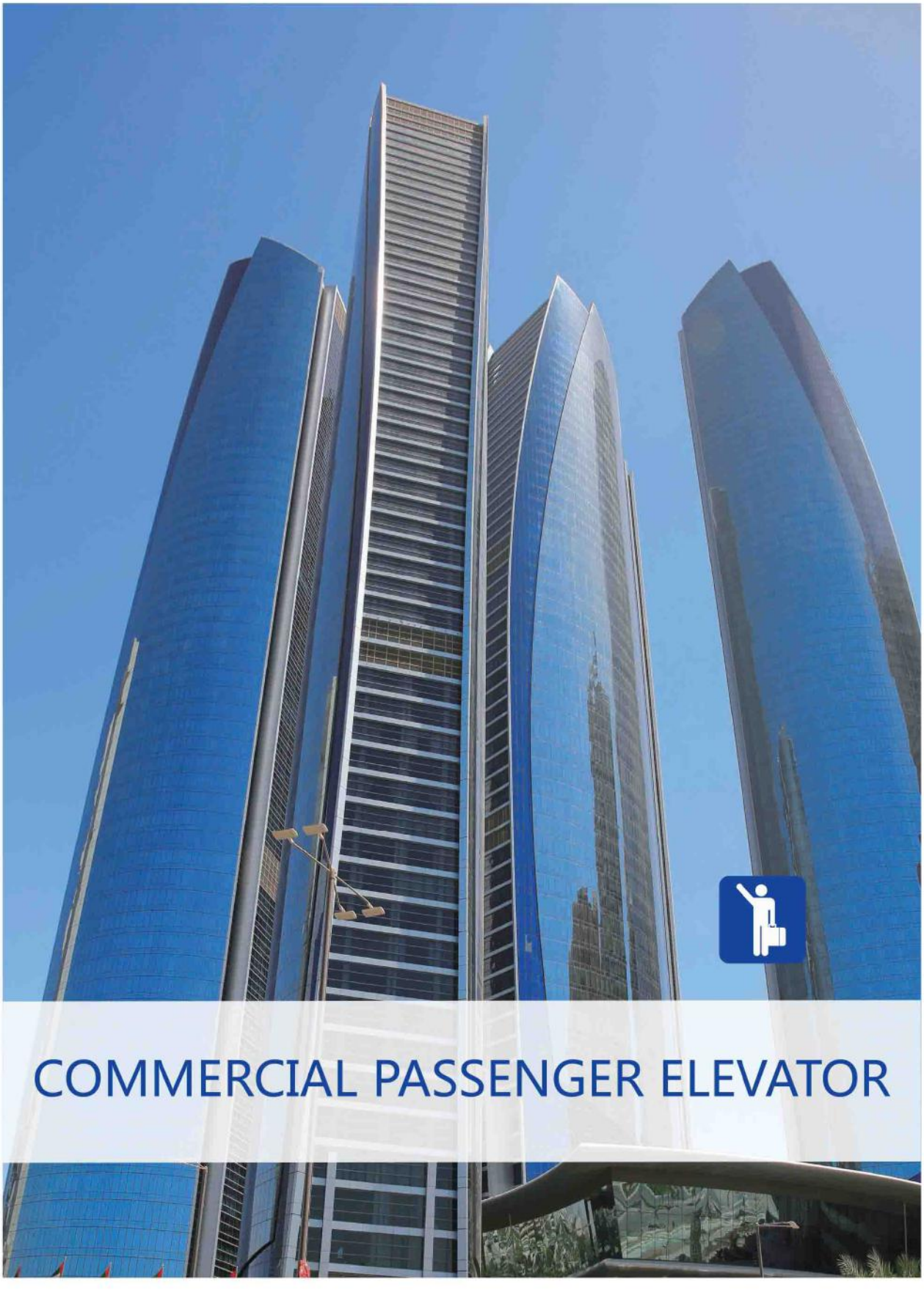


COMMERCIAL PASSENGER ELEVATOR

Commercial Passenger Elevator

Intelligent product with peak value

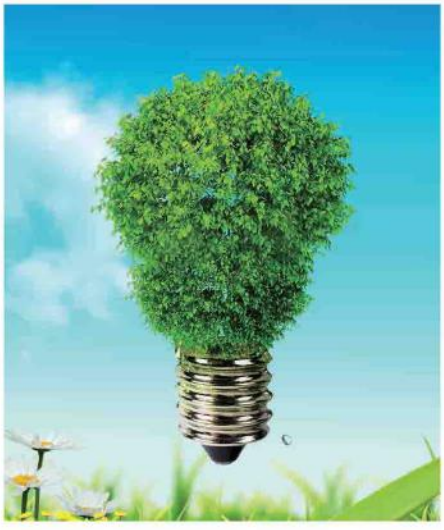
Schumacher commercial passenger elevator is a modern intelligent elevator that integrates intelligence,humanism and science.Widely used in office building,hotel,business center,hospital and other places with high passenger flow,it can bring convenience and enjoyment to your high-efficiency life.

The safe,accurate and guaranteed position control system

Advanced sensors on the motor rotor movement for high precision real time signal feedback, to achieve in a hoistway running car positioning achieve millimeter level precision, achieving almost no difference level.
A reliable car displacement memory technology, to ensure that the elevator stops to open early peace layer security function.

Comfortable experience from car with clearance height of 2.8m

Car of the elevator is 60cm higher than traditional car,providing a wider and more comfortable carrying space.



LED high-efficiency green light source

This decreases power consumption of the elevator by 20%~35%.

Small Machine Room Passenger Elevator

Compact And Efficient,Stable And Reliable

To save space, expand the building larger space utilization rate,make the operation more flexible and reliable, make the building more elegant appearance, SCHUMACHER small machine room passenger elevator, the compact type permanent magnet synchronous gearless traction machine and the special design ofthe control cabinet, make room area is achieved and the well area is exactly the same.

Green environmental protection

Space-saving

Low Noise

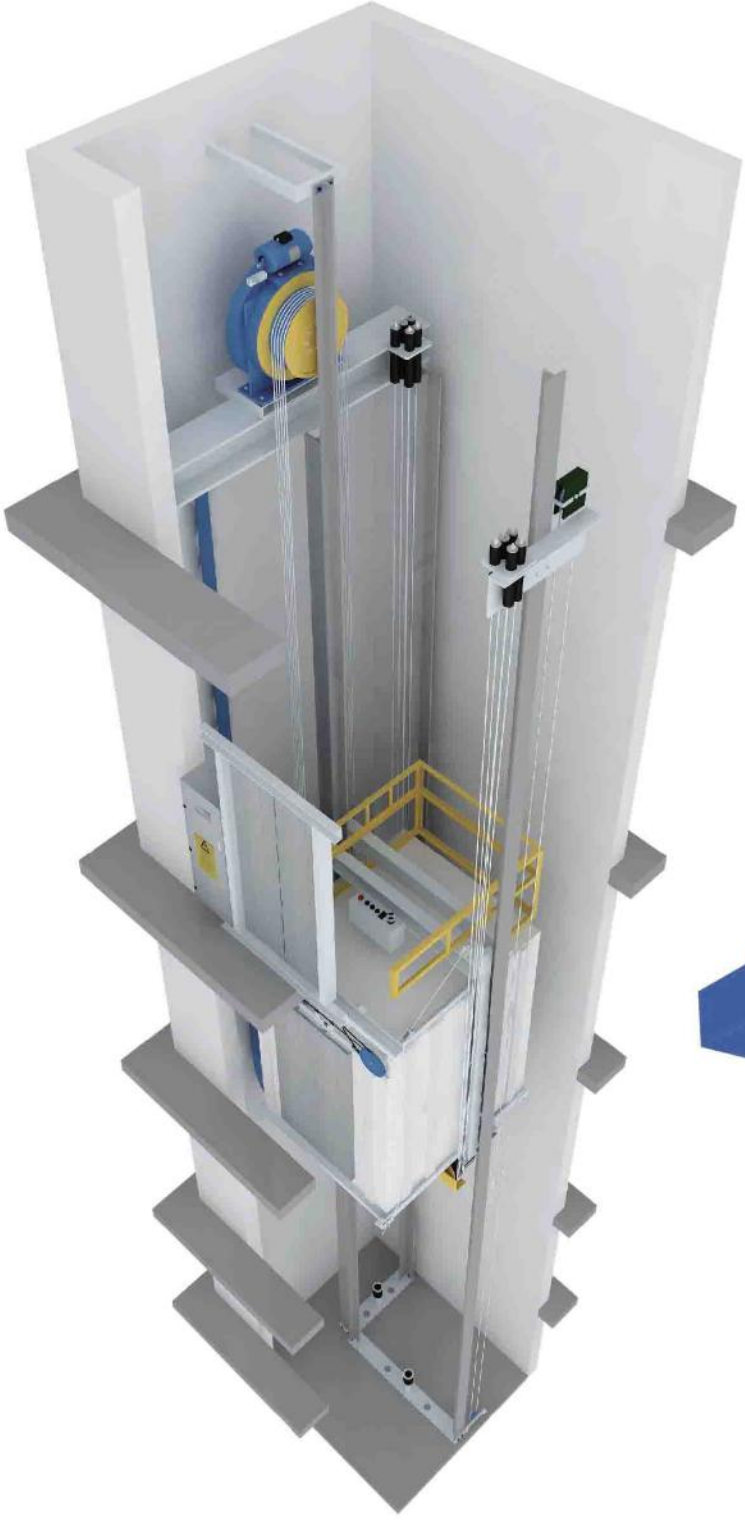
Efficient and energy-saving

Stable and reliable

Machine Roomless Passenger Elevator

It reduces the building expense and saves the construction cost

In order to know the concept of environmental protection, energy saving, saving building area, improve the degree of freedom in design is the responsibility of the SCHUMACHER elevator without machine room, fully reflects the green spirit of humanity, the elevator needs only one independent well space, without room, with the same load weight level than conventional elevators, save construction area of 10%.

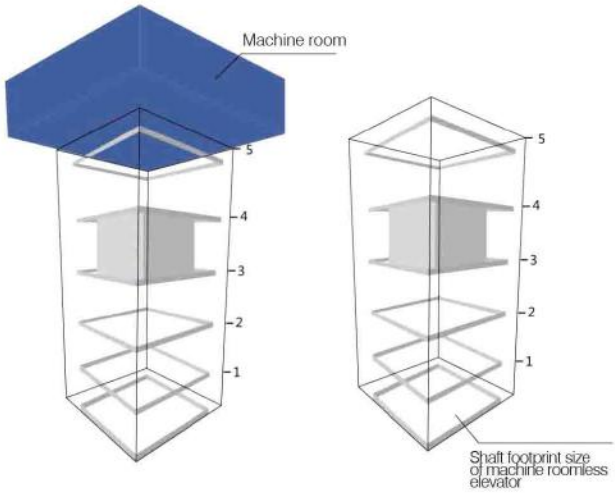


Reduce Energy Consumption Of The Elevator

Using the world's leading permanent magnet synchronous gearless machine, effectively reduce energy consumption, to achieve non-maintenance of elevator

Saving Up To 10% Area Of Construction

Schumacher machine roomless elevator further compression space, greatly improving the utilization of building space. Machine room and Shaft integrated design, to provide a great degree of freedom to the design of elevator and building.



Machine room of normal elevator

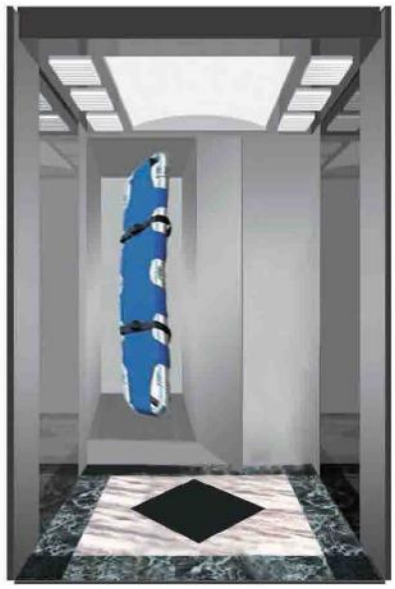
Machine room of machine roomless elevator

Stretcher Elevator

Take the elevator rescue mission

Care for the health and safety of you and others, Schumacher together with you to achieve social responsibility. For the building design of elevator in case of emergency rescue, rescue use convenient.

Elevator adopts special space design, suitable for placing a stretcher and beds, especially for the 120 and other rescue work. For the relief of the elevator to tailor the special function and high reliability of special master control system, emergency use, can quickly form a barrier free relief channel, between the free flow of each floor, the successful completion of the rescue work. Applicable to residential buildings, schools, office buildings, commercial buildings, hotels, shopping malls, entertainment and other public places.



Convenient Stretcher, Protect The User Security

The car and lengthened, depth of up to 2100mm, can be placed in a medical stretcher vehicle, the intelligent wheelchair, a small cart stretcher bed, to meet the special requirements of users, to facilitate people's life.

Rescue system

Direct service rescue function:

Any floor start "rescue" function, can quickly reach the destination. "Rescue" function is activated, the elevator will no longer accept other call request, forming a fast dedicated direct channel, complete the delivery task in the short time, after the completion of the task, the system automatically resume normal use.

Emergency power supply system

For the completion of the rescue mission, the elevator can be equipped with rescue special emergency system, once the blackout, start the emergency power supply system, the nearest floor elevator door, completed the rescue work.

The design of compact well, save more for the user

Rescue elevator can design small room and no room, the design of compact well, no road and engine room, large space well convenient installation; different from medical elevator, medical elevator size mainly according to the status of the "bed", car of large scale, resulting in larger pool area and electrical energy. Waste of customers, for customers to save more.

The national edition of "residential design standards"

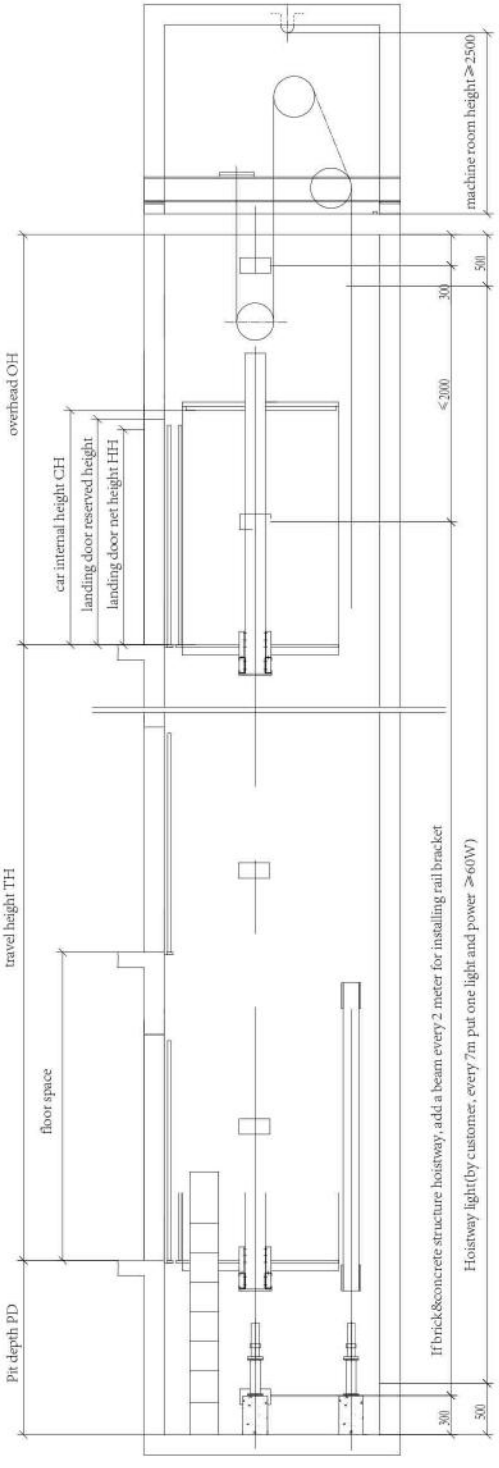
According to the people's Republic of China Ministry of housing and urban rural development, points out that the GB50096-2011 residential design standards issued jointly by the people's Republic of China State Administration of quality supervision, inspection and Quarantine Bureau, residential design standards, "residential 12 layers or more than 12 layers, each building set shall not be less than two lifts, one is specified elevator" can accommodate stretcher for emergency.

Car Decoration And Design

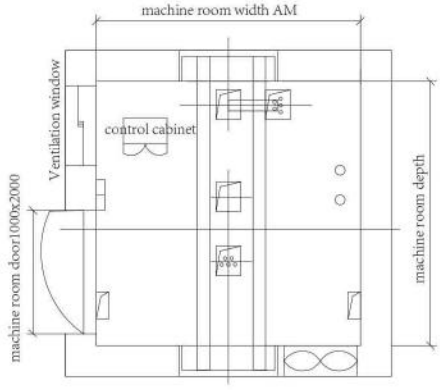
Standard configuration

Ceiling: Spraying Steel Plates, LED lights
Car walls: Short hairline stainless steel
Floor: PVC floor

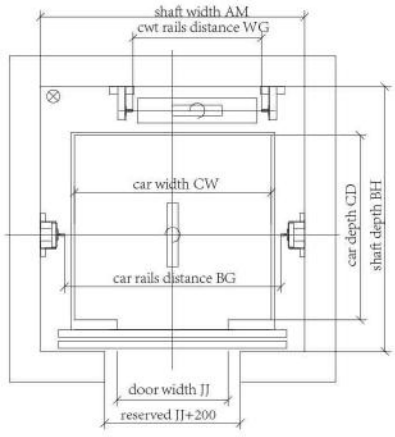
Commercial Passenger Elevator Civil Figure



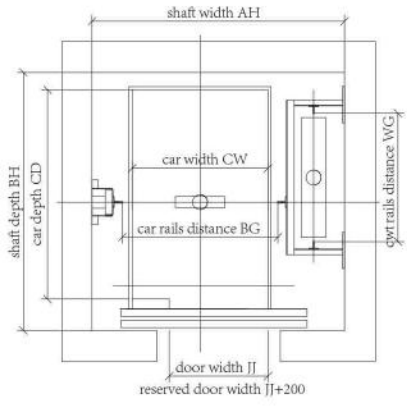
Shaft& machine room vertical section



machine room layout



shaft layout



standard machine room stretcher elevator

Standard passenger elevator Technical Data Sheet

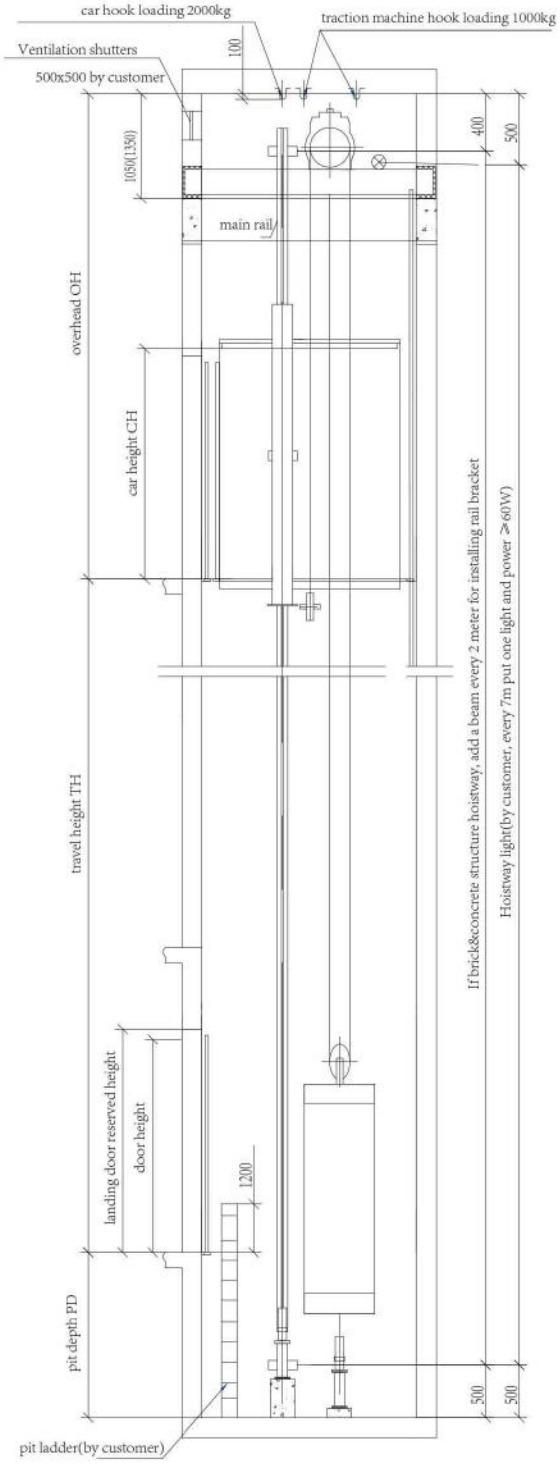
Capacity KG	Speed m/s	Car dimension CW*CD*CH (mm)	Door size JJ*HH (mm)	Shaft size				Max fbor	Max. travel height TH (m)
				shaft width* shaft depth AH*BH (mm)	overhead OH (mm)	pit depth PD (mm)	Min fbor space mm		
630 (8Persons)	1.0	1400*1100*2400	800*2100	1950*1750	4200	1400	2700	16	60
	1.5				4250	1450		24	75
	1.75				4300	1500		30	90
800 (10Persons)	1.0	1400*1350*2400	800*2100	1950*2000	4200	1400	2700	16	60
	1.5				4250	1450		24	75
	1.75				4300	1500		30	90
	2				4600	1800		35	105
	2.5				4800	2000		40	120
	3				5500	3500		50	150
1000 (13Persons)	1.0	1600*1500*2400	900*2100	2150*2150	4250	1400	2700	16	60
	1.5				4400	1450		24	75
	1.75				4450	1500		30	90
	2				4600	1800		35	105
	2.5				4800	2000		40	120
	3				5500	3500		50	150
1250 (16Persons)	1.0	1800*1500*2400	1100*2100	2400*2200	4250	1400	2700	16	60
	1.5				4400	1450		24	75
	1.75				4450	1600		30	90
	2				4600	1800		35	105
	2.5				4800	2000		40	120
	3				5500	3500		50	150
1600 (21Persons)	1.0	1900*1800*2400	1100*2100	2500*2500	4250	1400	2700	16	60
	1.5				4400	1450		24	75
	1.75				4450	1600		30	90
	2				4600	1800		35	105
	2.5				4800	2000		40	120
	3				5500	3500		50	150

Note: the above for the civil diagram,detailed dimensions see construction plans,specific to the technical department to provide construction drawings.

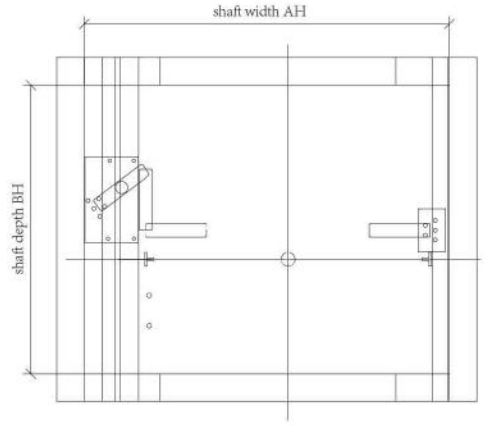
Standard Small Machine Room Stretcher Elevator Technical Data Sheet

Capacity KG	Speed m/s	Car dimension CW*CD*CH (mm)	Door size JJ*HH (mm)	Shaft size				Max fbor	Max. travel height TH (m)
				shaft width* shaft depth AH*BH (mm)	overhead OH (mm)	pit depth PD (mm)	Min fbor space mm		
800	1.0	1100*1700*2400	800*2100	2000*2100	4200	1400	2700	16	60
	1.5				4250	1450		24	75
	1.75				4300	1500		30	90
1000	1.0	1100*2100*2400	800*2100	2000*2500	4300	1400	2700	16	60
	1.5				4400	1450		24	75
	1.75				4450	1500		30	90

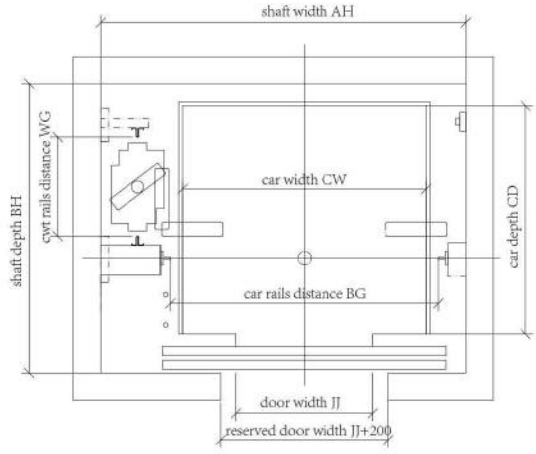
Machine Roomless
Passenger Elevator Civil Figure



shaft vertical section



top layout



shaft layout

Standard machine roomless passenger elevator Technical Data Sheet

Capacity KG	Speed m/s	Car dimension CW*CD*CH (mm)	Door size JJ*HH (mm)	Shaft size				Max fbor	Max. travel height TH (m)
				shaft width* shaft depth AH*BH (mm)	overhead OH (mm)	pit depth PD (mm)	Min fbor space mm		
630 (8Persons)	1.0	1400*1100*2400	800*2100	2200*1600	4100	1500	2700	16	60
	1.5				4200	1600		24	75
	1.75				4250	1700		30	90
800 (10Persons)	1.0	1400*1350*2400	800*2100	2200*1800	4100	1500	2700	16	60
	1.5				4200	1600		24	75
	1.75				4250	1700		30	90
1000 (13Persons)	1.0	1600*1500*2400	900*2100	2400*1900	4100	1500	2700	16	60
	1.5				4200	1600		24	75
	1.75				4250	1700		30	90
1250 (16Persons)	1.0	1800*1500*2400	1100*2100	2750*2000	4400	1500	2700	16	60
	1.5				4500	1600		24	75
	1.75				4600	1700		30	90
1600 (21Persons)	1.0	1900*1800*2400	1100*2100	2850*2200	4400	1500	2700	16	60
	1.5				4500	1600		24	75
	1.75				4600	1700		30	90

Note: the above for the civil diagram,detailed dimensions see construction plans,specific to the technical department to provide construction drawings.

Standard Machine Room Less Stretcher Elevator Technical Data Sheet

Capacity KG	Speed m/s	Car dimension CW*CD*CH (mm)	Door size JJ*HH (mm)	Shaft size				Max fbor	Max. travel height TH (m)
				shaft width* shaft depth AH*BH (mm)	overhead OH (mm)	pit depth PD (mm)	Min fbor space mm		
800	1.0	1100*1700*2400	800*2100	2000*2100	4200	1400	2700	16	60
	1.5				4250	1450		24	75
	1.75				4300	1500		30	90
1000	1.0	1100*2100*2400	800*2100	2000*2500	4300	1400	2700	16	60
	1.5				4400	1450		24	75
	1.75				4450	1500		30	90