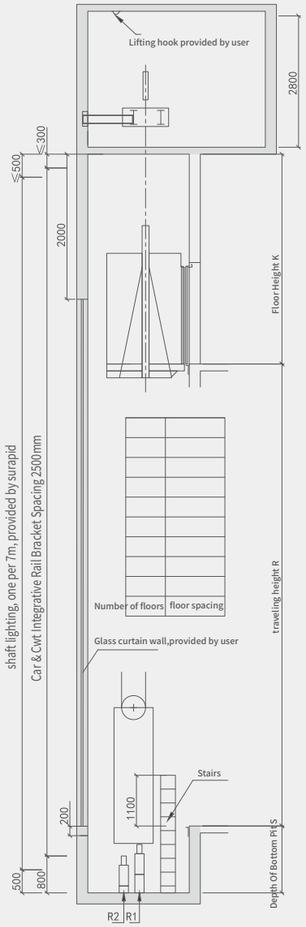
Elevator civil technical conditions

- All the shaft buildings must meet the fire prevention requirements, and no equipment, power supply and other irrelevant holes should be installed in the shaft.
- The shaft must be vertical, the shaft horizontal dimension is the minimum headroom dimension, and the vertical error is 0 +25mm/0~30m, 0+0mm/30m 60m, 0+50mm/60m and more
- When there is a pit bottom space reachable by personnel, the counterweight buffer can be installed on solid pile piers extending all the way to the solid ground, or ask the elevator manufacturer to install the counterweight safety gear.
- Before elevator installation, all floor door apertures must have a safety protection enclosure with a height of not less than 1.2 m, and should ensure that they need to be able to withstand the forces shown.
- Enclosed shaft is equipped with ventilation holes upon need (generally in the shaft neck and bottom), and its area shall not be less than 1% of the horizontal area of the shaft, and the ventilation holes shall be equipped with protective screen.
- Elevator hall door, elevator call display reserved holes and other reserved holes need to be backfilled and decorated when elevator installation is completed.
- The elevator shaft should preferably be of concrete structure. If the shaft is of frame structure, a 300mm high concrete ring beam should be set at the installation of guide rail bracket and a 300mm high concrete beam of the same width as the shaft should be set at the upper and lower edges of the hole of each hall door. If the shaft is of solid load-bearing brick wall structure, a 300mm high concrete beam of the same width as the shaft should be installed at the upper and lower edges of the hole of each hall door.
- When the sill distance between two adjacent floor doors exceeds 11m, a safety door shall be set without opening toward the shaft. The safety door size shall not be less than 350mm wide and 1800mm high. The safety door shall be equipped with a key to open the lock. When the door opens, it can be closed and locked without the key. Even in the case of locking, it should be able to open from inside the shaft without the key.
- The bottom pit should be watertight. The trapped water pit, if any, should be located at the wall corner.
- According to the technical parameters table, the power supply should be connected to the machine room with a protected switch and lock. The power supply should not fluctuate by more than ±7%. The power supply neutral wire and grounding wire should be separated and the grounding resistance value should not be greater than 4
- All loads indicated in the drawings, unless otherwise specified, include impact corrections, and the strength of the wall and pit must be able to withstand the forces shown.
- The user is responsible for the pre-burial steel plates, etc. indicated in the drawings, which need to be set in advance.
- The temperature in the machine room should be maintained at 5-40℃. The machine room should be level and must be able to withstand the force shown of not less than 7.0 kN per square meter.
- The user needs to set up a rescue duty room and lay the communication line to the server room. When the route distance is not greater than 500m, lay a six twisted shielding line (3x2x0.75mm). When the distance is greater than 500m, lay a category 5 line, and the floor standard value is uniform live load.

User Precaution

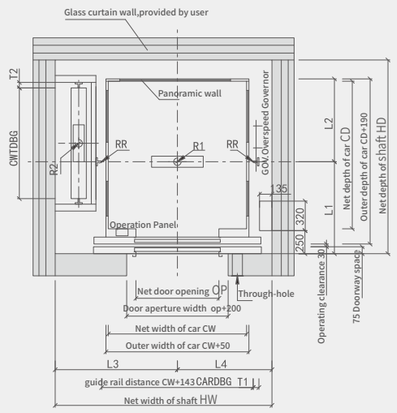
- The civil technical conditions are an important part of the elevator civil layout and must be strictly observed. Please refer to the relevant clauses of the national elevator standard GB758-2003 for the unsettled matters.
- If the civil construction is not performed in accordance with the terms and conditions and the layout plan, the user will be responsible for rectification, and any consequences thus caused will be borne by the user.
- In case of any change in the above shaft sizes, please inform our company in writing in time and get our company's approval before any change.

Jieyun series, panoramic elevator Square civil drawing



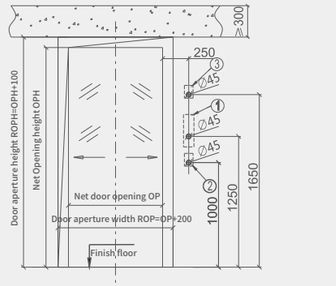
Shaft Rendering

Note: This diagram is not to scale



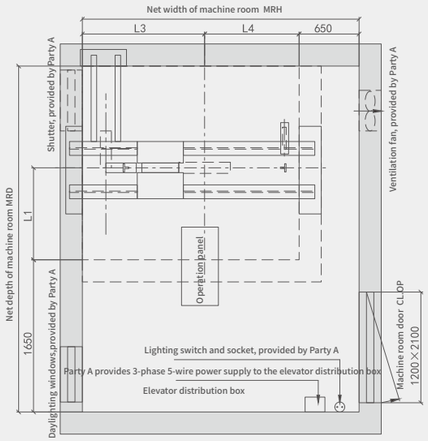
Shaft Plan

Note: The operation panel position is related to the selected decoration. The position shown in the drawing is only schematic, subject to change during making. The buffer at 1350-1600kg is two, not otherwise illustrated in the drawing.

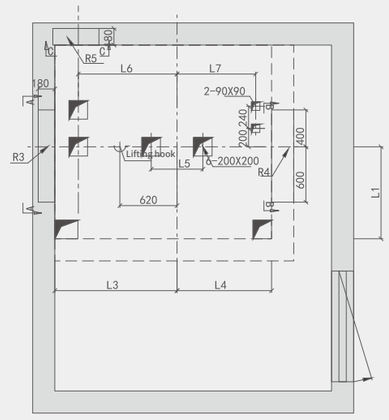


1:Button And Display
2:Elevator stop switch, only set at the base station, no hole reserved for other floors
3:Fire Switch (In Case Of Fire Function), Only Reserved For The Base Station, The Rest Of The Layer Without This Hole
4:Recommend To Use The Inner Diameter Ø45mm Pvc Pipe Reserved For Call Wiring Hole)

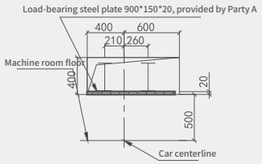
Hall Door Diagram



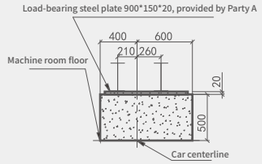
Machine Room Plan



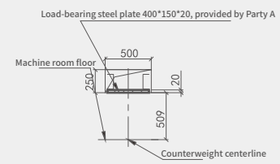
Machine Room Hole Diagram



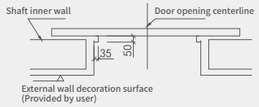
A-A Load-bearing Hole



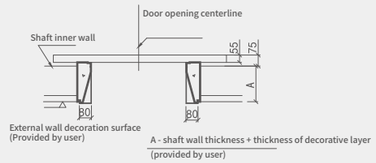
B-B Load-bearing Pier



C-C Load-bearing Hole



Small Door Set Schematic



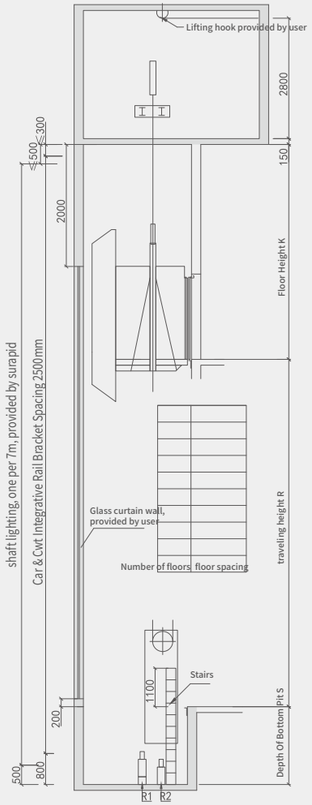
Big Door Set Schematic

(Big Door Set Parameter Table To Be Prepared While Making)

Elevator Civil Technical Condition Same As Above

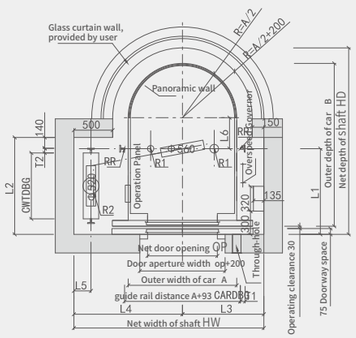
- All the shaft buildings must meet the fire prevention requirements, and no equipment, power supply and other irrelevant holes should be installed in the shaft.
- The shaft must be vertical, the shaft horizontal dimension is the minimum headroom dimension, and the vertical error is 0 +25mm/0~30m, 0+0mm/30m 60m, 0+50mm/60m and more
- When there is a pit bottom space reachable by personnel, the counterweight buffer can be installed on solid pile piers extending all the way to the solid ground, or ask the elevator manufacturer to install the counterweight safety gear.
- Before elevator installation, all floor door apertures must have a safety protection enclosure with a height of not less than 1.2 m, and should ensure that they need to be able to withstand the forces shown.
- Enclosed shaft is equipped with ventilation holes upon need (generally in the shaft top and bottom), and its area shall not be less than 1% of the horizontal area of the shaft, and the ventilation holes shall be equipped with protective screen.
- Elevator hall door, elevator call display reserved holes and other reserved holes need to be backfilled and decorated when elevator installation is completed.
- The elevator shaft should preferably be of concrete structure. If the shaft is of frame structure, a 300mm high concrete ring beam should be set at the installation of guide rail bracket and a 300mm high concrete beam of the same width as the shaft should be set at the upper and lower edges of the hole of each hall door.
- When the sill distance between two adjacent floor doors exceeds 11m, a safety door shall be set without opening toward the shaft. The safety door size shall not be less than 350mm wide and 1800mm high. The safety door shall be equipped with a key to open the lock. When the door opens, it can be closed and locked without the key.
- The bottom pit should be watertight. The trapped water pit, if any, should be located at the wall corner.
- According to the technical parameters table, the power supply should be connected to the machine room with a protected switch and lock. The power supply should not fluctuate by more than ±7%. The power supply neutral wire and grounding wire should be separated and the grounding resistance value should not be greater than 4.
- All loads indicated in the drawings, unless otherwise specified, include impact corrections, and the strength of the wall and pit must be able to withstand the forces shown.
- The user is responsible for the pre-burial steel plates, etc. indicated in the drawings, which need to be set in advance.
- The temperature in the machine room should be maintained at 5-40°C. The machine room should be level and must be able to withstand the force shown of not less than 7.0kN per square meter.
- The user needs to set up a rescue duty room and lay the communication line to the server room. When the route distance is not greater than 500m, lay a six twisted shielding line (3x2x0.75mm). When the distance is greater than 500m, lay a category 5 line, and the floor standard value is uniform live load.

Jieyun series, panoramic elevator diamond, round civil diagram

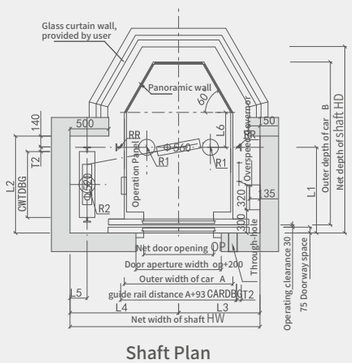


Shaft Rendering

Note: This diagram is not to scale



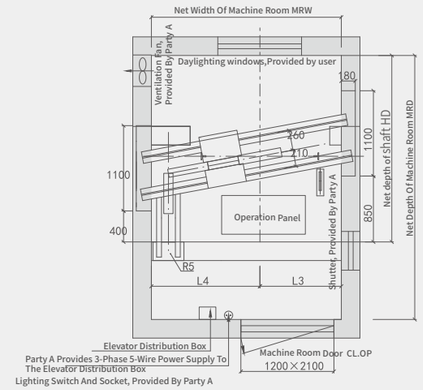
Shaft Plan



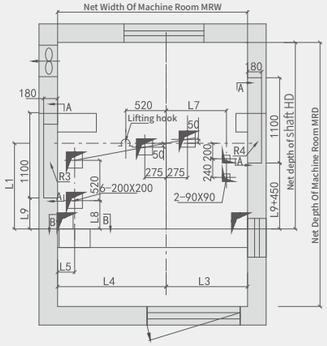
Shaft Plan

Note: The operation panel position is related to the selected decoration.
The position shown in the drawing is only schematic, subject to change during making.

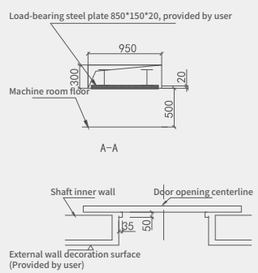
Hall Door Diagram



Machine Room Plan

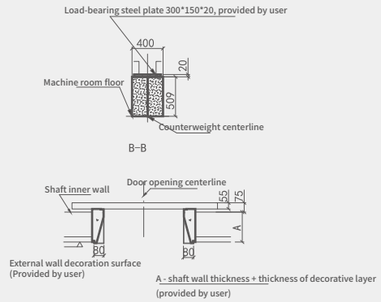


Machine Room Hole Diagram



Small Door Set Schematic

Note: This diagram is not to scale



Big Door Set Schematic

(Big Door Set Parameter Table To Be Prepared While Making)

⚠ Elevator Civil Technical Condition Same As Above

- All the shaft buildings must meet the fire prevention requirements, and no equipment, power supply and other irrelevant holes should be installed in the shaft.
- The shaft must be vertical, the shaft horizontal dimension is the minimum headroom dimension, and the vertical error is 0 +25mm/0~30m, 0+0mm/30m 60m, 0+50mm/60m and more
- When there is a pit bottom space reachable by personnel, the counterweight buffer can be installed on solid pile piers extending all the way to the solid ground, or ask the elevator manufacturer to install the counterweight safety gear.
- Before elevator installation, all floor door apertures must have a safety protection enclosure with a height of not less than 1.2 m, and should ensure that they need to be able to withstand the forces shown.
- Enclosed shaft is equipped with ventilation holes upon need (generally in the shaft top and bottom), and its area shall not be less than 1% of the horizontal area of the shaft, and the ventilation holes shall be equipped with protective screen.
- Elevator hall door, elevator call display reserved holes and other reserved holes need to be backfilled and decorated when elevator installation is completed.
- The elevator shaft should preferably be of concrete structure. If the shaft is of frame structure, a 300mm high concrete ring beam should be set at the installation of guide rail bracket and a 300mm high concrete beam of the same width as the shaft should be set at the upper and lower edges of the hole of each hall door.
- When the sill distance between two adjacent floor doors exceeds 11m, a safety door shall be set without opening toward the shaft. The safety door size shall not be less than 350mm wide and 1800mm high. The safety door shall be equipped with a key to open the lock. When the door opens, it can be closed and locked without the key.
- The bottom pit should be watertight. The trapped water pit, if any, should be located at the wall corner.
- According to the technical parameters table, the power supply should be connected to the machine room with a protected switch and lock. The power supply should not fluctuate by more than ±7%. The power supply neutral wire and grounding wire should be separated and the grounding resistance value should not be greater than 4.
- All loads indicated in the drawings, unless otherwise specified, include impact corrections, and the strength of the wall and pit must be able to withstand the forces shown.
- The user is responsible for the pre-burial steel plates, etc. indicated in the drawings, which need to be set in advance.
- The temperature in the machine room should be maintained at 5-40°C. The machine room should be level and must be able to withstand the force shown of not less than 7.0kN per square meter.
- The user needs to set up a rescue duty room and lay the communication line to the server room. When the route distance is not greater than 500m, lay a six twisted shielding line (3x2x0.75mm). When the distance is greater than 500m, lay a category 5 line, and the floor standard value is uniform live load.

Dimensions of Jieyun panoramic elevator (round, diamond)

Load (kg)	Speed (m/s)	Net dimension of car (mm)	Net door opening (mm)	Net dimension of shaft (mm)	Net width of machine room (mm)	Standard bottom pit depth	floor height	Maximum traveling height	Maximum floors	Positioning dimensions (mm)									Counterweight guide rail spacing (mm)	Rail reaction force (KN)		Pit reaction force (KN)			Machine room bearing force (KN)
		width (A) x depth (B)	width (OP) x depth (OPH)	width (HW) x depth (HD)	width (MRW) xdepth (MRD) xheight(MRH)	S(mm)	K(mm)	Rmax(m)	Layer	L1	L2	L3	L4	L5	L6	L7	L8	L9	RR	R1	R2	R3	R4	R5	H
800(10) round	1.0	1250X2000	800X2100	2300X2300	2300X3300X2800	2100	4650	50	16	1105	1250	975	1325	220	375	703	365	400	55	55	87	98	47	7.5	2000
	1.5	1250X2000	800X2100	2300X2300	2300X3300X2800	2250	4800	75	24	1105	1250	975	1325	220	375	703	365	400	55	55	87	98	47	7.5	2000
	1.75	1250X2000	800X2100	2300X2300	2300X3300X2800	2250	4850	95	24	1105	1250	975	1325	220	375	703	365	400	55	55	87	98	47	7.5	2000
800(10) diamond	1.0	1250X2000	800X2100	2300X2300	2300X3300X2800	2100	4650	50	16	1105	1250	975	1325	220	450	703	365	400	55	55	87	98	47	7.5	2000
	1.5	1250X2000	800X2100	2300X2300	2300X3300X2800	2250	4800	75	24	1105	1250	975	1325	220	450	703	365	400	55	55	87	98	47	7.5	2000
	1.75	1250X2000	800X2100	2300X2300	2300X3300X2800	2250	4850	95	24	1105	1250	975	1325	220	450	703	365	400	55	55	87	98	47	7.5	2000
1000(13) round	1.0	1400X2100	900X2100	2450X2405	2450X3405X2800	2100	4650	50	16	1105	1250	1050	1400	220	400	778	365	400	60	60	92	103	52	12.5	2000
	1.5	1400X2100	900X2100	2450X2405	2450X3405X2800	2250	4800	75	24	1105	1250	1050	1400	220	400	778	365	400	60	60	92	103	52	12.5	2000
	1.75	1400X2100	900X2100	2450X2405	2450X3405X2800	2250	4850	95	24	1105	1250	1050	1400	220	400	778	365	400	60	60	92	103	52	12.5	2000
1000(13) diamond	1.0	1400X2100	900X2100	2450X2405	2450X3405X2800	2100	4650	50	16	1105	1250	1050	1400	220	450	778	365	400	60	60	92	103	52	12.5	2000
	1.5	1400X2100	900X2100	2450X2405	2450X3405X2800	2250	4800	75	24	1105	1250	1050	1400	220	450	778	365	400	60	60	92	103	52	12.5	2000
	1.75	1400X2100	900X2100	2450X2405	2450X3405X2800	2250	4850	95	24	1105	1250	1050	1400	220	450	778	365	400	60	60	92	103	52	12.5	2000
1150(15) round	1.0	1500X2150	1000X2100	2650X2550	2650X3550X2800	2100	4650	50	16	1130	1300	1200	1450	220	375	828	415	430	79	79	125	120	85	18	3000
	1.5	1500X2150	1000X2100	2650X2550	2650X3550X2800	2250	4800	75	24	1130	1300	1200	1450	220	375	828	415	430	79	79	125	120	85	18	3000
	1.75	1500X2150	1000X2100	2650X2550	2650X3550X2800	2250	4850	95	24	1130	1300	1200	1450	220	375	828	415	430	79	79	125	120	85	18	3000
1150(15) diamond	1.0	1500X2150	1000X2100	2650X2550	2650X3550X2800	2100	4650	50	16	1130	1300	1200	1450	220	425	828	415	430	79	79	125	120	85	18	3000
	1.5	1500X2150	1000X2100	2650X2550	2650X3550X2800	2250	4800	75	24	1130	1300	1200	1450	220	425	828	415	430	79	79	125	120	85	18	3000
	1.75	1500X2150	1000X2100	2650X2550	2650X3550X2800	2250	4850	95	24	1130	1300	1200	1450	220	425	828	415	430	79	79	125	120	85	18	3000
1350(18) round	1.0	1600X2250	1100X2100	2750X2550	2750X3550X2800	2100	4650	50	16	1230	1400	1250	1500	220	325	878	440	450	81	81	127	122	87	20	3000
	1.5	1600X2250	1100X2100	2750X2550	2750X3550X2800	2250	4800	75	24	1230	1400	1250	1500	220	325	878	440	450	81	81	127	122	87	20	3000
	1.75	1600X2250	1100X2100	2750X2550	2750X3550X2800	2250	4850	95	24	1230	1400	1250	1500	220	325	878	440	450	81	81	127	122	87	20	3000
1350(18) diamond	1.0	1600X2250	1100X2100	2750X2550	2750X3550X2800	2100	4650	50	16	1230	1400	1250	1500	220	450	878	440	450	81	81	127	122	87	20	3000
	1.5	1600X2250	1100X2100	2750X2550	2750X3550X2800	2250	4800	75	24	1230	1400	1250	1500	220	450	878	440	450	81	81	127	122	87	20	3000
	1.75	1600X2250	1100X2100	2750X2550	2750X3550X2800	2250	4850	95	24	1230	1400	1250	1500	220	450	878	440	450	81	81	127	122	87	20	3000
1600(21) round	1.0	1800X2350	1100X2100	2850X2655	2850X3655X2800	2100	4650	50	16	1230	1400	1250	1600	220	325	978	440	450	84	84	130	125	90	23	3000
	1.5	1800X2350	1100X2100	2850X2655	2850X3655X2800	2250	4800	75	24	1230	1400	1250	1600	220	325	978	440	450	84	84	130	125	90	23	3000
	1.75	1800X2350	1100X2100	2850X2655	2850X3655X2800	2250	4850	95	24	1230	1400	1250	1600	220	325	978	440	450	84	84	130	125	90	23	3000
1600(21) diamond	1.0	1800X2350	1100X2100	2850X2655	2850X3655X2800	2100	4650	50	16	1230	1400	1250	1600	220	580	978	440	450	84	84	130	125	90	23	3000
	1.5	1800X2350	1100X2100	2850X2655	2850X3655X2800	2250	4800	75	24	1230	1400	1250	1600	220	580	978	440	450	84	84	130	125	90	23	3000
	1.75	1800X2350	1100X2100	2850X2655	2850X3655X2800	2250	4850	95	24	1230	1400	1250	1600	220	580	978	440	450	84	84	130	125	90	23	3000

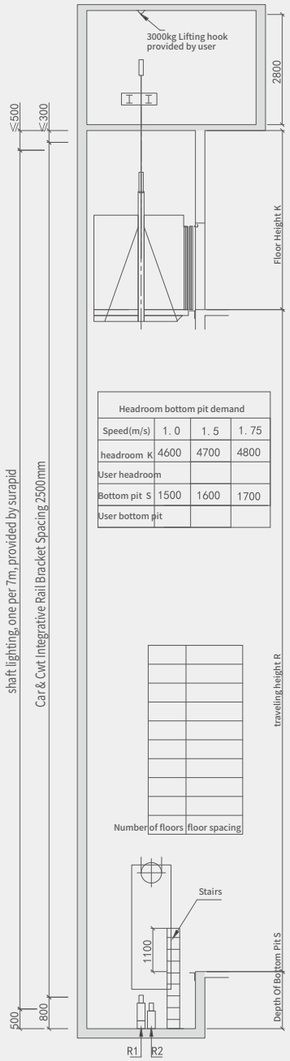
Note: The above parameters are for reference only, and the final sizes are subject to the confirmed civil drawings.

Dimensions of Jieyun panoramic elevator (square)

Load (kg)	Speed (m/s)	Net dimension of car (mm)	Net door opening (mm)	Net dimension of shaft (mm)	Net width of machine room (mm)	Standard bottom pit depth	floor height	Maximum traveling height	Maximum floors	Positioning dimensions (mm)									Counterweight guide rail spacing (mm)	Rail reaction force (KN)		Pit reaction force (KN)			Machine room bearing force (KN)
						S(mm)	K(mm)	Rmax(m)	Layer	L1	L2	L3	L4	L5	L6	L7	L8	L9	RR	R1	R2	R3	R4	R5	H
630(8)	1.0	1400X1030	800X2100	2250X1600	2900X3250X2800	1500	4500	50	16	705	620	1275	975	520	1020	803	-	-	21	64	52	38	34	8.1	2000
	1.5	1400X1030	800X2100	2250X1600	2900X3250X2800	1600	4600	75	24	705	620	1275	975	520	1020	803	-	-	21	64	52	38	34	8.1	2000
	1.75	1400X1030	800X2100	2250X1600	2900X3250X2800	1700	4700	95	24	705	620	1275	975	520	1020	803	-	-	21	64	52	38	34	8.1	2000
800(10)	1.0	1400X1350	800X2100	2250X1800	2900X3450X2800	1500	4500	50	16	835	810	1275	975	520	1020	803	-	-	26	84	68	50	45	10.6	2000
	1.5	1400X1350	800X2100	2250X1800	2900X3450X2800	1600	4600	75	24	835	810	1275	975	520	1020	803	-	-	26	84	68	50	45	10.6	2000
	1.75	1400X1350	800X2100	2250X1800	2900X3450X2800	1700	4700	95	24	835	810	1275	975	520	1020	803	-	-	26	84	68	50	45	10.6	2000
1000(13)	1.0	1500X1600	900X2100	2350X2100	3000X3750X2800	1500	4500	50	16	997	898	1325	1025	560	1070	853	-	-	30	100	80	71	61	11.8	2000
	1.5	1500X1600	900X2100	2350X2100	3000X3750X2800	1600	4600	75	24	997	898	1325	1025	560	1070	853	-	-	30	100	80	71	61	11.8	2000
	1.75	1500X1600	900X2100	2350X2100	3000X3750X2800	1700	4700	95	24	997	898	1325	1025	560	1070	853	-	-	30	100	80	71	61	11.8	2000
1150(15)	1.0	1500X1750	900X2100	2550X2300	3000X3950X2800	1500	4500	50	16	1047	998	1325	1025	560	1070	853	-	-	45.5	132	108	77	73	12.5	3000
	1.5	1500X1750	900X2100	2550X2300	3000X3950X2800	1600	4600	75	24	1047	998	1325	1025	560	1070	853	-	-	45.5	132	108	77	73	12.5	3000
	1.75	1500X1750	900X2100	2550X2300	3000X3950X2800	1700	4700	95	24	1047	998	1325	1025	560	1070	853	-	-	45.5	132	108	77	73	12.5	3000
1350(18)	1.0	1700X1750	1100X2100	2550X2300	3200X3950X2800	1500	4500	50	16	1047	998	1425	1125	560	1200	953	-	-	47.5	70	112	81	76	16.8	3000
	1.5	1700X1750	1100X2100	2550X2300	3200X3950X2800	1600	4600	75	24	1047	998	1425	1125	560	1200	953	-	-	47.5	70	112	81	76	16.8	3000
	1.75	1700X1750	1100X2100	2550X2300	3200X3950X2800	1700	4700	95	24	1047	998	1425	1125	560	1200	953	-	-	47.5	70	112	81	76	16.8	3000
1600(21)	1.0	1700X2000	1100X2100	2550X2550	3200X4200X2800	1500	4500	50	16	1172	1123	1425	1125	560	1200	953	-	-	51.5	78	124	91	84	19.3	3000
	1.5	1700X2000	1100X2100	2550X2550	3200X4200X2800	1600	4600	75	24	1172	1123	1425	1125	560	1200	953	-	-	51.5	78	124	91	84	19.3	3000
	1.75	1700X2000	1100X2100	2550X2550	3200X4200X2800	1700	4700	95	24	1172	1123	1425	1125	560	1200	953	-	-	51.5	78	124	91	84	19.3	3000

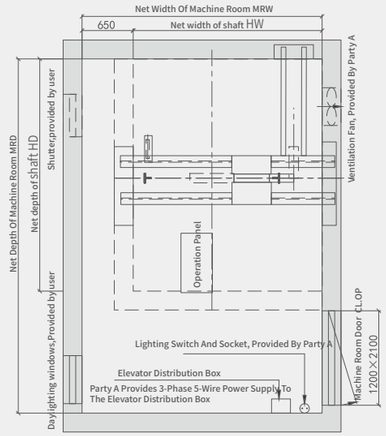
Note: The above parameters are for reference only, and the final sizes are subject to the confirmed civil drawings.

Jierun series, medical elevator with machine room, lateral opening civil diagram

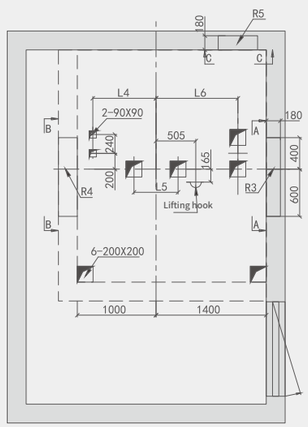


Headroom bottom pit demand			
Speed(m/s)	1. 0	1. 5	1. 75
headroom K	4600	4700	4800
User headroom			
Bottom pit S	1500	1600	1700
User bottom pit			

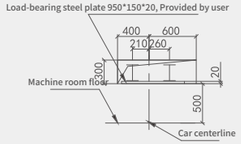
Shaft Rendering



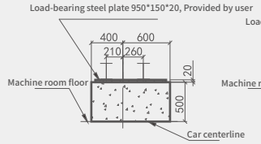
Machine Room Plan



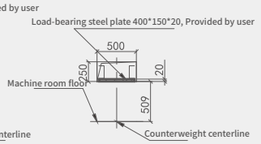
Machine Room Hole Diagram



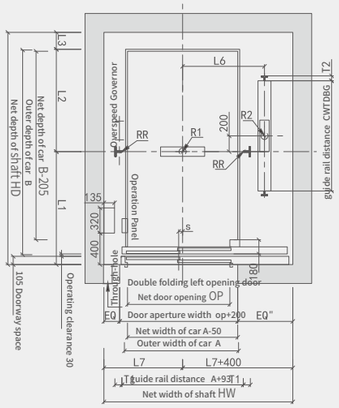
A-A Load-bearing Hole



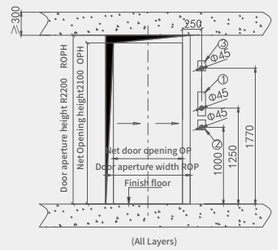
B-B Load-bearing Pier



C-C Load-bearing Hole



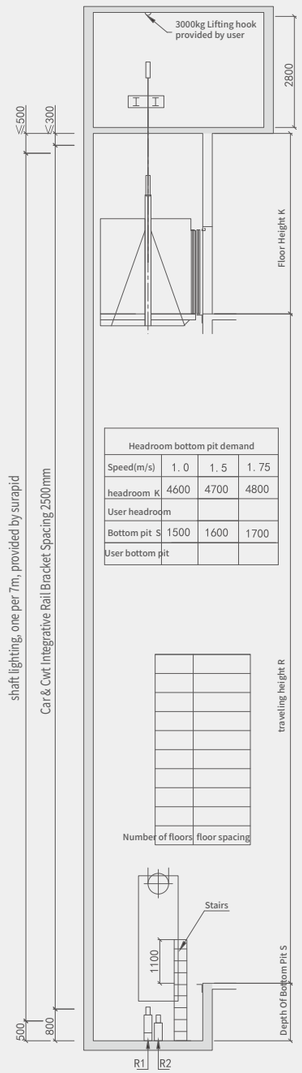
Shaft Plan



1:Button And Display
2：Base station lock, only set at the base station
3:Fire Switch (In Case Of Fire Function), Only Reserved For The Base Station, The Rest Of The Layer Without This Hole
4:Recommend To Use The Inner Diameter O45mm Pvc Pipe Reserved For Call Wiring Hole)

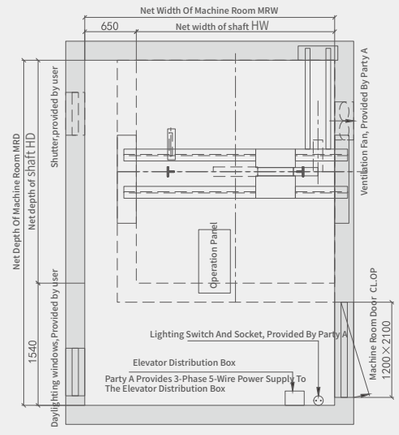
Note: This diagram is not to scale

Jierun series, medical elevator with machine room, middle split civil diagram

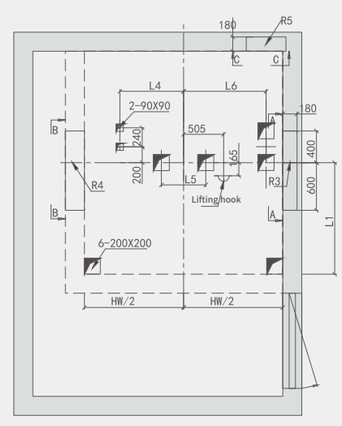


Headroom bottom pit demand			
Speed(m/s)	1. 0	1. 5	1. 75
headroom K	4600	4700	4800
User headroom			
Bottom pit S	1500	1600	1700
User bottom pit			

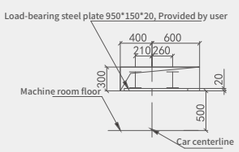
Shaft Rendering



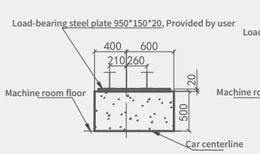
Machine Room Plan



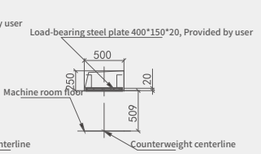
Machine Room Hole Diagram



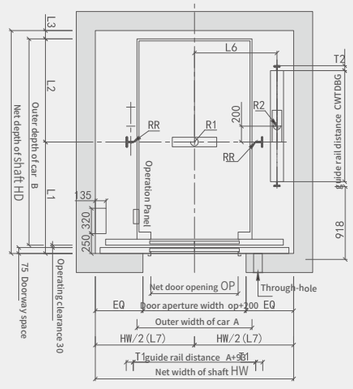
A-A Load-bearing Hole



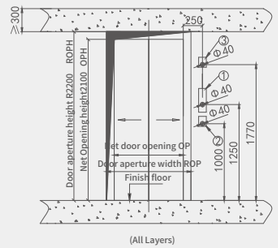
B-B Load-bearing Pier



C-C Load-bearing Hole



Shaft Plan



1:Button And Display
2：Base station lock, only set at the base station
3:Fire Switch (In Case Of Fire Function), Only Reserved For The Base Station, The Rest Of The Layer Without This Hole
4:Recommend To Use The Inner Diameter O45mm Pvc Pipe Reserved For Call Wiring Hole)

Note: This diagram is not to scale

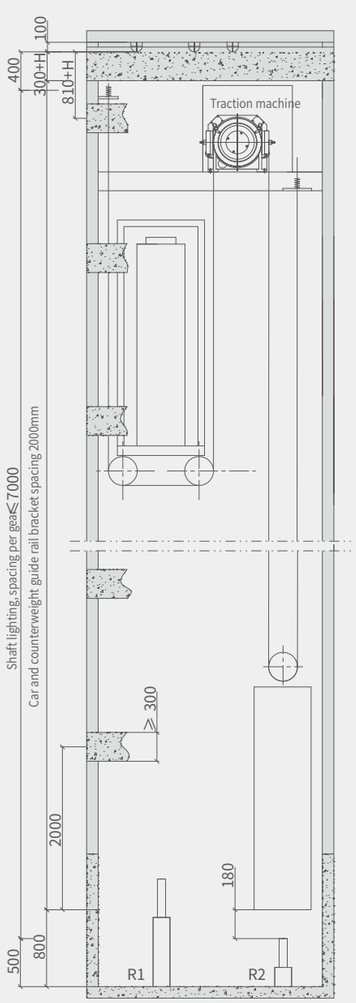
Elevator civil technical conditions

- All the shaft buildings must meet the fire prevention requirements, and no equipment, power supply and other irrelevant holes should be installed in the shaft.
- The shaft must be vertical, the shaft horizontal dimension is the minimum headroom dimension, and the vertical error is 0 +25mm/0~30m, 0+0mm/30m 60m, 0+50mm/60m and more
- When there is a pit bottom space reachable by personnel, the counterweight buffer can be installed on solid pile piers extending all the way to the solid ground, or ask the elevator manufacturer to install the counterweight safety gear.
- Before elevator installation, all floor door apertures must have a safety protection enclosure with a height of not less than 1.2 m, and should ensure that they need to be able to withstand the forces shown.
- Enclosed shaft is equipped with ventilation holes upon need (generally in the shaft neck and bottom), and its area shall not be less than 1% of the horizontal area of the shaft, and the ventilation holes shall be equipped with protective screen.
- Elevator hall door, elevator call display reserved holes and other reserved holes need to be backfilled and decorated when elevator installation is completed.
- The elevator shaft should preferably be of concrete structure. If the shaft is of frame structure, a 300mm high concrete ring beam should be set at the installation of guide rail bracket and a 300mm high concrete beam of the same width as the shaft should be set at the upper and lower edges of the hole of each hall door. If the shaft is of solid load-bearing brick wall structure, a 300mm high concrete beam of the same width as the shaft should be installed at the upper and lower edges of the hole of the hole of each hall door.
- When the sill distance between two adjacent floor doors exceeds 11m, a safety door shall be set without opening toward the shaft. The safety door size shall not be less than 350mm wide and 1800mm high. The safety door shall be equipped with a key to open the lock. When the door opens, it can be closed and locked without the key. Even in the case of locking, it should be able to open from inside the shaft without the key.
- The bottom pit should be watertight. The trapped water pit, if any, should be located at the wall corner.
- According to the technical parameters table, the power supply should be connected to the machine room with a protected switch and lock. The power supply should not fluctuate by more than ±7%. The power supply neutral wire and grounding wire should be separated and the grounding resistance value should not be greater than 4
- All loads indicated in the drawings, unless otherwise specified, include impact corrections, and the strength of the wall and pit must be able to withstand the forces shown.
- The user is responsible for the pre-burial steel plates, etc. indicated in the drawings, which need to be set in advance.
- The temperature in the machine room should be maintained at 5-40°C. The machine room should be level and must be able to withstand the force shown of not less than 7.0 kN per square meter.
- The user needs to set up a rescue duty room and lay the communication line to the server room. When the route distance is not greater than 500m, lay a six twisted shielding line (3x2x0.75mm). When the distance is greater than 500m, lay a category 5 line, and the floor standard value is uniform live load.

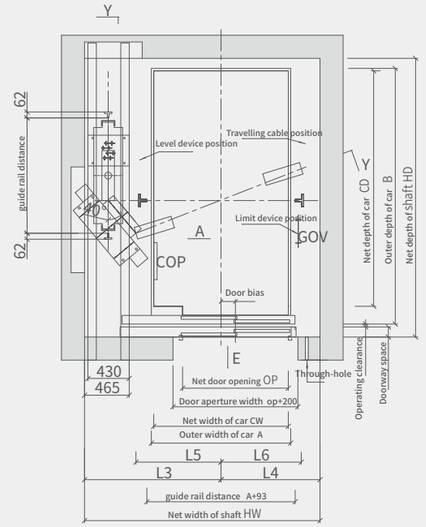
User Precaution

- The civil technical conditions are an important part of the elevator civil layout and must be strictly observed. Please refer to the relevant clauses of the national elevator standard GB758-2003 for the unsettled matters.
- If the civil construction is not performed in accordance with the terms and conditions and the layout plan, the user will be responsible for rectification, and any consequences thus caused will be borne by the user.
- In case of any change in the above shaft sizes, please inform our company in writing in time and get our company's approval before any change.

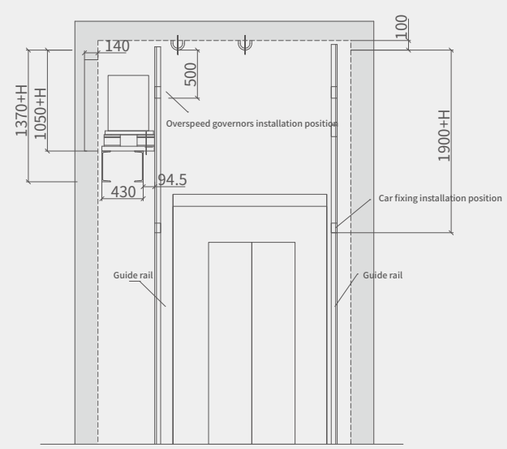
Jierun series, medical elevator machine-room-less lateral opening civil diagram



Shaft Elevation Y-Y Unfolding Diagram



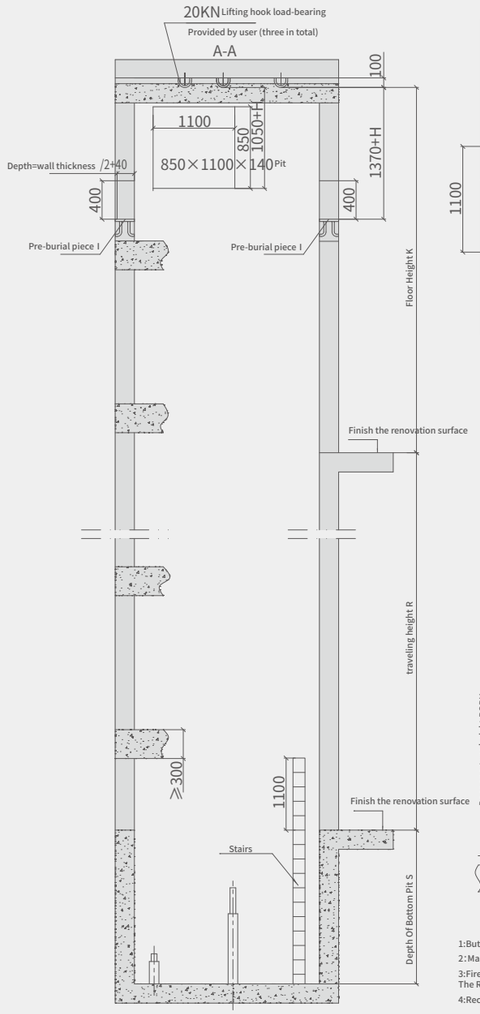
Shaft Plan

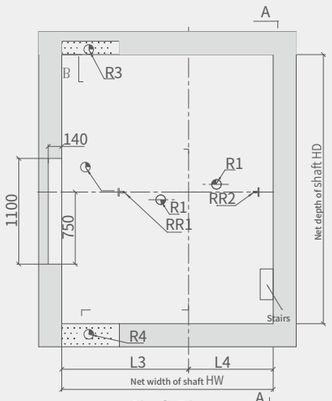


E Direction Profile

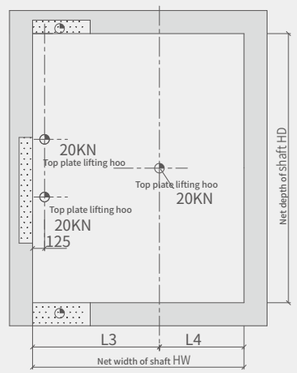
Note: This diagram is not to scale

Jierun series, medical elevator machine-room-less lateral opening civil diagram

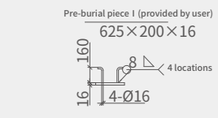


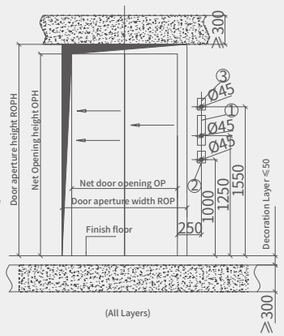


Shaft Plan



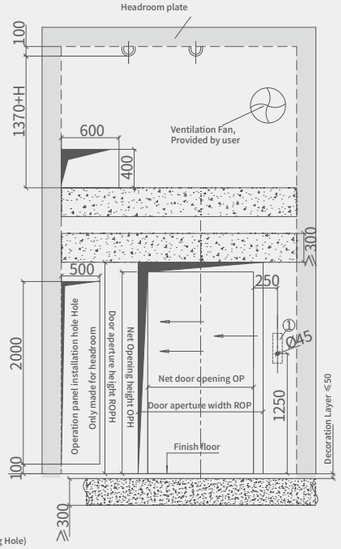
Shaft Plan Lifting Hook Diagram
(Lifting Hook Provided By User)





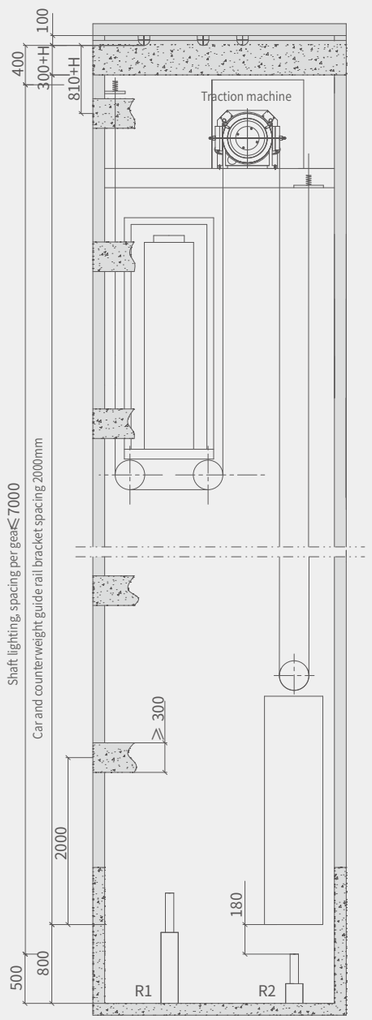
1:Button And Display
2:Main floor box ,for main floor only
3:Fire Switch (In Case Of Fire Function), Only Reserved For The Base Station, The Rest Of The Layer Without This Hole
4:Recommend To Use The Inner Diameter Ø45mm Pvc Pipe Reserved For Call Wiring Hole)

Hall Door Diagram

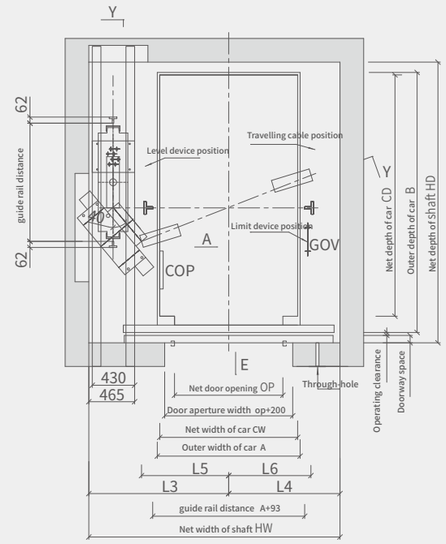


Headroom Hall Door Diagram

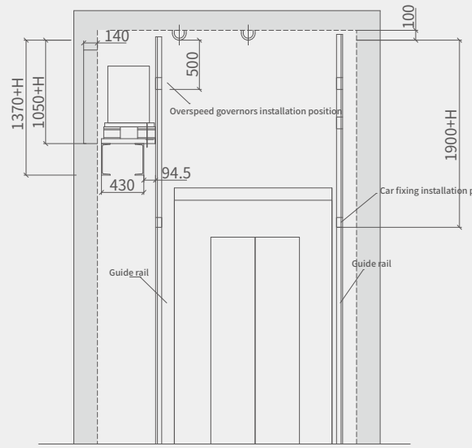
Note: This diagram is not to scale



Shaft Elevation Y-Y Unfolding Diagram



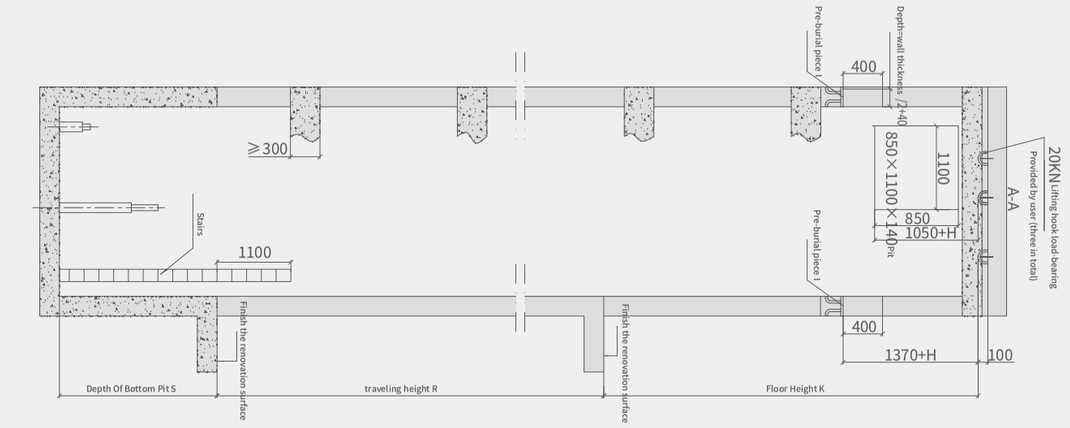
Shaft Plan

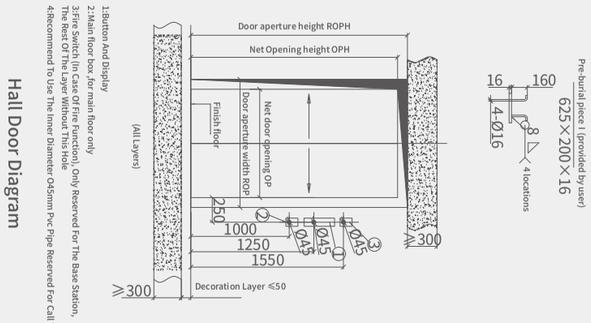


E Direction Profile

Note: This diagram is not to scale

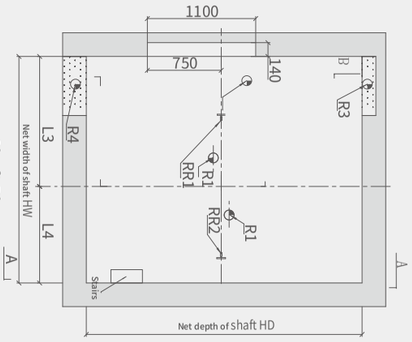
Note: This diagram is not to scale



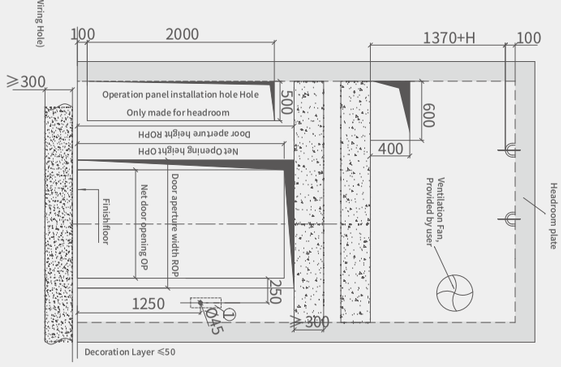


Hall Door Diagram

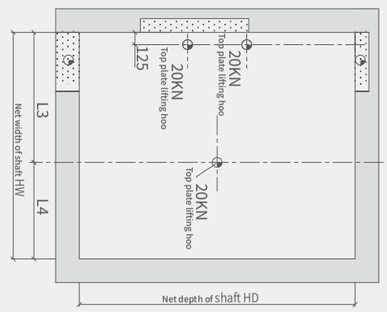
1.Button And Display
2.Main floor box ,for main floor only
3.Fire Switch (In Case Of Fire Function), Only Reserved For The Base Station, The Rest Of The Layer Without This Hole
4.Recommend To Use The Inner Diameter Ø45mm Pvc Pipe Reserved For Call Wiring Hole)



Shaft Plan



Headroom Hall Door Diagram



Shaft Plan Lifting Hook Diagram (Lifting Hook Provided By User)

Dimensions of machine room Jierun medical elevator (lateral opening)

Load (kg)	Speed (m/s)	Net dimension of car (mm)	Net door opening (mm)	Net dimension of shaft (mm)	Net width of machine room (mm)	Standard bottom pit depth	floor height	Maximum traveling height	Maximum floors	Positioning dimensions (mm)							Counterweight guide rail spacing (mm)	Rail reaction force (KN)		Pit reaction force (KN)			Machine room bearing force (KN)
		width (A) x depth (B)	width (OP) x depth (OPH)	width (HW) x depth (HD)	width (MRW) xdepth (MRD) xheight(MRH)	S(mm)	K(mm)	Rmax(m)	Layer	L1	L2	L3	L4	L5	L6	S	RR	R1	R2	R3	R4	R5	H
1000	1	1100*2200	1100*2100	2100*2650	2750*4190*2800	1500	4500	50	16	1270	1180	200	653	520	880	0	31	104	84	60	53	13.1	2000
	1.5	1100*2200	1100*2100	2100*2650	2750*4190*2800	1600	4600	75	24	1270	1180	200	653	520	880	0	31	104	84	60	53	13.1	2000
	1.75	1100*2200	1100*2100	2100*2650	2750*4190*2800	1700	4700	90	24	1270	1180	200	653	520	880	0	31	104	84	60	53	13.1	2000
1150	1	1200*2200	1100*2100	2200*2750	2850*4290*2800	1500	4600	50	16	1310	1225	215	703	520	940	50	41	72	112	82	60	17.5	3000
	1.5	1200*2200	1100*2100	2200*2750	2850*4290*2800	1600	4700	75	24	1310	1225	215	703	520	940	50	41	72	112	82	60	17.5	3000
	1.75	1200*2200	1100*2100	2300*2750	2850*4290*2800	1700	4800	90	24	1310	1225	215	703	520	940	50	41	72	112	82	60	17.5	3000
1350	1	1300*2300	1200*2100	2300*2850	2950*4390*2800	1500	4600	50	16	1360	1275	215	753	520	990	50	41	72	112	82	60	17.5	3000
	1.5	1300*2300	1200*2100	2300*2850	2950*4390*2800	1600	4700	75	24	1360	1275	215	753	520	990	50	41	72	112	82	60	17.5	3000
	1.75	1300*2300	1200*2100	2300*2850	2950*4390*2800	1700	4800	90	24	1360	1275	215	753	520	990	50	41	72	112	82	60	17.5	3000
1600	1	1400*2400	1300*2100	2400*2950	3050*4490*2800	1500	4600	50	16	1410	1325	215	803	520	1060	50	51.5	78	124	91	84	19.3	3000
	1.5	1400*2400	1300*2100	2400*2950	3050*4490*2800	1600	4700	75	24	1410	1325	215	803	520	1060	50	51.5	78	124	91	84	19.3	3000
	1.75	1400*2400	1300*2100	2400*2950	3050*4490*2800	1700	4800	90	24	1410	1325	215	803	520	1060	50	51.5	78	124	91	84	19.3	3000

Note: The above parameters are for reference only, and the final sizes are subject to the confirmed civil drawings.

For civil parameters with load greater than 1,600kg and speed greater than 175m/s, please consult the pre-sales technical support department.

Dimensions of machine room Jierun medical elevator (middle split)

Load (kg)	Speed (m/s)	Net dimension of car (mm)	Net door opening (mm)	Net dimension of shaft (mm)	Net width of machine room (mm)	Standard bottom pit depth	floor height	Maximum traveling height	Maximum floors	Positioning dimensions (mm)							Counterweight guide rail spacing (mm)	Rail reaction force (KN)		Pit reaction force (KN)			Machine room bearing force (KN)
		width (A) x depth (B)	width (OP) x depth (OPH)	width (HW) x depth (HD)	width (MRW) xdepth (MRD) xheight(MRH)	S(mm)	K(mm)	Rmax(m)	Layer	L1	L2	L3	L4	L5	L6	S	RR	R1	R2	R3	R4	R5	H
1000	1	1100*2210	1100*2100	2400*2600	3050*4140*2800	1500	4500	50	16	1255	1150	195	653	520	880	0	31	104	84	60	53	13.1	2000
	1.5	1100*2210	1100*2100	2400*2600	3050*4140*2800	1600	4600	75	24	1255	1150	195	653	520	880	0	31	104	84	60	53	13.1	2000
	1.75	1100*2210	1100*2100	2400*2600	3050*4140*2800	1700	4700	90	24	1255	1150	195	653	520	880	0	31	104	84	60	53	13.1	2000
1150	1	1200*2200	1100*2100	2400*2600	3050*4140*2800	1500	4600	50	16	1280	1215	105	703	520	940	0	41	72	112	82	60	17.5	3000
	1.5	1200*2200	1100*2100	2400*2600	3050*4140*2800	1600	4700	75	24	1280	1215	105	703	520	940	0	41	72	112	82	60	17.5	3000
	1.75	1200*2200	1100*2100	2400*2600	3050*4140*2800	1700	4800	90	24	1280	1215	105	703	520	940	0	41	72	112	82	60	17.5	3000
1350	1	1300*2300	1100*2100	2600*2700	3100*4190*2800	1500	4600	50	16	1300	1245	105	753	520	990	0	41	72	112	82	60	17.5	3000
	1.5	1300*2300	1100*2100	2600*2700	3100*4190*2800	1600	4700	75	24	1300	1245	105	753	520	990	0	41	72	112	82	60	17.5	3000
	1.75	1300*2300	1100*2100	2600*2700	3100*4190*2800	1700	4800	90	24	1300	1245	105	753	520	990	0	41	72	112	82	60	17.5	3000
1600	1	1400*2400	1100*2100	2500*2800	3150*4340*2800	1500	4600	50	16	1375	1320	105	803	520	1060	0	51.5	78	124	91	84	19.3	3000
	1.5	1400*2400	1100*2100	2500*2800	3150*4340*2800	1600	4700	75	24	1375	1320	105	803	520	1060	0	51.5	78	124	91	84	19.3	3000
	1.75	1400*2400	1100*2100	2500*2800	3150*4340*2800	1700	4800	90	24	1375	1320	105	803	520	1060	0	51.5	78	124	91	84	19.3	3000

Note: The above parameters are for reference only, and the final sizes are subject to the confirmed civil drawings.
For civil parameters with load greater than 1,600kg and speed greater than 175m/s, please consult the pre-sales technical support department.

Standard dimensions of machine-room-less Jierun medical elevator (lateral opening)

Load (kg)	Speed (m/s)	Net dimension of car (mm)	Net door opening (mm)	Net dimension of shaft (mm)	Net width of machine room (mm)	Standard bottom pit depth	floor height	Maximum traveling height	Maximum floors	Positioning dimensions (mm)									Counterweight guide rail spacing (mm)	Rail reaction force (KN)		Pit reaction force (KN)		Machine room bearing force (KN)
		width (A) x depth (B)	width (OP) x depth (OPH)	width (HW) x depth (HD)	width (MRW) x depth (MRD)x height(MRH)	S(mm)	K(mm)	Rmax(m)	Layer	L1	L2	L3	L4	L5	L6	L7	L8	OPS	RR	R1	R2	R3	R4	H
1350	1	1300*2300*2400	1200*2100	2300*2850	1400*2200	1500	4700	50	16	1290	1350	210	—	325	995	980	1320	50	44	78	124	91	48	20
	1.5	1300*2300*2400	1200*2100	2300*2850	1400*2200	1600	4850	75	32	1290	1350	210	—	325	995	980	1320	50	44	78	124	91	48	20
	1.75	1300*2300*2400	1200*2100	2300*2850	1400*2200	1700	4900	90	32	1290	1350	210	—	325	995	980	1320	50	44	78	124	91	48	20
1600	1	1400*2400*2400	1300*2100	2400*2950	1500*2200	1500	4700	50	16	1340	1400	210	—	325	1045	1030	1370	50	44	78	124	91	48	20
	1.5	1400*2400*2400	1300*2100	2400*2950	1500*2200	1600	4850	75	32	1340	1400	210	—	325	1045	1030	1370	50	44	78	124	91	48	20
	1.75	1400*2400*2400	1300*2100	2400*2950	1500*2200	1700	4900	90	32	1340	1400	210	—	325	1045	1030	1370	50	44	78	124	91	48	20

Standard dimensions of machine-room-less Jierun medical elevator (middle split)

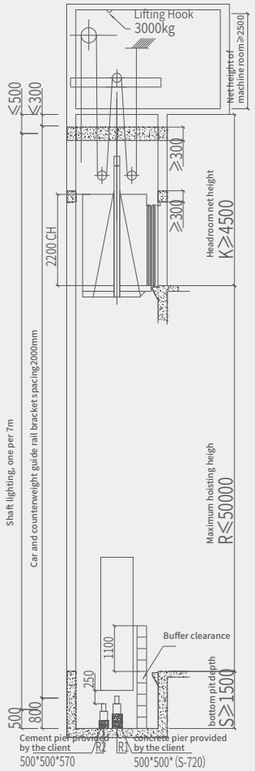
Load (kg)	Speed (m/s)	Net dimension of car (mm)	Net door opening (mm)	Net dimension of shaft (mm)	Net width of machine room (mm)	Standard bottom pit depth	floor height	Maximum traveling height	Maximum floors	Positioning dimensions (mm)									Counterweight guide rail spacing (mm)	Rail reaction force (KN)		Pit reaction force (KN)		Machine room bearing force (KN)
		width (A) x depth (B)	width (OP) x depth (OPH)	width (HW) x depth (HD)	width (MRW) x depth (MRD)x height(MRH)	S(mm)	K(mm)	Rmax(m)	Layer	L1	L2	L3	L4	L5	L6	L7	L8	OPS	RR	R1	R2	R3	R4	H
1350	1	1300*2300*2400	1100*2100	2500*2700	1300*2200	1500	4600	50	16	1245	1350	105	—	275	995	1230	1270	0	44	78	124	91	48	20
	1.5	1300*2300*2400	1100*2100	2500*2700	1300*2200	1600	4800	75	32	1245	1350	105	—	275	995	1230	1270	0	44	78	124	91	48	20
	1.75	1300*2300*2400	1100*2100	2500*2700	1300*2200	1700	4850	90	32	1245	1350	105	—	275	995	1230	1270	0	44	78	124	91	48	20
1600	1	1400*2400*2400	1100*2100	2500*2800	1300*2200	1500	4600	50	16	1295	1400	105	—	275	1045	1180	1320	0	44	78	124	91	48	20
	1.5	1400*2400*2400	1100*2100	2500*2800	1300*2200	1600	4800	75	32	1295	1400	105	—	275	1045	1180	1320	0	44	78	124	91	48	20
	1.75	1400*2400*2400	1100*2100	2500*2800	1300*2200	1700	4850	90	32	1295	1400	105	—	275	1045	1180	1320	0	44	78	124	91	48	20

Note: The above parameters are for reference only, and the final sizes are subject to the confirmed civil drawings.
For civil parameters with load greater than 1,600kg and speed greater than 175m/s, please consult the pre-sales technical support department.

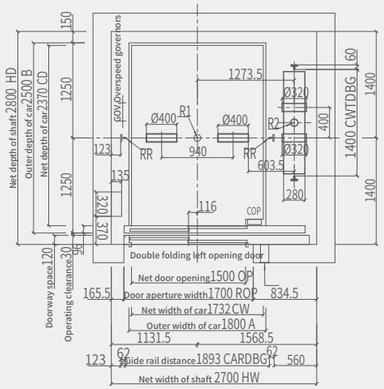
Jieda Series, Cargo Elevator machine room right placement lateral opening civil diagram

2000kg 0.5~1.5m/s

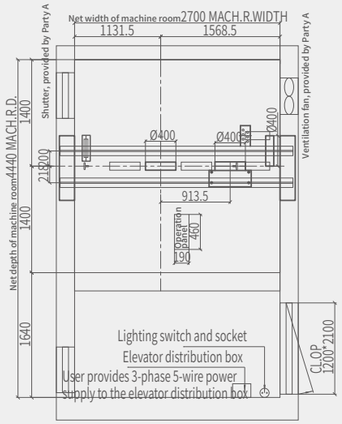
Shaft Rendering



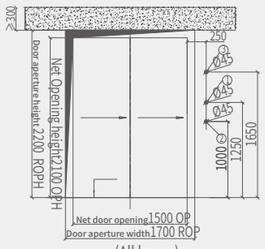
Shaft Plan



Machine Room Plan

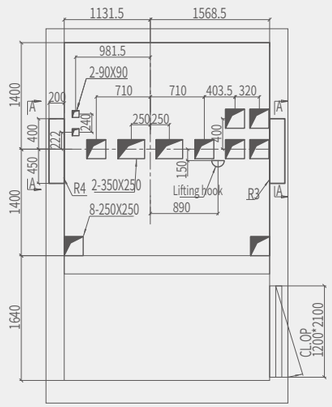


Hall Door Diagram



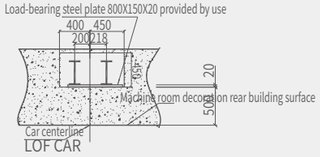
(All layers)

1:Button and display
2:Elevator stop switch, only set at the base station, no hole reserved for other floors
3:Fire switch (if firefighting function is available) , only set at the base station, no hole reserved for other floors
(recommend Party A to use inner diameter PVC pipe for reserving call wiring hole)



Machine room hole diagram

Bull Leg Detailed Diagram



A-ALoad-bearing hole

Support reaction force (KN)

R1	R2	R3	R4	RR
100	60	188	148	75.5

Technical parameters

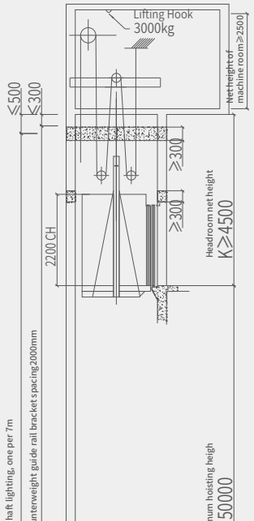
Load	Speed	Minimum floor spacing	Main motor power	Rated current	Maximum current	Power supply	Lighting and signal power supply
2000kg	0.5m/s	OPH+650mm	6.1KW	14A	28A	380V three-phase five-wire 50HZ	220V 50HZ

Note: This diagram is not to scale

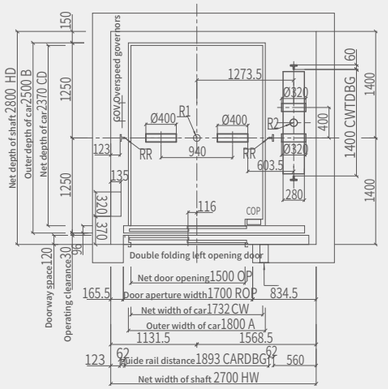
Jieda Series, Cargo Elevator machine room right placement lateral opening run-through civil drawing

2000kg 0.5~1.5m/s

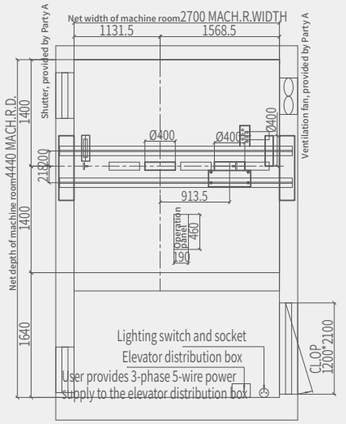
Shaft Rendering



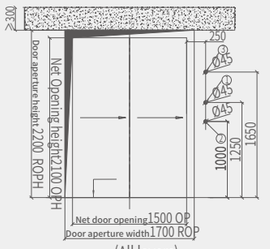
Shaft Plan



Machine Room Plan

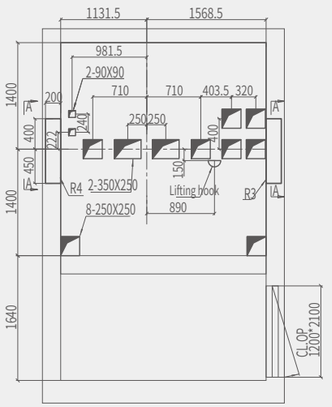


Hall Door Diagram



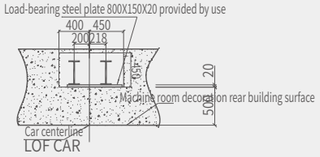
(All layers)

1:Button and display
2:Elevator stop switch, only set at the base station, no hole reserved for other floors
3:Fire switch (if firefighting function is available) , only set at the base station, no hole reserved for other floors
(recommend Party A to use inner diameter PVC pipe for reserving call wiring hole)



Machine room hole diagram

Bull Leg Detailed Diagram



A-ALoad-bearing hole

Support reaction force (KN)

R1	R2	R3	R4	RR
188	148	126	126	75.5

Technical parameters

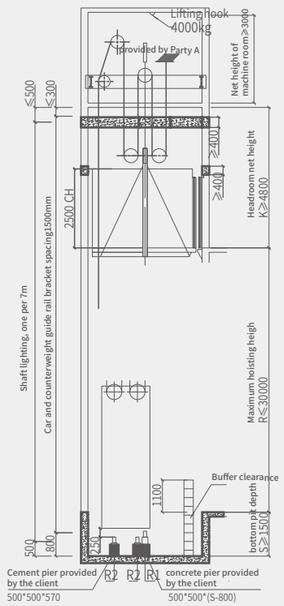
Load	Speed	Minimum floor spacing	Main motor power	Rated current	Maximum current	Power supply	Lighting and signal power supply
2000kg	1m/s	OPH+650mm	12.3KW	28.3A	56.6A	380V three-phase five-wire 50HZ	220V 50HZ
2000kg	1.5m/s	OPH+650mm	18.4KW	42.3A	84.6A	380V three-phase five-wire 50HZ	220V 50HZ

Note: This diagram is not to scale

Jieda Series, Cargo Elevator Machine Room Right Placement Middle Split Double Folding Civil Drawing

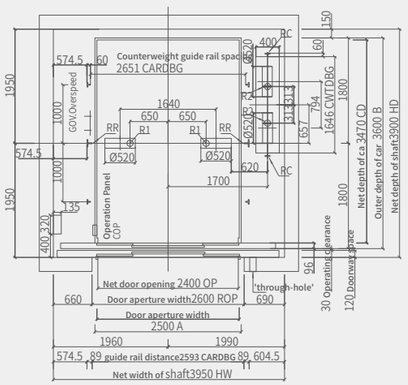
5000kg 0.5~1.5m/s

Shaft Rendering

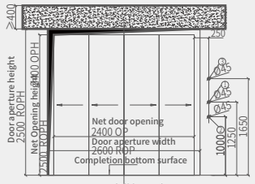


Note: This diagram is not to scale

Shaft Plan



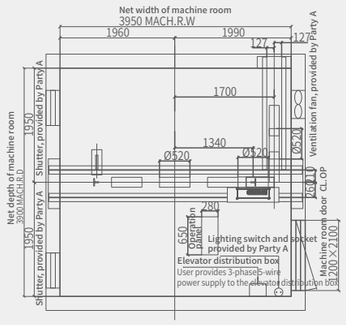
Hall Door Diagram



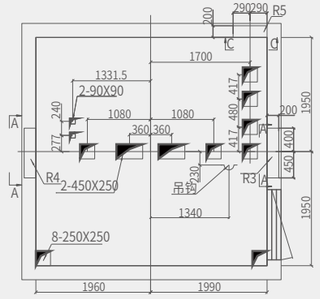
(All layers)

1:Button and display
2:Elevator stop switch, only set at the base station, no hole reserved for other floors
3:Fire switch (if firefighting function is available) , only set at the base station, no hole reserved for other floors
(recommend Party A to use inner diameter PVC pipe for reserving call wiring hole)

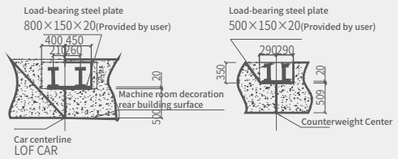
Machine Room Plan



Machine Room Hole Diagram

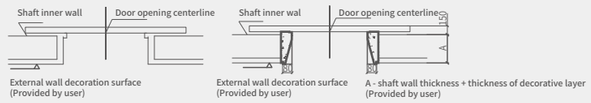


Load-bearing hole



A-ALoad-bearing hole C-CLoad-bearing hole

Small door set schematic



Small door set schematic Big door set schematic

(Big door set parameter table to be prepared while making)

Support reaction force (KN)

R1	R2	R3	R4	RR
122	186	180.7	86	96.5

Technical parameters

Load	Speed	Minimum floor spacing	Main motor power	Rated current	Maximum current	Power supply	Lighting and signal power supply
5000kg	0.5m/s	OPH+650mm	15KW	34.5A	69A	380V three-phase five-wire 50HZ	220V 50HZ

Note: This diagram is not to scale

Jieda Series, Cargo Elevator Machine Room Right Placement Middle Split Double Folding Civil Drawing

5000kg 0.5~1.5m/s

Shaft Rendering

Shaft Plan

Machine Room Plan

Hall Door Diagram

Machine Room Hole Diagram

Load-bearing hole

A-ALoad-bearing hole C-CLoad-bearing hole

Small door set schematic

Small door set schematic Big door set schematic

(Big door set parameter table to be prepared while making)

Support reaction force (KN)

R1	R2	R3	R4	RR
188	148	126	126	75.5

Technical parameters

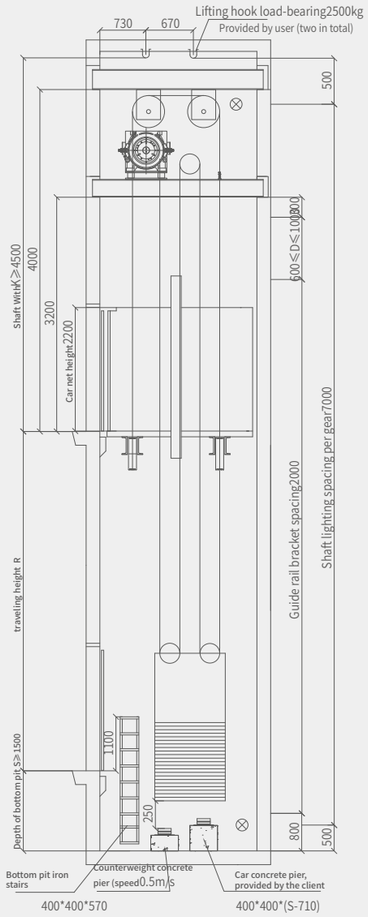
Load	Speed	Minimum floor spacing	Main motor power	Rated current	Maximum current	Power supply	Lighting and signal power supply
5000kg	1.0m/s	OPH+650mm	33.4KW	73A	146A	380V three-phase five-wire 50HZ	220V 50HZ
5000kg	1.5m/s	OPH+650mm	49.1KW	106A	212A	380V three-phase five-wire 50HZ	220V 50HZ

Note: This diagram is not to scale

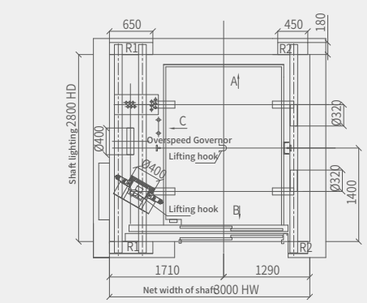
Jieda Series, Cargo Elevator machine-room-less single-through civil drawing

2000kg 0.5~1.0m/s

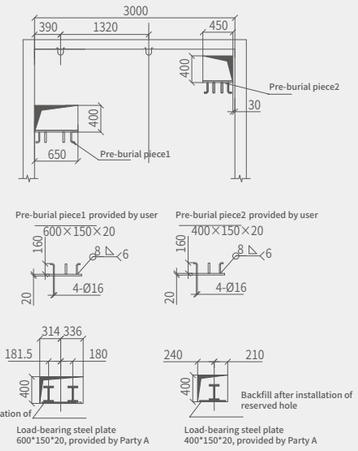
Shaft Rendering



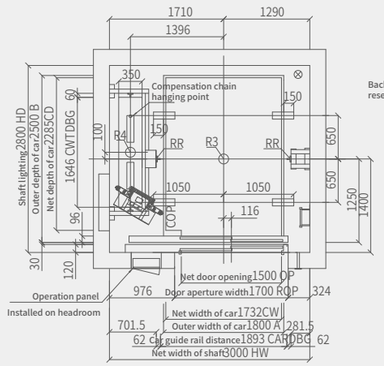
Shaft Plan



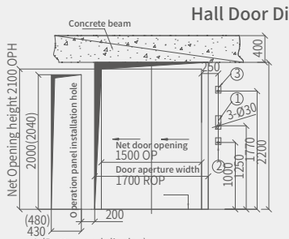
Machine Room Plan



Shaft Plan

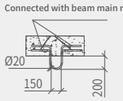


Hall Door Diagram

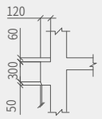


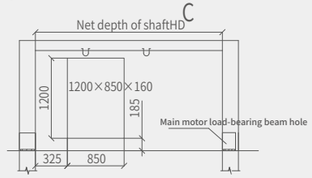
1:(Button and display)
2:(Elevator stop switch, only set at the base station, no hole reserved for other floors)
3:(Fire switch (if firefighting function is available) , only set at the base station, no hole reserved for other floors)

Lifting Hook Detailed Diagram



Bull Leg Detailed Diagram





Support reaction force (KN)

R1	R2	R3	R4	RR
100	60	188	148	75.5

Technical parameters

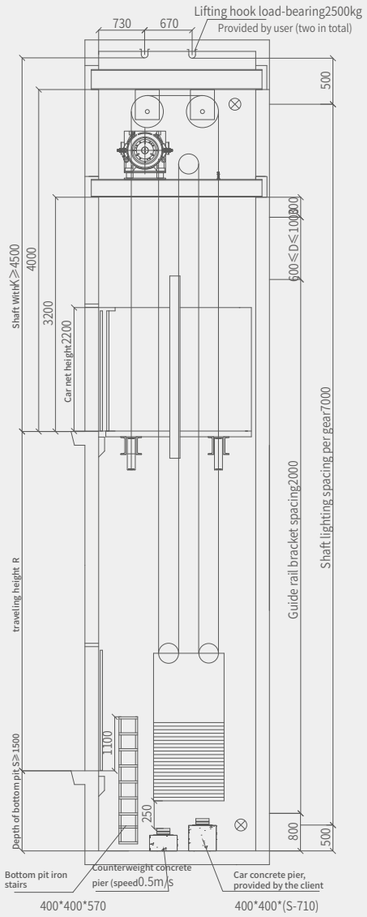
Load	Speed	Minimum floor spacing	Main motor power	Rated current	Maximum current	Power supply	Lighting and signal power supply
2000kg	0.5m/s	OPH+650mm	6.1KW	14A	28A	380V three-phase five-wire 50HZ	220V 50HZ

Note: This diagram is not to scale

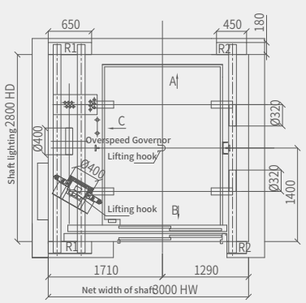
Jieda Series, Cargo Elevator machine-room-less double-pass civil drawing

2000kg 0.5~1.0m/s

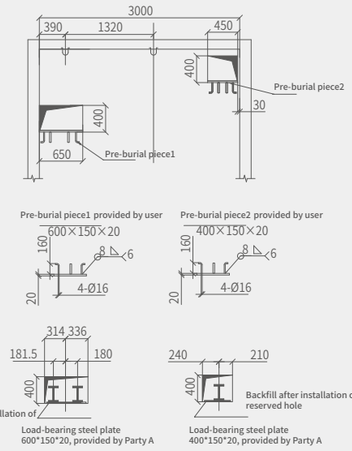
Shaft Rendering



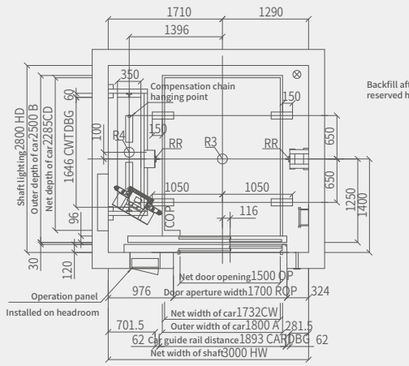
Shaft Plan



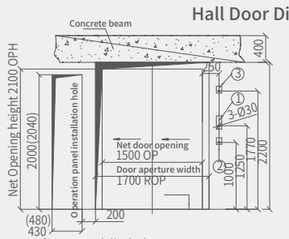
Machine Room Plan



Shaft Plan

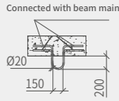


Hall Door Diagram

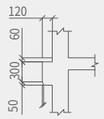


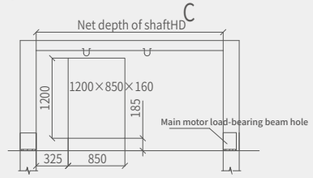
1:(Button and display)
2:(Elevator stop switch, only set at the base station, no hole reserved for other floors)
3:(Fire switch (if firefighting function is available) , only set at the base station, no hole reserved for other floors)

Lifting Hook Detailed Diagram



Bull Leg Detailed Diagram





Support reaction force (KN)

R1	R2	R3	R4	RR
188	148	126	126	75.5

Technical parameters

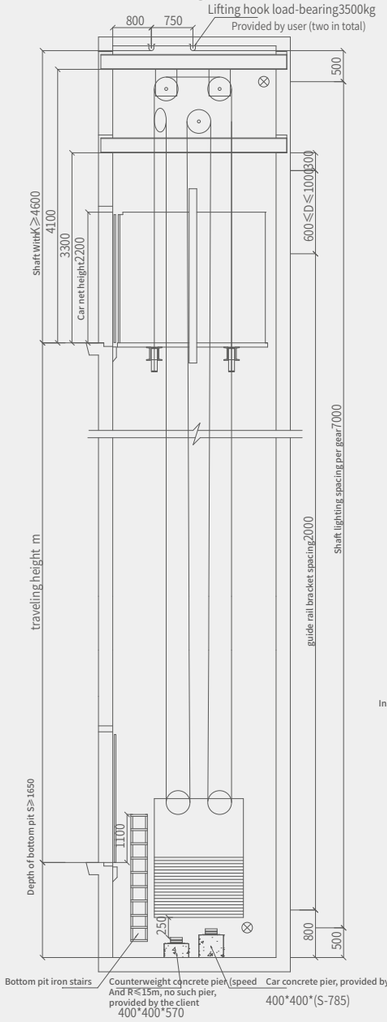
Load	Speed	Minimum floor spacing	Main motor power	Rated current	Maximum current	Power supply	Lighting and signal power supply
2000kg	1m/s	OPH+650mm	12.3KW	28.3A	56.6A	380V three-phase five-wire 50HZ	220V 50HZ

Note: This diagram is not to scale

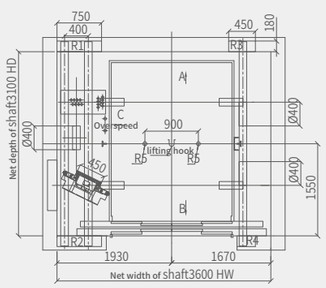
Jieda Series, Cargo Elevator machine-room-less single-through civil drawing

3000kg 0.5~1.0m/s

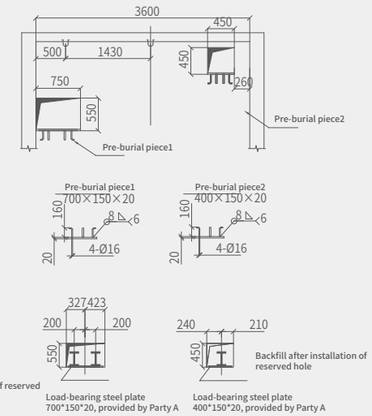
Shaft Rendering



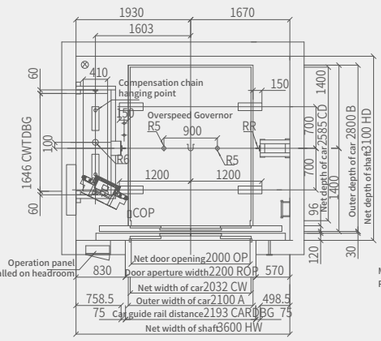
Shaft Plan



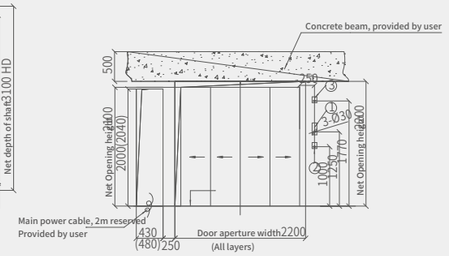
Machine Room Plan



Shaft Plan



Concrete beam, provided by user



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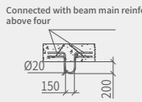
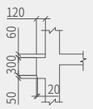
Lifting Hook Detailed Diagram



Bull Leg Detailed Diagram



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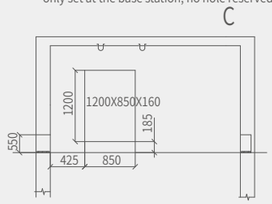


Support reaction force (KN)

R1	R2	R3	R4	R5	R6	RR
173	188	93	93	150	180	124

Technical parameters

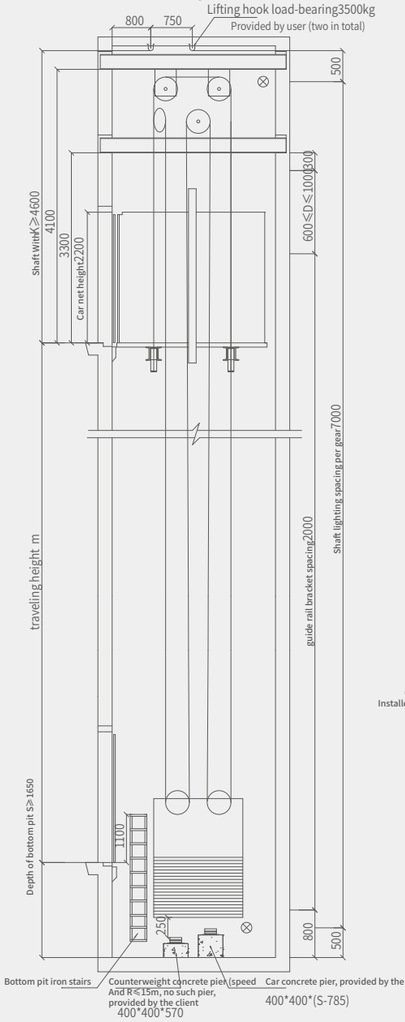
Load	Speed	Minimum floor spacing	Main motor power	Rated current	Maximum current	Power supply	Lighting and signal power supply
3000kg	0.5m/s	OPH+650mm	9.7kw	22A	44A	380V three-phase five-wire	220V50H

Note: This diagram is not to scale

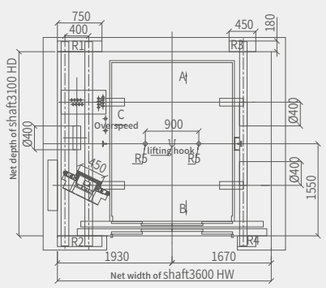
Jieda Series, Cargo Elevator machine-room-less double-pass civil drawing

3000kg 0.5~1.0m/s

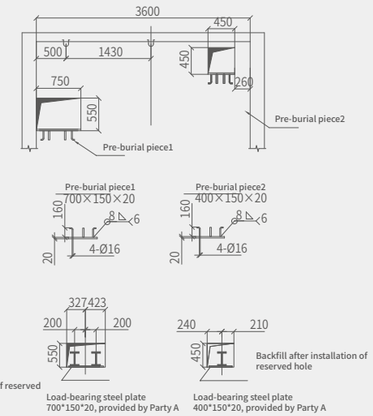
Shaft Rendering



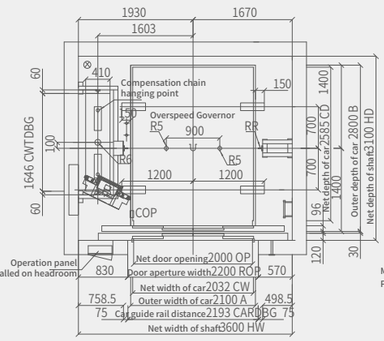
Shaft Plan



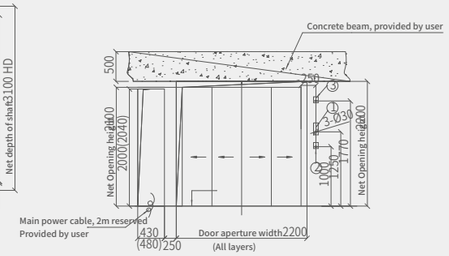
Machine Room Plan



Shaft Plan

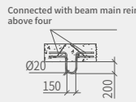


Concrete beam, provided by user

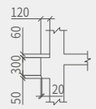


1:(Button and display)
2:(Elevator stop switch, only set at the base station, no hole reserved for other floors)
3:(Fire switch (if firefighting function is available) , only set at the base station, no hole reserved for other floors)

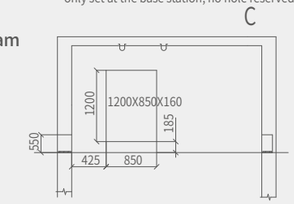
Lifting Hook Detailed Diagram



Bull Leg Detailed Diagram



C



Support reaction force (KN)

R1	R2	R3	R4	R5	R6	RR
173	188	93	93	150	180	124

Technical parameters

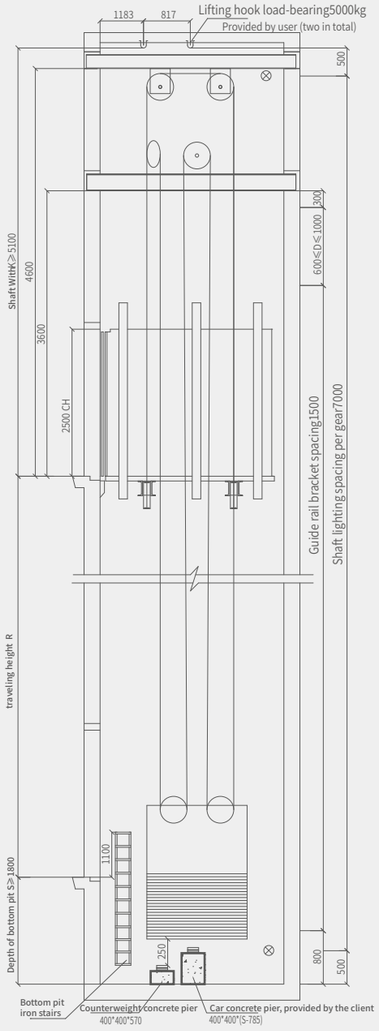
Load	Speed	Minimum floor spacing	Main motor power	Rated current	Maximum current	Power supply	Lighting and signal power supply
3000kg	1m/s	OPH+650mm	19.4kw	43.5A	87A	380V three-phase five-wire	220V50H

Note: This diagram is not to scale

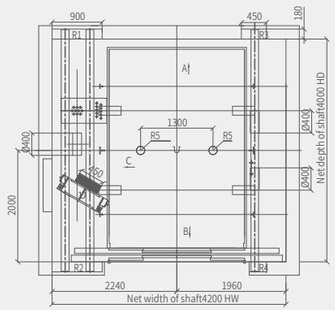
Jieda Series, Cargo Elevator machine-room-less single-through civil drawing

5000kg 0.5~1.0m/s

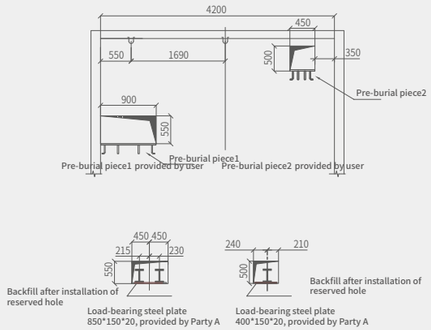
Shaft Rendering



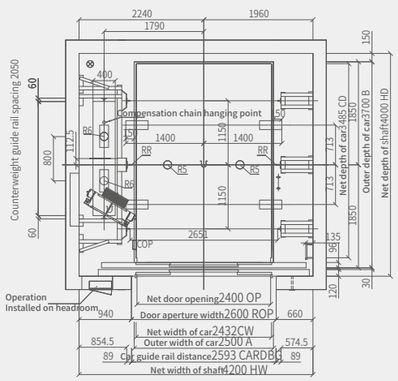
Shaft Plan



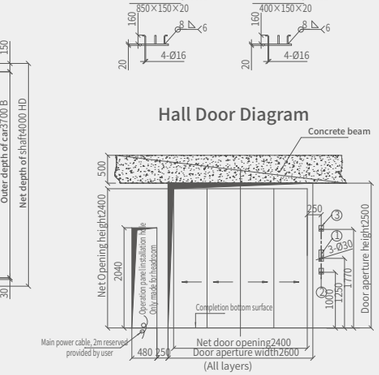
Machine Room Plan



Shaft Plan

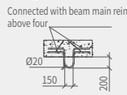


Machine Room Plan

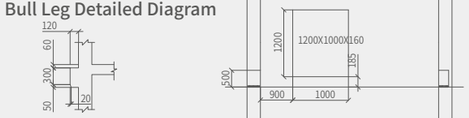


Hall Door Diagram

Lifting Hook Detailed Diagram



Bull Leg Detailed Diagram



Support reaction force (KN)

R1	R2	R3	R4	R5	R6
210	213	86	86	259	259

Technical parameters

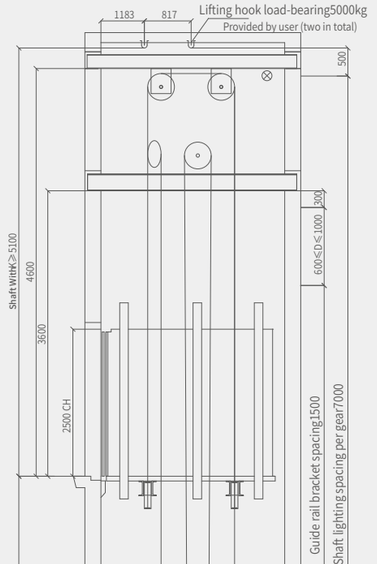
Load	Speed	Minimum floor spacing	Main motor power	Rated current	Maximum current	Power supply	Lighting and signal power supply
5000kg	0.5m/s	OPH+650mm	15KW	34.5A	69A	380V three-phase five-wire 50HZ	220V 50HZ

Note: This diagram is not to scale

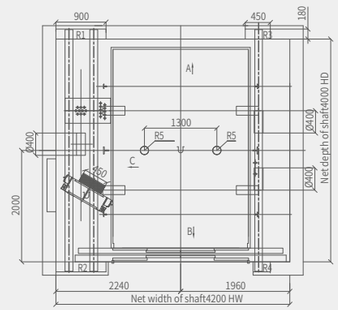
Jieda Series, Cargo Elevator machine-room-less double-pass civil drawing

5000kg 0.5~1.0m/s

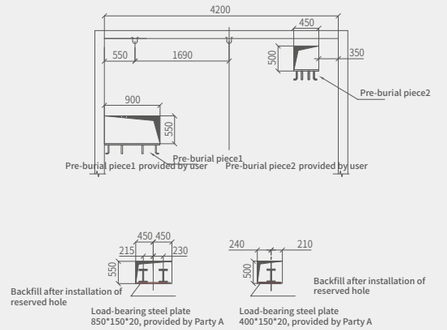
Shaft Rendering



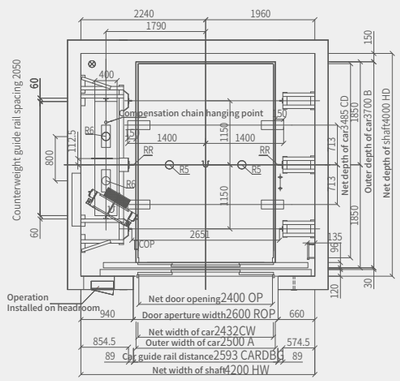
Shaft Plan



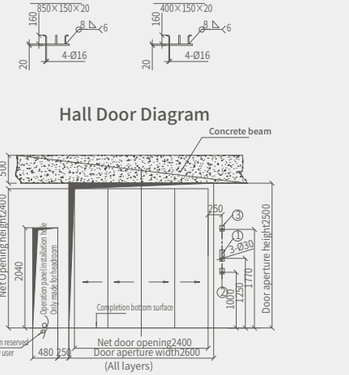
Machine Room Plan



Shaft Plan

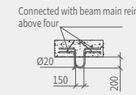


Machine Room Plan

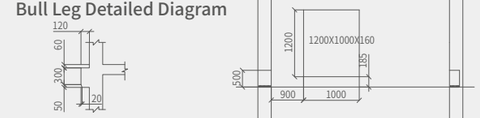


Hall Door Diagram

Lifting Hook Detailed Diagram



Bull Leg Detailed Diagram



Support reaction force (KN)

R1	R2	R3	R4	R5	R6
210	213	86	86	259	259

Technical parameters

Load	Speed	Minimum floor spacing	Main motor power	Rated current	Maximum current	Power supply	Lighting and signal power supply
5000kg	1.0m/s	OPH+650mm	33.4KW	73	146	380V three-phase five-wire 50HZ	220V 50HZ

Note: This diagram is not to scale

Dimensions of Jieda machine room and cargo elevator

Load (kg)	Speed (m/s)	Door opening form	Net size of car mm	Net size of door opening mm	Net size of shaft mm	Standard bottom pit depth mm	Extreme bottom pit depth mm ※	floor height mm	Extreme floor height mm ※	Guide rail bracket spacing mm	machine room height mm	Hook load kg	Maximum traveling height m
2000	0.5	Single-through	1732*2285	1500*2100	2700*2800	1500	1300	4500	4200	2000	2500	3000	30
		Double-through	1732*2138	1500*2100	2700*2800	1500	1300	4500	4200	2000			
	1.0	Single-through	1732*2285	1500*2100	2700*2800	1500	1300	4500	4200	2000			50
		Double-through	1732*2138	1500*2100	2700*2800	1500	1300	4500	4200	2000			
	1.5	Single-through	1732*2285	1500*2100	2700*2800	1500	1350	4600	4400	2000			75
		Double-through	1732*2138	1500*2100	2700*2800	1500	1350	4600	4400	2000			
3000	0.5	Single-through	2032*2670	2000*2100	3450*3100	1500	1350	4800	4200	2000	2500	4000	30
		Double-through	2032*2608	2000*2100	3450*3100	1500	1350	4800	4200	2000			
	1.0	Single-through	2032*2670	2000*2100	3450*3100	1500	1350	4800	4200	2000			50
		Double-through	2032*2608	2000*2100	3450*3100	1500	1350	4800	4200	2000			
	1.5	Single-through	2032*2670	2000*2100	3450*3100	1500	1400	5000	4400	2000			75
		Double-through	2032*2608	2000*2100	3450*3100	1500	1400	5000	4400	2000			
4000	0.25	Single-through	2032*3470	2000*2400	3450*3900	1500	1350	4800	4500	1500	3000	4000	18
		Double-through	2032*3408	2000*2400	3450*3900	1500	1350	4800	4500	1500			
	0.5	Single-through	2032*3470	2000*2400	3450*3900	1500	1350	4800	4500	1500			30
		Double-through	2032*3408	2000*2400	3450*3900	1500	1350	4800	4500	1500			
	1.0	Single-through	2032*3470	2000*2400	3450*3900	1600	1350	4800	4500	1500			50
		Double-through	2032*3408	2000*2400	3450*3900	1600	1350	4800	4500	1500			
	1.5	Single-through	2032*3470	2000*2400	3450*3900	1600	1400	5000	4700	1500			75
		Double-through	2032*3408	2000*2400	3450*3900	1600	1400	5000	4700	1500			
5000	0.25	Single-through	2432*3470	2400*2400	3950*3900	1500	1350	4800	4500	1500	3000	4000	18
		Double-through	2432*3408	2400*2400	3950*3900	1500	1350	4800	4500	1500			
	0.5	Single-through	2432*3470	2400*2400	3950*3900	1500	1350	4800	4500	1500			30
		Double-through	2432*3408	2400*2400	3950*3900	1500	1350	4800	4500	1500			
	1.0	Single-through	2432*3470	2400*2400	3950*3900	1600	1350	4800	4500	1500			50
		Double-through	2432*3408	2400*2400	3950*3900	1600	1350	4800	4500	1500			
	1.5	Single-through	2432*3470	2400*2400	3950*3900	1600	1400	5000	4700	1500			75
		Double-through	2432*3408	2400*2400	3950*3900	1600	1400	5000	4700	1500			

※：When using the limit size, the verticality of the shaft must be considered.
((When the headroom and bottom pit are both under the extreme condition, please consult the pre-sales technical support department)

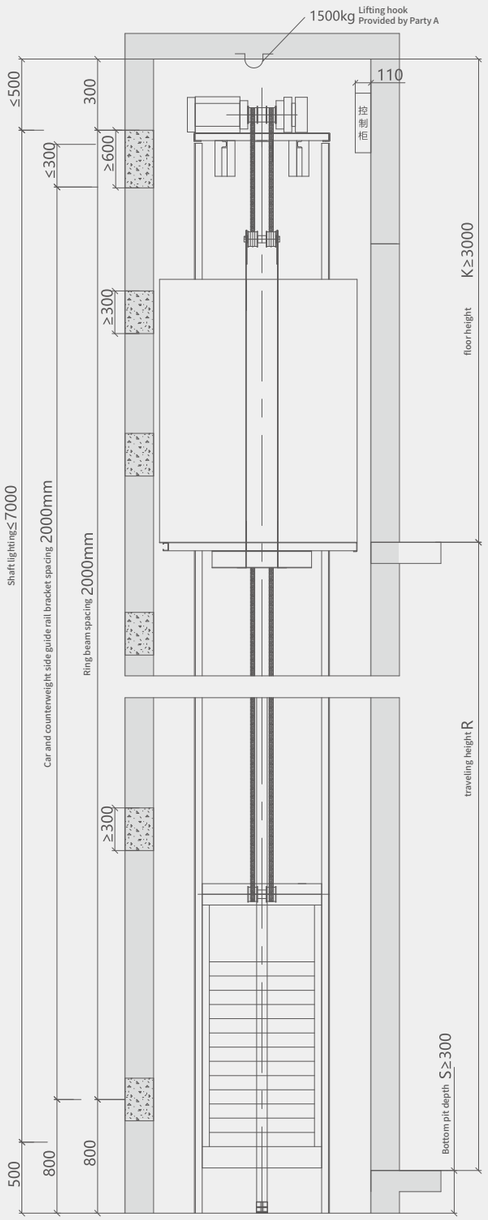
Dimensions of Jieda machine-room-less and cargo elevator

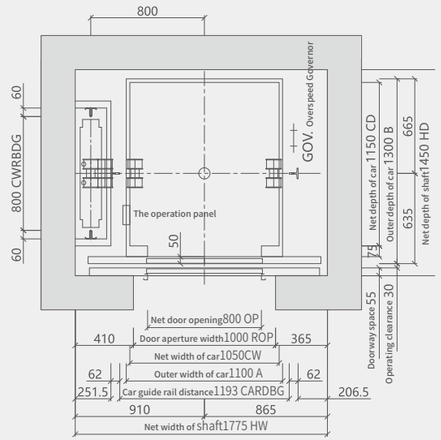
Load (kg)	Speed (m/s)	Door opening form	Net size of car mm	Net size of door opening mm	Net size of shaft mm	Standard bottom pit depth mm	Extreme bottom pit depth mm ※	floor height mm	Extreme floor height mm ※	Guide rail bracket spacing mm	Hook load kg	Maximum traveling height m
2000	0.5	Single-through	1732*2285	1500*2100	3000*2800	1600	1500	4800	4200	2000	3000	30
		Double-through	1732*2138	1500*2100	3000*2800	1600	1500	4800	4200	2000		
	1.0	Single-through	1732*2285	1500*2100	3000*2800	1600	1500	4800	4200	2000		50
		Double-through	1732*2138	1500*2100	3000*2800	1600	1500	4800	4200	2000		
3000	0.5	Single-through	2032*2585	2000*2100	3600*3100	1650	1500	5000	4400	2000	4000	30
		Double-through	2032*2438	2000*2100	3600*3100	1650	1500	5000	4400	2000		
	1.0	Single-through	2032*2585	2000*2100	3600*3100	1650	1500	5000	4400	2000		50
		Double-through	2032*2438	2000*2100	3600*3100	1650	1500	5000	4400	2000		
3000 (六轨)	0.5	Single-through	2000*2870	2000*2400	3600*3300	1650	1500	5000	4400	2000	4000	30
		Double-through	2000*2808	2000*2400	3600*3300	1650	1500	5000	4400	2000		
	1.0	Single-through	2000*2870	2000*2400	3600*3300	1650	1500	5000	4400	2000		50
		Double-through	2000*2808	2000*2400	3600*3300	1650	1500	5000	4400	2000		
4000 (六轨)	0.5	Single-through	2032*3485	2000*2400	3700*4000	1800	1600	5500	4800	1500	5000	30
		Double-through	2032*3338	2000*2400	3700*4000	1800	1600	5500	4800	1500		
	1.0	Single-through	2032*3485	2000*2400	3700*4000	1800	1600	5500	4800	1500		50
		Double-through	2032*3338	2000*2400	3700*4000	1800	1600	5500	4800	1500		
5000 (六轨)	0.5	Single-through	2432*3485	2400*2400	4200*4000	1800	1600	5500	4800	1500	5000	30
		Double-through	2432*3338	2400*2400	4200*4000	1800	1600	5500	4800	1500		
	1.0	Single-through	2432*3485	2400*2400	4250*4000	1800	1600	5500	4800	1500		50
		Double-through	2432*3338	2400*2400	4200*4000	1800	1600	5500	4800	1500		

※：When using the limit size, the verticality of the shaft must be considered.
((When the headroom and bottom pit are both under the extreme condition, please consult the pre-sales technical support department)

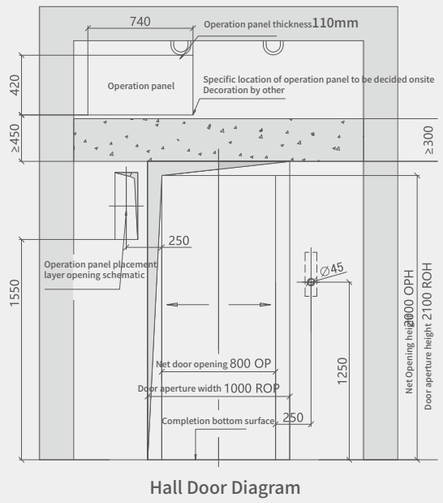
Jieshang Series,home Elevator steel band lateral opening door counterweight Side placement civil drawing

400kg 0.4m/s





Shaft Plan



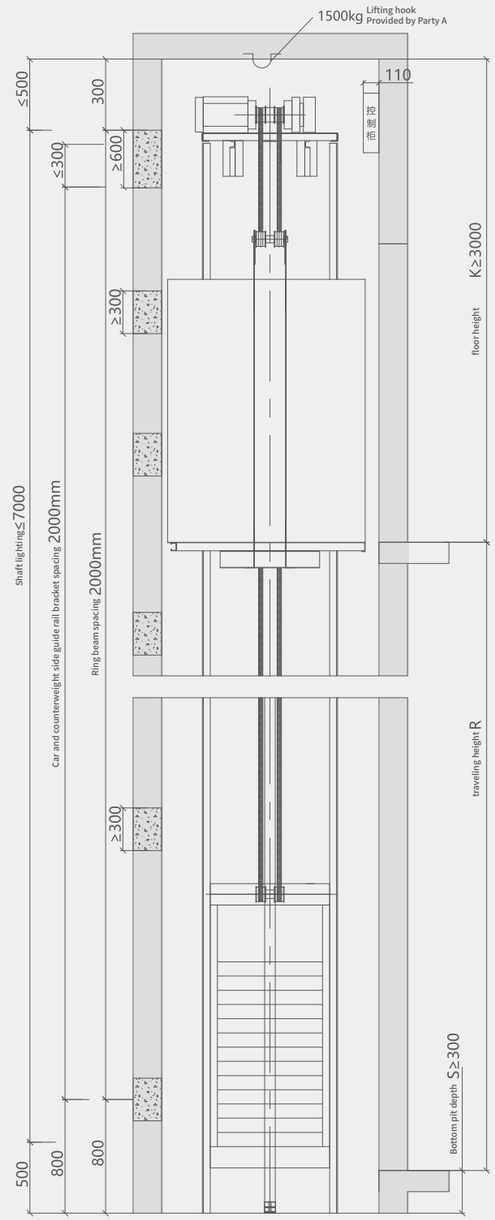
Hall Door Diagram

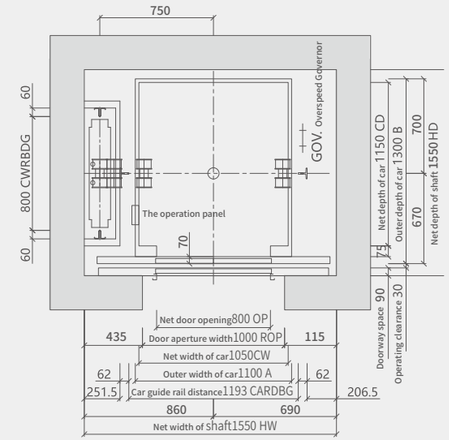
Operation panel installation position socket x2 (Provided by user, wire route≥4mm2)
Reserved telephone line interface (during one button rescue function)
recommend user to adopt inner diameter PVC pipe for reserving wiring hole

Note: This diagram is not to scale

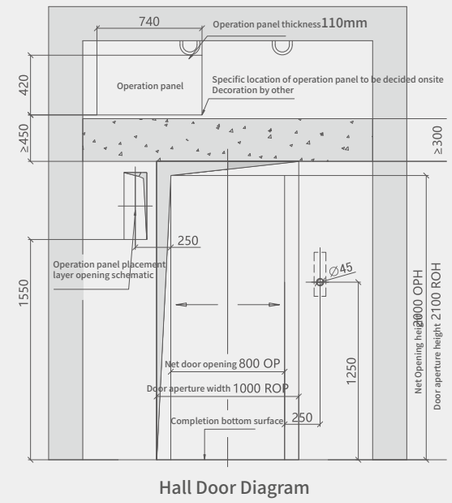
Jieshang Series,home Elevator steel band lateral opening door counterweight Side placement civil drawing

400kg 0.4m/s





Shaft Plan



Hall Door Diagram

Operation panel installation position socket x2 (Provided by user, wire route≥4mm2)
Reserved telephone line interface (during one button rescue function)
recommend user to adopt inner diameter PVC pipe for reserving wiring hole

Note: This diagram is not to scale

Elevator Civil Technical Condition

- All the shaft buildings must meet the fire prevention requirements, and no equipment, power supply and other irrelevant holes should be installed in the shaft.
- The shaft must be vertical, the shaft horizontal dimension is the minimum headroom dimension, and the vertical error is 0 +20mm/0~25m.
- When there is a pit bottom space reachable by personnel, the counterweight buffer can be installed on solid pile piers extending all the way to the solid ground, or ask the elevator manufacturer to install the counterweight safety gear.
- Before elevator installation, all floor door apertures must have a safety protection enclosure with a height of not less than 1.2 m, and should ensure that they need to be able to withstand the forces shown.
- Enclosed shaft is equipped with ventilation holes upon need (generally in the shaft top and bottom), and its area shall not be less than 1% of the horizontal area of the shaft, and the ventilation holes shall be equipped with protective screen.
- Elevator hall door, elevator call display reserved holes and other reserved holes need to be backfilled and decorated when elevator installation is completed.
- The GB code requires that the shaft should have the following mechanical strength, i.e., a force of 300N, uniformly distributed over a circular or square area of 5 m2, acting vertically on any point of the shaft, which should
  a)no permanent deformation
  b)elastic deformation of not more than 15mm
- When the sill distance between two adjacent floor doors exceeds 11m, a safety door shall be set without opening toward the shaft. The safety door size shall not be less than 350mm wide and 1800mm high. The safety door shall be equipped with a key to open the lock. When the door opens, it can be closed and locked without the key. Even in the case of locking, it should be able to open from inside the shaft without the key.
- The bottom pit should be watertight. The trapped water pit, if any, should be located at the wall corner.
- According to the technical parameters table, the power supply should be connected to the machine room with a protected switch and lock. The power supply should not fluctuate by more than ±7%. The power supply neutral wire and grounding wire should be separated and the grounding resistance value should not be greater than 4.
- All loads indicated in the drawings, unless otherwise specified, include impact corrections, and the strength of the wall and pit must be able to withstand the forces shown.
- The user is responsible for the pre-burial steel plates, etc. indicated in the drawings, which need to be set in advance.
- The temperature in the machine room should be maintained at 5-40°C. The machine room should be level and must be able to withstand the force shown of not less than 7.0kN per square meter.
- The user needs to set up a rescue duty room and lay the communication line to the server room. When the route distance is not greater than 500m, lay a six twisted shielding line (3x2x0.75mm). When the distance is greater than 500m, lay a category 5 line, and the floor standard value is uniform live load.

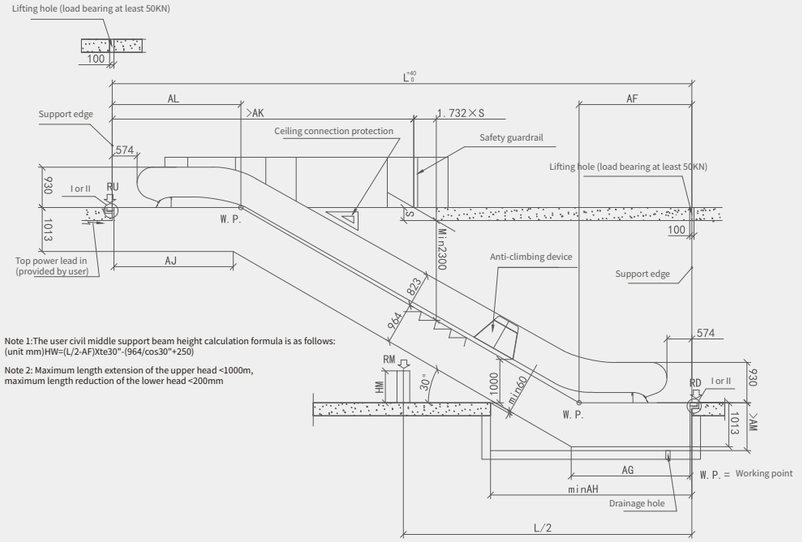
Technical parameters

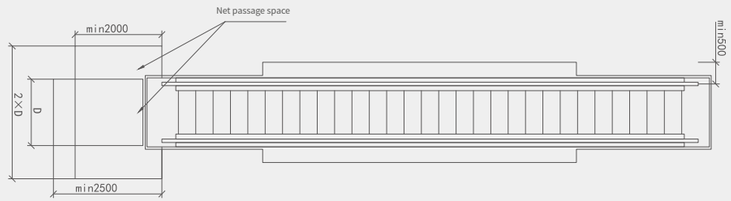
Door opening mode	Counter weight placement	Load (kg)	Speed (m/s)	Net size of car (mm)	Net size of door opening (mm)	Net size of shaft (mm)	Bottom pit depth (mm)	Extreme pit size without buffer	Extreme pit size with buffer	floor height (mm)	Extreme floor height	Maximum traveling height (m)	Maximum floors
				width (CW) x depth(CD)	width (OP) x height (OPH)	width (HW) x depth(HD)	S	(mm) ※	(mm) ※	K	(mm) ※	R max	Layer
Middle split door	Side placement	250	0.4	950×1050	700×2000	1625×1350	≥300	≥150	≥250	≥3000	≥2950	12	5
		320		1050×1100	800×2000	1775×1400							
		400		1050×1150	800×2000	1775×1450							
	Rear placement	250	0.4	1050×900	700×2000	1500×1400	≥300	≥150	≥250	≥3000	≥2950	12	5
		320		1100×950	800×2000	1700×1450							
		400		1100×1000	800×2000	1700×1500							
Lateral opening door	Side placement	250	0.4	850×1050	700×2000	1450×1400	≥300	≥150	≥250	≥3000	≥2950	12	5
		320		950×1100	800×2000	1550×1450							
		400		950×1200	800×2000	1550×1550							
	Rear placement	250	0.4	950×950	700×2000	1400×1500	≥300	≥150	≥250	≥3000	≥2950	12	5
		320		1050×1000	800×2000	1550×1550							
		400		1050×1050	800×2000	1550×1600							

※：When using the limit size, the verticality of the shaft must be considered.
((When the headroom and bottom pit are both under the extreme condition, please consult the pre-sales technical support department)

Jiexun series, Escalator and moving walk 30° single (escalator) civil drawing

Please refer to the formal civil drawing



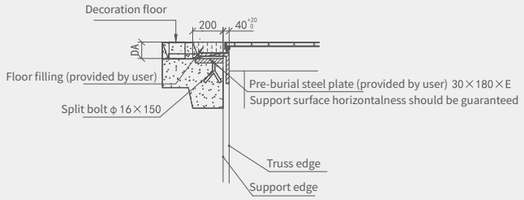


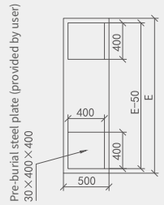
H	Number of flat ladder	A	B	C	D	E	AF	AG	AH	AJ	AK	AL	L	AM	DA
3000 ≤ H ≤ 6000	2	600	837	1100	1130	1240	2185	2342	4270	2843	7034	3080	1.732H+5265	Outdoor B pack=1360 Oil-water separator	With damping pad = 135
		800	1037	1300	1330	1440				2343	6534	2580	1.732H+4765		
		1000	1237	1500	1530	1640				2343	6534	2580	1.732H+4765		

Explanation: The above parameters are for reference only, and the final dimensions are subject to the civil engineering confirmation drawing.

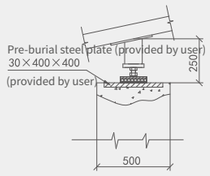
Detail I

Standard support diagram





Middle support detailed diagram (top view)



Middle support detailed diagram

⚠ Work to be done by the owner and civil contractor

- This diagram applies to the lifting height Hs 8m, and the allowable deviation is -15mm ~ +15mm.
  When the horizontal span L>15.3m, add 1 middle support, and the position is basically centered.
- Before installation, all holes must be equipped with a safety protection enclosure of not less than 1.2m in height, and sufficient strength should be
- guaranteed The bottom pit should be watertight and the drainage holes should be located at the wall corner.
- According to the technical parameters table, the power supply should be connected to the machine room with a protected switch and lock. The power supply should not fluctuate by more than 7%. The power supply neutral wire and grounding wire should be separated and the grounding resistance value should not be greater than 4.
- When the distance between the handrail centerline and any obstacle is less than 500mm, the user needs to set up a vertical anti-impact baffle without sharp edges above the outer cover, and the height should not be less than 300mm.
- If the user has special requirements, the technical approval of the manufacturer is required before signing the contract.

Support reaction force (KN)

L :m

Stair step width	1000	800	600
2 support points	RU=4.96L+17	RU=4.31L+18	RU=3.66L+27
	RD=4.96L+10	RD=4.31L+10	RD=3.66L+22
3 support points	RU=2.3L+13.6	RU=2.02L+13.2	—
	RD=2.3L+7.1	RD=2.02L+6.8	—
	RM=7.16L+4.9	RM=6.33L+4.8	—

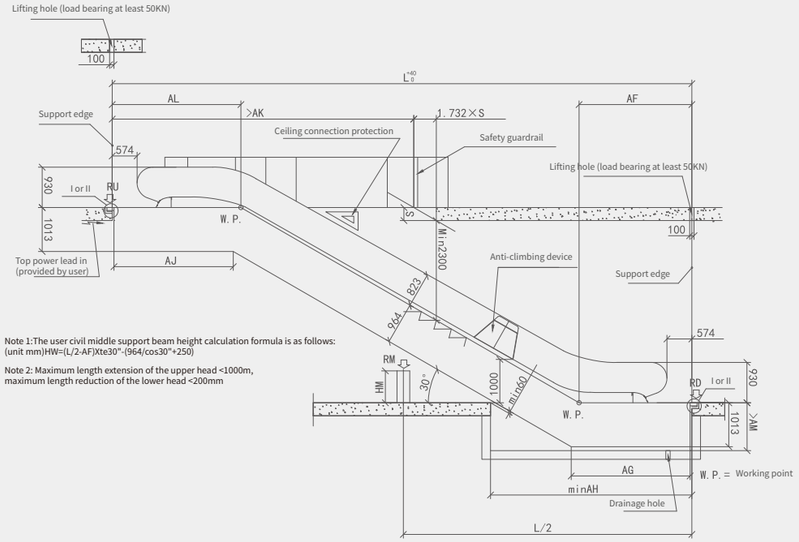
Motor parameter

Rated speed (m/s)	Motor type	Main motor power (KW)	30°Maximum traveling height 1000	Stair step width (mm) 800
0.5	FJ125/160	7.5	4.7	6.0
		9	6.0	7.6
		11	6.9	9
		13	8.3	—

Note: When the altitude exceeds 1,000m and ambient temperature is more than 35°C, make calculation according to the discount coefficient (determined by the manufacturer)

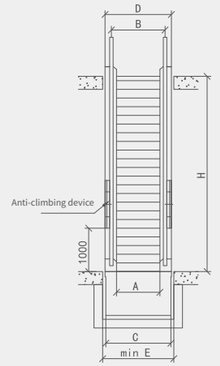
Jiexun Series, Stairs And Sidewalk 35° single elevator (escalator) civil drawing

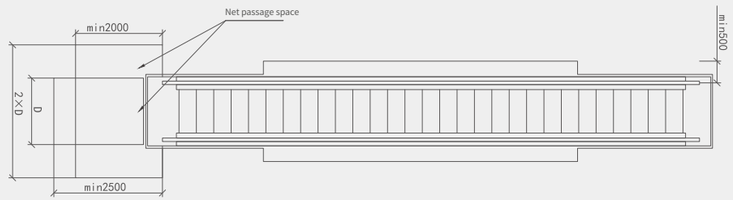
Please refer to the formal civil drawing



Note 1:The user civil middle support beam height calculation formula is as follows:
(unit mm)HW=(L/2-AF)Xte30°-(964/cos30°+250)

Note 2: Maximum length extension of the upper head <1000m, maximum length reduction of the lower head <200mm



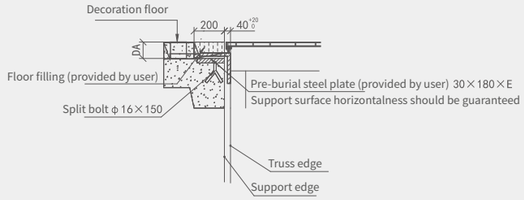


A	B	C	D	E	AJ	AK	AL	L	AM	AD
600	837	1100	1130	1240	2846	6435	3141	1.428H+5405	Indoor and outdoor A pack =1110	without damping pad =115
800	1037	1300	1330	1440	2346	5935	2641	1.428H+4905	Outdoor B pack with oil-water separator=1360	with damping pad =135
1000	1237	1500	1530	1640						

Explanation: The above parameters are for reference only, and the final dimensions are subject to the civil engineering confirmation drawing.

Detail I

Standard support diagram



⚠ Work to be done by the owner and civil contractor

- This diagram applies to the lifting height Hs 6m, and the allowable deviation is -15mm ~ +15mm.
  When the horizontal span L>15.3m, add 1 middle support, and the position is basically centered.
- Before installation, all holes must be equipped with a safety protection enclosure of not less than 1.2m in height, and sufficient strength should be
- guaranteed The bottom pit should be watertight and the drainage holes should be located at the wall corner.
- According to the technical parameters table, the power supply should be connected to the machine room with a protected switch and lock. The power supply should not fluctuate by more than 7%. The power supply neutral wire and grounding wire should be separated and the grounding resistance value should not be greater than 4.
- When the distance between the handrail centerline and any obstacle is less than 500mm, the user needs to set up a vertical anti-impact baffle without sharp edges above the outer cover, and the height should not be less than 300mm.
- If the user has special requirements, the technical approval of the manufacturer is required before signing the contract.

Support reaction force (KN)

L : m

Stair step width	1000	800	600
H ≤ 6000 2 support points	RU=5.11L+13	RU=4.11L+15	RU=3.76L+18
	RD=5.11L+5	RD=4.11L+9	RD=3.76L+12

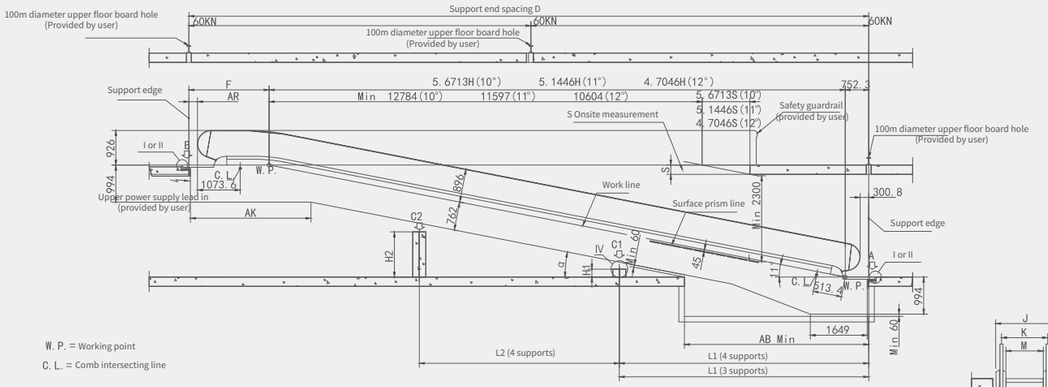
Motor parameter

Rated speed (m/s)	Motor type	Main motor power (KW)	35°maximum traveling height stair step width(mm)		
			1000	800	600
0.5	FJ125/160	7.5	4.7	6.0	6.0
		9	6.0	—	—

Note: When the altitude exceeds 1,000m and ambient temperature is more than 35°C, make calculation according to the discount coefficient (determined by the manufacturer)

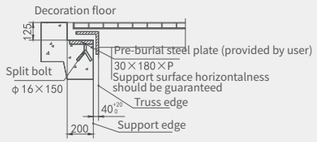
Jiexun series | Escalator and moving walk 10-12° single (moving walk) civil drawing

Please refer to the formal civil drawing



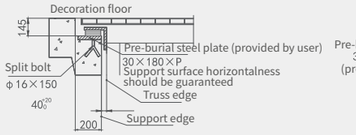
Detail I

Standard support diagram

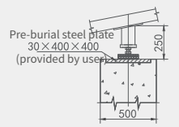


Detail II

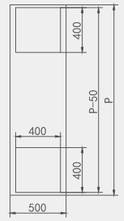
Support diagram with anti-vibration rubber mat or TEFLON slip mat



Detail IV



middle support detailed diagram (top view) as above



Note: In principle, the truss is not extended and shortened. If it is really necessary, the marketing department is asked to draw it according to the scale when doing civil construction.
*In some special cases, such as span extension, loading more than 200N/m, or when considering the impact caused by wind or earthquake, please contact the development department.
All gaps between sidewalks and buildings must be filled with elastic material. (provided by user).
Use 10mm² multi-strand flexible wire as the power entry cable. (provided by user)

Tilting angle	Type	J	K	M	Pmin	Q	F	AB	AK	AR	D	Middle support beam heigh		
												3 supports	4 supports	
												H1	H1	H2
10°	800	1330	1037	805	1430	1300	2113.8	5587.8	3198	296.8	(5.6713H+2865.8) +40 0	(L1-752.3)x0.1763-1024	(L1-752.3)x0.1763-1024	(L1+L2-752.3)x0.1763-1024
	1000	1530	1237	1007	1630	1500								
11°	800	1330	1037	805	1430	1300	2149.8	5060.3	3230	300.8	(5.1446H+2901.8) +40 0	(L1-752.3)x0.1944-1027	(L1-752.3)x0.1944-1027	(L1+L2-752.3)x0.1944-1027
	1000	1530	1237	1007	1630	1500								
12°	800	1330	1037	805	1430	1300	2185.8	4632.8	3262	304.8	(4.7046H+2937.8) +40 0	(L1-752.3)x0.2126-1030	(L1-752.3)x0.2126-1030	(L1+L2-752.3)x0.2126-1030
	1000	1530	1237	1007	1630	1500								

Explanation: The above parameters are for reference only, and the final dimensions are subject to the civil engineering confirmation drawing.

Work to be done by the owner and civil contractor

- This diagram applies to the lifting height Hs 6m, and the allowable deviation is -15mm ~ +15mm.

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- If the user has special requirements, the technical approval of the manufacturer is required before signing the contract.

Support reaction force (KN)

Tread width	800 mm				1000 mm			
Support quantity	A	B	C1	C2	A	B	C1	C2
2 support points	4.25D+8.2	4.25D+18	—	—	4.9D+6.2	4.9D+14	—	—
3 support points	1.9D+8	1.9D+17	5.2D+8.2	—	2.2D+5	2.2D+14	6.1D+4.2	—
4 support points	1.3D+9	1.3D+17	3.1D+9.2	3.1D+10	1.5D+6	1.5D+15	3.45D+5	3.45D+5.2

Motor parameter

Rated speed (m/s)	Motor type	Main motor power (KW)	traveling height(m)					
			Tilting angle 10°		Tilting angle 11°		Tilting angle 12°	
			800	1000	800	1000	800	1000
0.5	FJ160/CRW160	13	7.4	6.5	7.7	6.7	7.9	6.8
		11	6.2	5.4	6.4	5.6	6.6	5.7
		9.5/9	5.0	4.3	5.1	4.4	5.3	4.6
		7.5	4.0	3.5	4.2	3.6	4.3	3.7

Explanation: The above parameters are for reference only, and the final dimensions are subject to the civil engineering confirmation drawing.