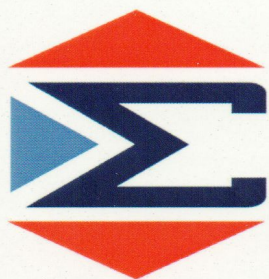
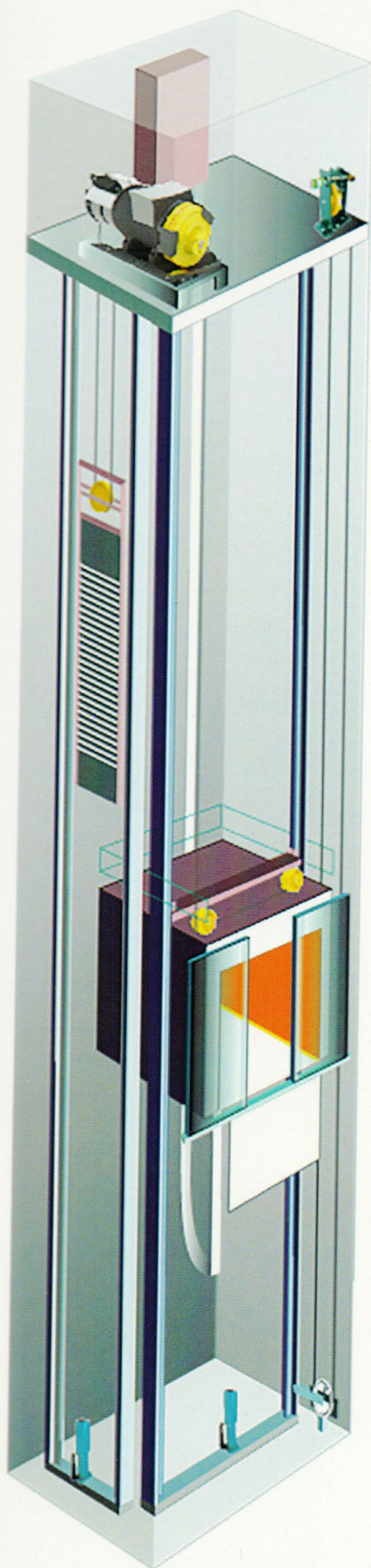




High Quality & Luxurious Elevator Package



SIGMA
Elevator Co. Ltd



Euro Pack

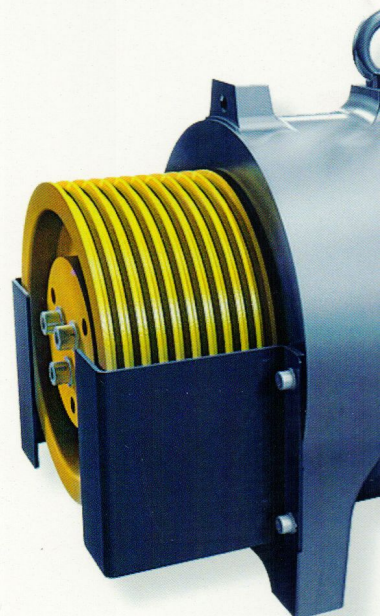
The high class advanced elevator packages of Euro pack have been designed by R&D and technical department of Sigma Group well- experienced engineers and designers, utilizing the best components and facilities from Germany and Italy, presenting layout flexibility, space saving, energy saving and wide options. They are well- suited to all types of buildings. Sigma Group includes a set of manufacturing and importing units that can design the best and most cost-effective packages with technical and specialized knowledge, according to the customer's budget and with a cost reduction perspective.

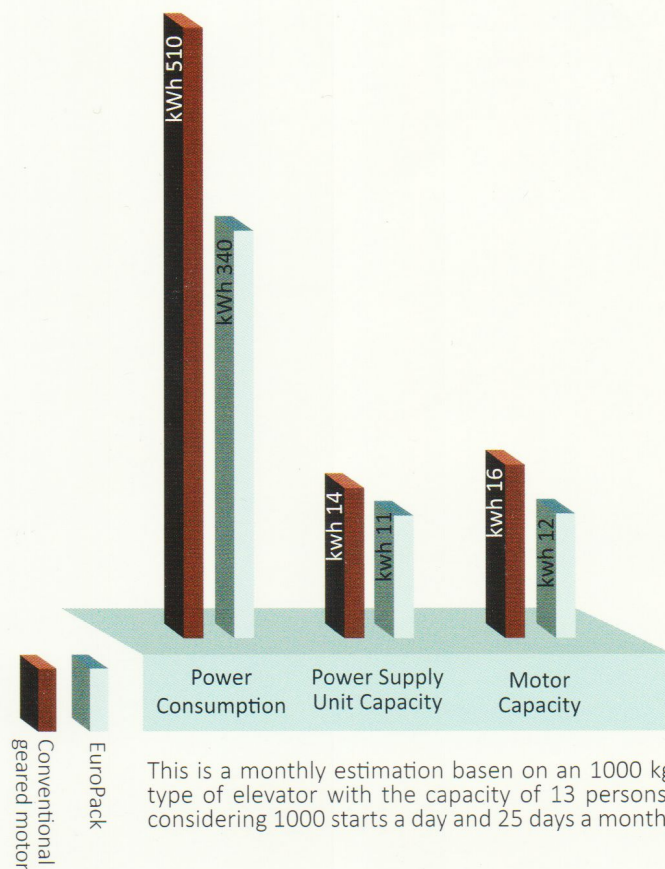
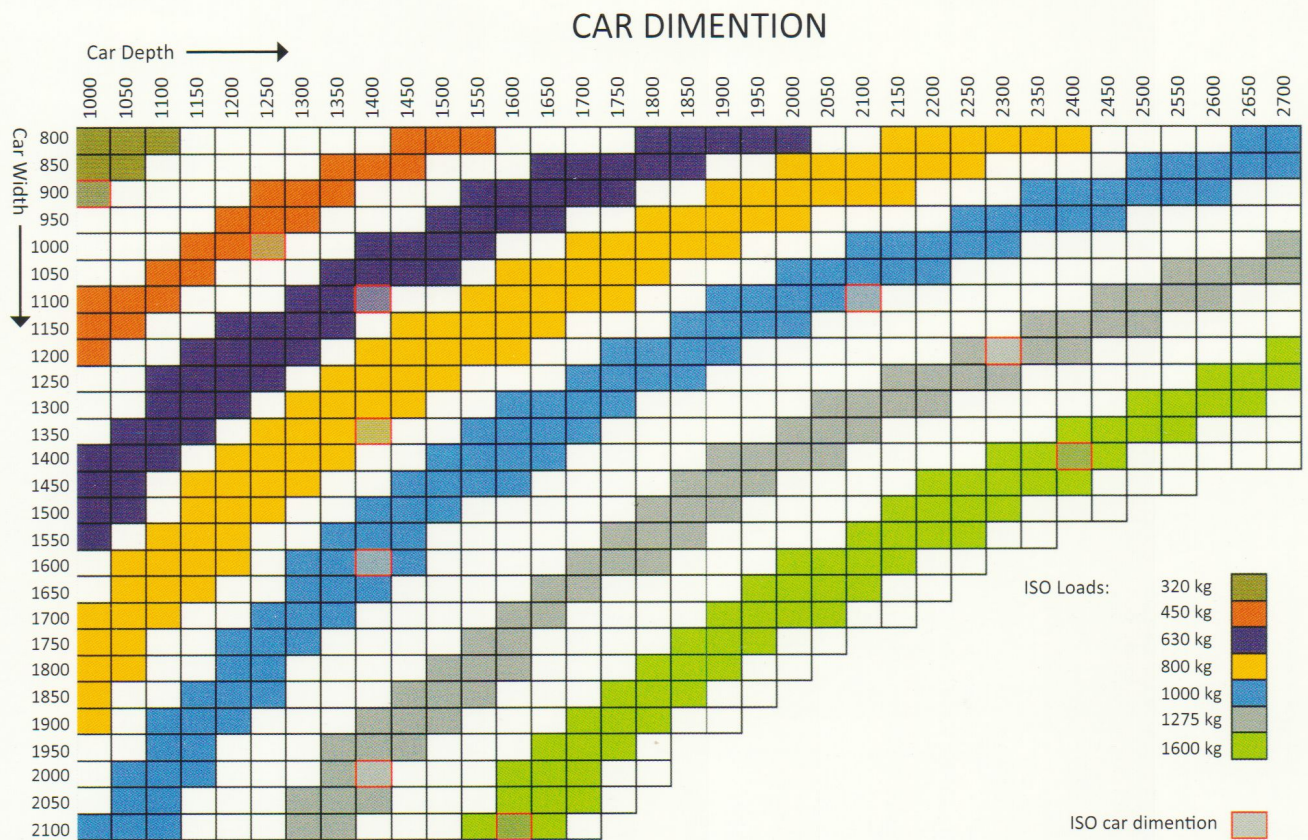
Energy Saving

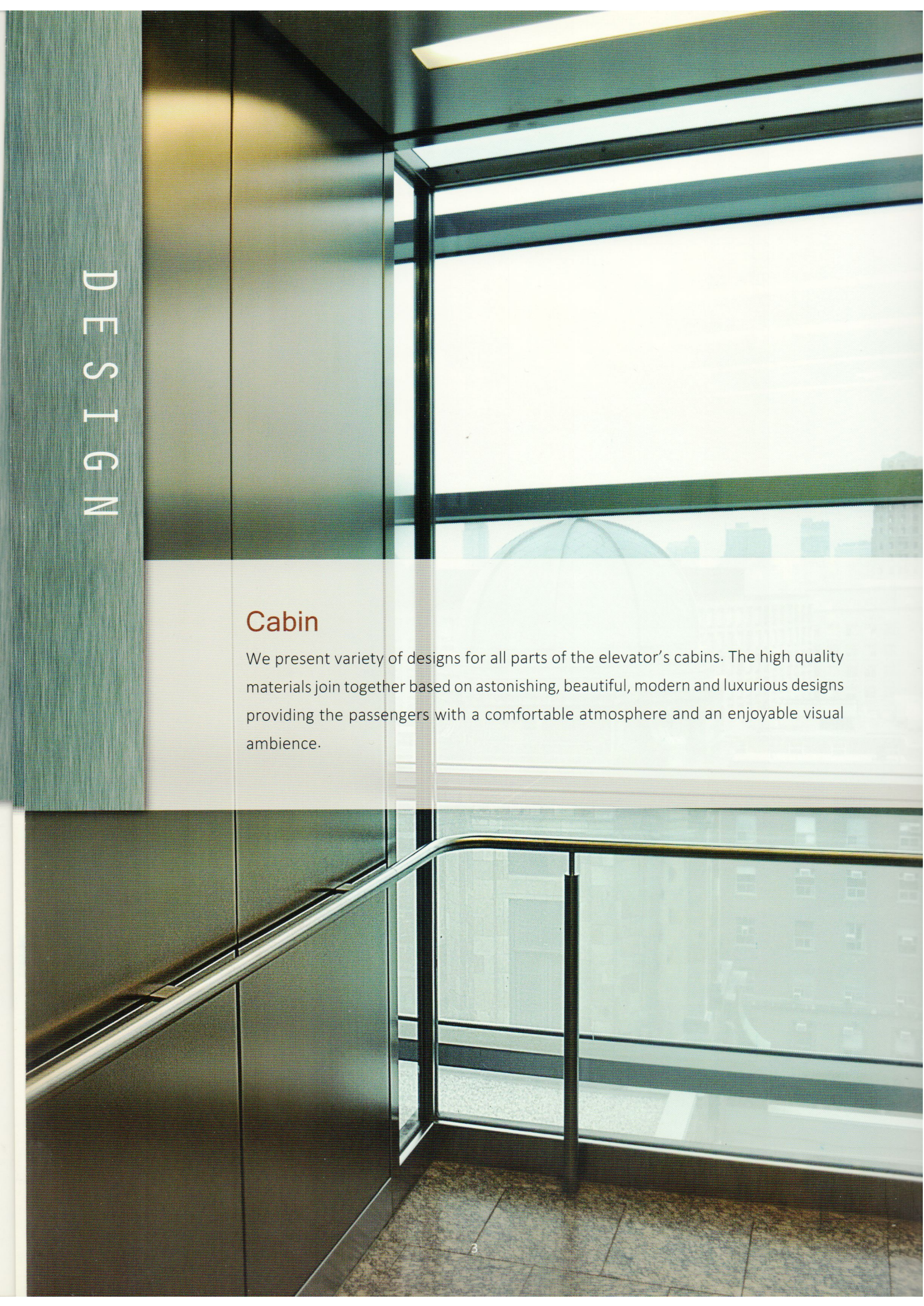
EuroPack applies a high quality and high performance small sized PMSM traction machine and precise control system. This machine realizes energy savings and smaller space for installation.

type	P6	P8	P10	P13	P17	P21
Rated Load (kg)	450	630	800	1000	1275	1600
Rated Speed m/sec	1	EuroPack				
	1.6					
	2					
	2.5					

EuroPack presents wide variety of compact-machine-room elevators, from 6 to 21 passengers elevators and through type double entrance elevators. Also, customised options are available based on customer's demands.





The image shows the interior of a modern elevator cabin. On the left, there is a vertical wooden panel with the word "DESIGN" written in white capital letters. To the right, a large glass window offers a view of a city skyline, including a prominent dome-shaped building. A sleek, curved metal handrail runs along the wall. The floor is made of polished, speckled tiles. The overall design is clean, modern, and luxurious.

DESIGN

Cabin

We present variety of designs for all parts of the elevator's cabins. The high quality materials join together based on astonishing, beautiful, modern and luxurious designs providing the passengers with a comfortable atmosphere and an enjoyable visual ambience.



Classic Cabins



EC-101



EC-102



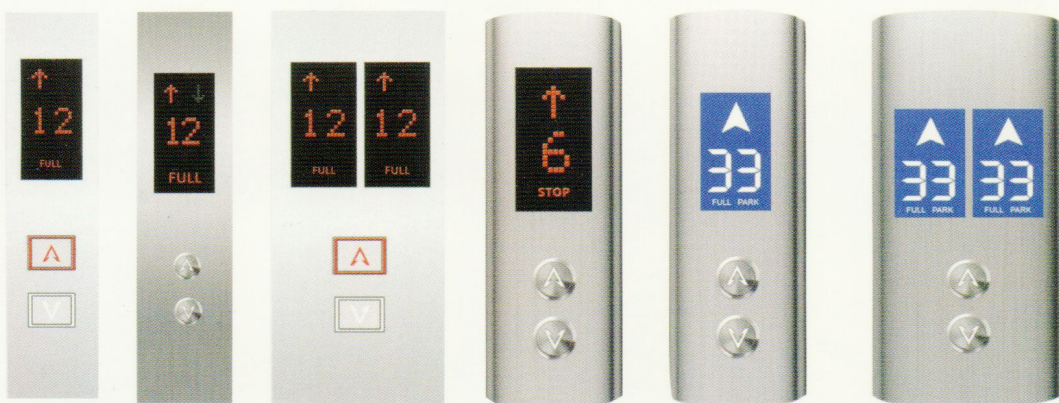
EC-103



EC-104



EC-105



Customized Elevator Panoramic Cabins



EP-101



EP-102



EP-103



EP-107

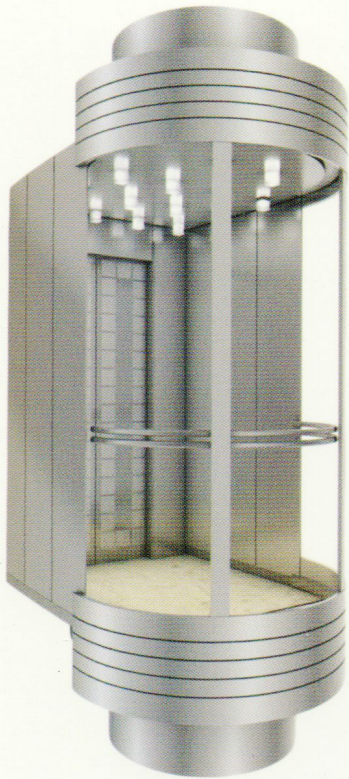


EP-108



EP-109

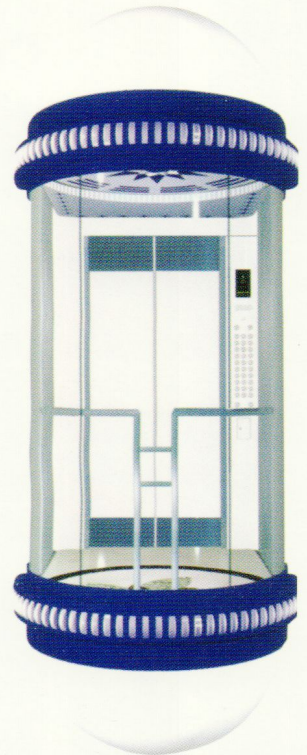
Customized Elevator Panoramic Cabins



EP-104



EP-105



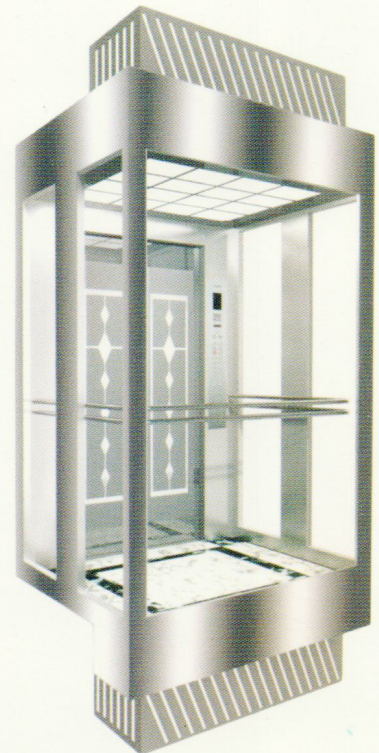
EP-106



EP-110



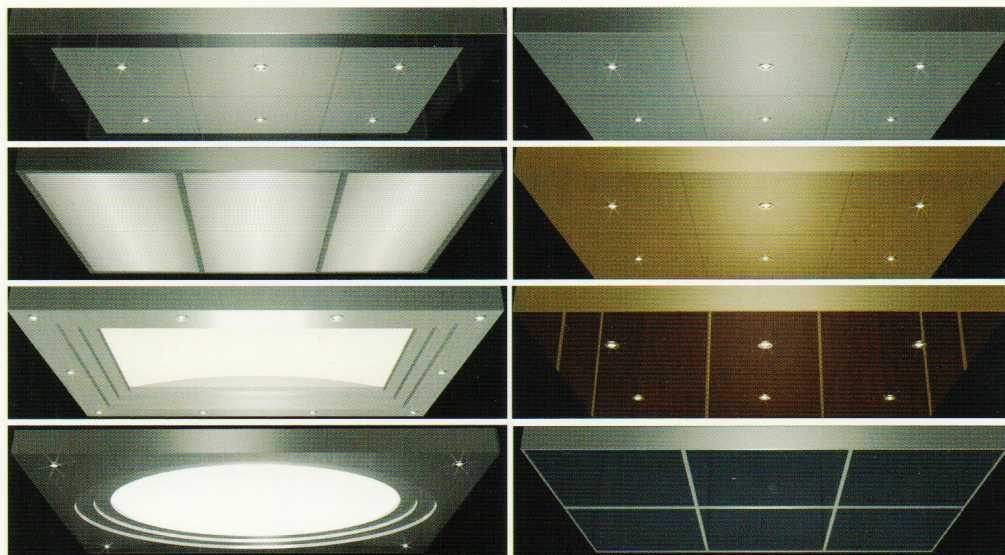
EP-111



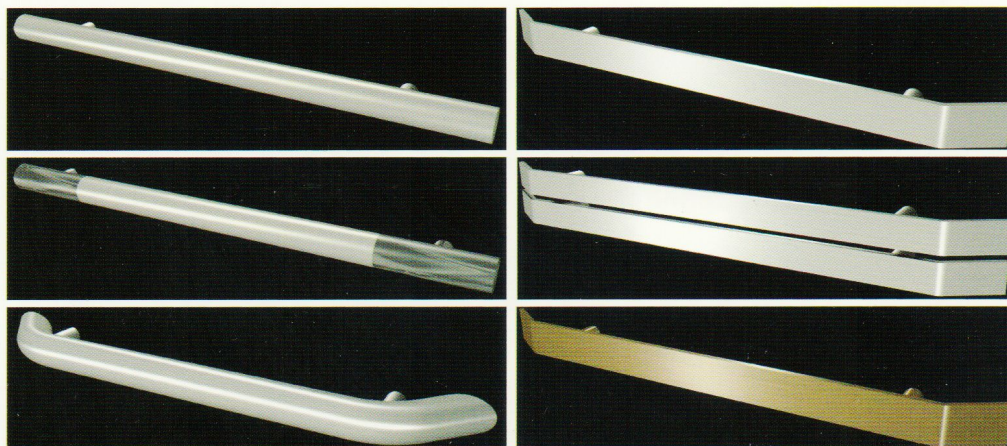
EP-112

Ceiling

LED lightings combined with beautiful patterns make the quick transportation of the passengers pleasant. The ceiling materials and designs are also optional for customers.

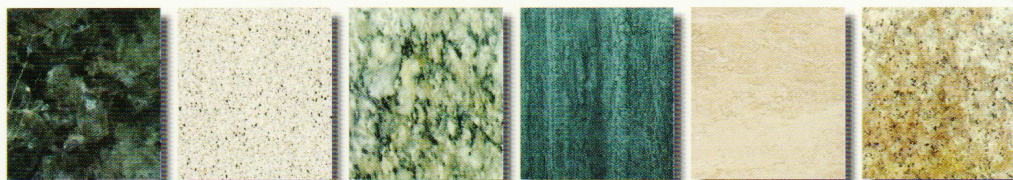


Handrail



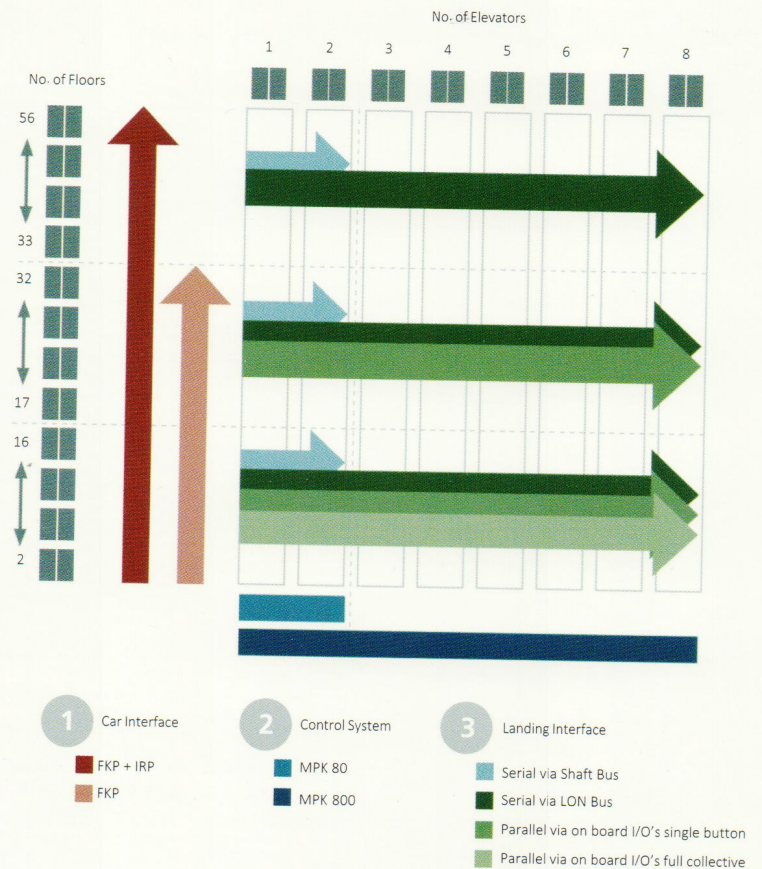
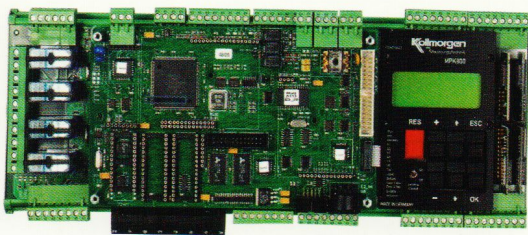
Floor

We present high quality stone coverings for the floor in variable colors and patterns. Although, other materials would be also provided based on customer's demands.



Bus Control System for Elevators

The shaft and car are serially interfaced with state-of-the-Art Bus equipment. The local Operating Network (LON) field bus used interfaces the car and features a universal interface for group function and a building services management system as the global industrial and building standard.



Rotary encoders for digital shaft resolution

The shaft resolution serves to brake the elevator cabin without jerk in a timely manner, as well as to position it exactly. The position of the cabin is captured at all times and transmitted to the control.



Car LCD



Push Button



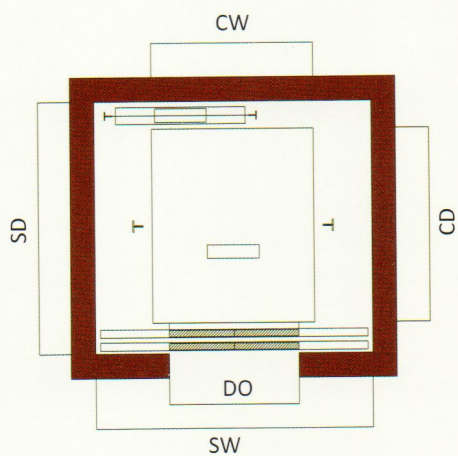
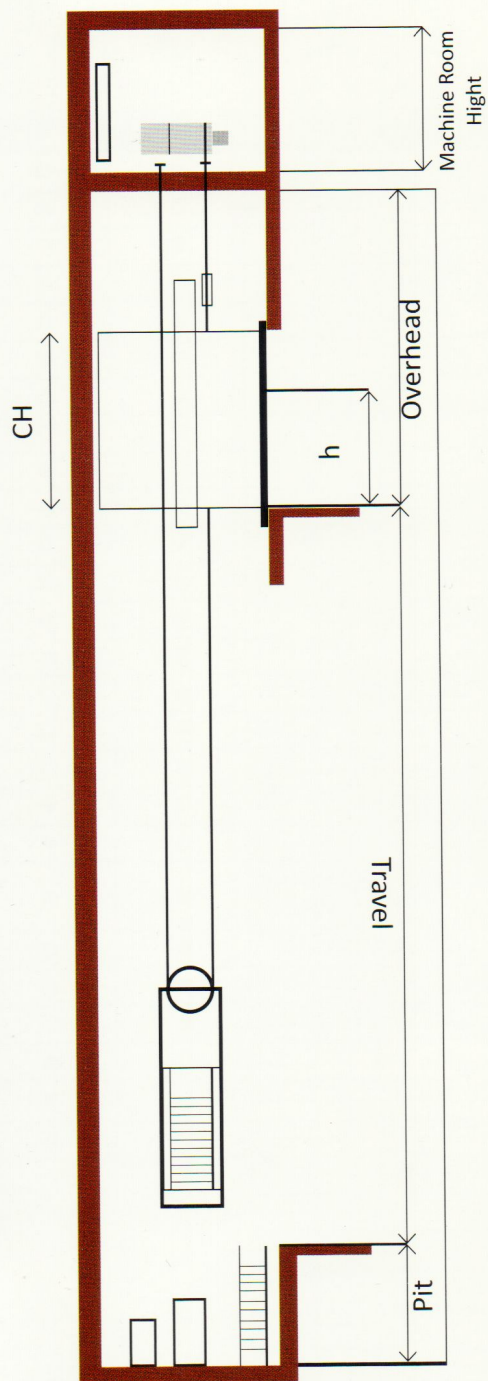
Item	Description	Standard	Optional
Operation	Collective down or up operation system	●	
	Full collective operation system	●	
	2 Car group full collective operation system	○	
	3 car group supervisory operation system	○	
	4 car group supervisory operation system	○	
		○	
		○	
		○	
		○	
Service Function	Main floor homing (2 car or more)	○	
	Service floor cut off switch (Manual)	○	
	Full car bypass (note 2)	○	
	Floor selection cancellation	●	
	Nuisance call cancellation	●	
	Running times record	●	
	Data automatic recording function at the time of fault	●	
	Repetitive door opening safety	●	
	Car indicator (built in cop)	●	
	Adjustable door open timing	●	
	Door open extension button	○	
	Car gong (install at car top and bottom) (2-rings for arrival alert)	○	
	Hall gong (2-rings for arrival alert)	○	
	Hall full load indicator	○	
	Hall lantern	○	
	Sub car operating panel	○	
	Hall out of service indicator	●	
	Direction changing reopen	○	
	Parking operation	●	
	Automatic parking operation	○	
	Lighting auto sleep	●	
	Ventilation auto sleep	●	
	Door open button lamp	○	
	Automatic selection clear upon direction reversal	○	
	Two-way interphone	○	
	Stop at all floors	○	
	Group control in support running (Only for group control)	○	
	Specific floor stop operation	○	

Note:

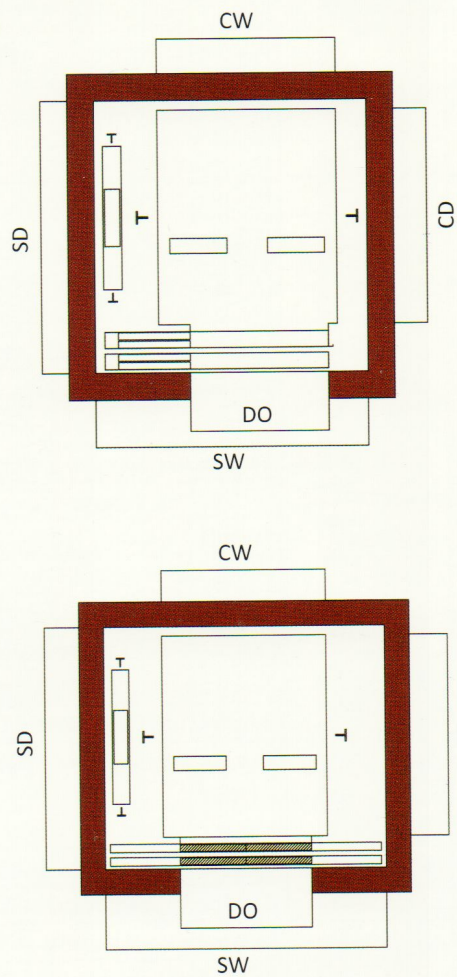
1. Fire emergency operation and Fireman service cannot be applied simultaneously.
2. Standard function for 2-car operation or 3-car operation.

Item	Description	Standard	Optional
Emergency Operation	Automatic landing function in system failure	●	○
	Automatic withdrawn from group operation	○	●
	Inspection operation (car roof/machine room)	●	○
	Overload indicator	●	○
	Over speed protection	●	○
	Firemen's operation (note 1)	○	●
	Fire emergency operation	●	○
	Force landing feedback signal in emergency	●	○
	In-car emergency operation displays	○	●
	Power failure emergency operation	●	○
	Automatic landing in power failure	●	○
	Earthquake emergency operation	○	●
	Earthquake emergency operation with P-wave sensor	○	●
	In-car emergency lamp (self-charging)	●	○
	Emergency call button	●	○
	Motor racing protection	●	○
	Overload door reversal device	●	○
	Mechanical door safety (safety edge on both sides)	○	●
	Infrared light curtain door safety	○	●
	2 in 1 door closing protection (Light-beam curtain + Mechanical shoe)	○	●
	Automatic leveling	●	○
	Pulse position abnormality automatic correction	●	○
	Car door zone position Indicator	●	○
Passenger Interface	Magnetic card system	○	●
	Announce Feature	○	●
	Supervisory Panel	○	●
Works by Customer/ others	Power resupply automatic running		
	Shaft and machine-room iron-works		
	Shadt mansory		
	Shaft Scaffolding		
	Shaft Lighting		
	Shaft fence divider		
	Shaft pit ladder		
	Shaft pit slabs		
	Electrical distribution box		
	Cabling to distribution box		
	Machine-room lighting		
	Machine-room ventilation		
	Floors mansory		
	Shaft ceiling slabs		
	Any constructional job		

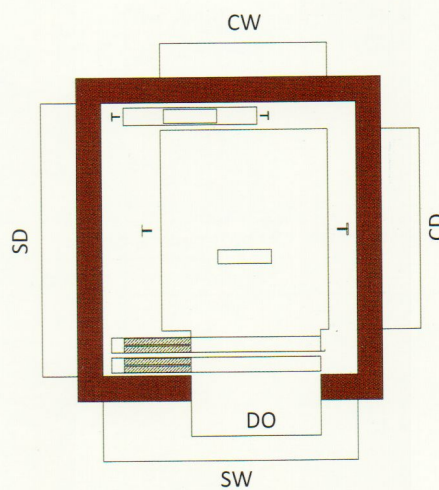
SHAFT LAYOUTS



Back C.W



Side C.W



Type	No. of Person	Capacity (kg)	Speed m/sec	Car Dimension CW X CD X CH (mm)	Door Opening (OD)	Door width X height (mm)	Shaft dimension C.W position SW X SD (mm)		Min Pit (mm)	Min Overhead (mm)
							back	side		
P450	P6	450	1	1000 x 1200 x 2200	T	800 x 2000	1550 x 1800	1550 x 1600	1200	4000
			1.6						1300	4300
			2						1500	4350
			2.5						1700	4350
P630	P8	630	1	1100 x 1400 x 2400	T	900 x 2100	1670 x 1980	1670 x 1780	1300	4000
			1.6						1400	4300
			2						1600	4350
			2.5						2100	4350
P800	P10	800	1	1350 x 1400 x 2400	C	900 x 2100	1950 x 1950	1950 x 1750	1300	4000
			1.6						1400	4300
			2						1600	4350
			2.5						2100	4350
P1000D	P13	1000	1	1100 x 2100 x 2400	T	900 x 2100	1680 x 2680	1680 x 2480	1300	4000
			1.6						1400	4300
			2						1600	4350
			2.5						2100	4350
P1000W	P13	1000	1	1600 x 1400 x 2400	C	1100 x 2100	2350 x 1950	2350 x 1750	1300	4000
			1.6						1400	4300
			2						1600	4350
			2.5						2100	4350
P1275	P17	1275	1	1200 x 2300 x 2400	T	1100 x 2100	2020 x 2880	2020 x 2680	1300	4000
			1.6						1400	4300
			2						1600	4350
			2.5						2100	4350
P1600	P21	1600	1	2000 x 1750 x 2400	T	1300 x 2100	2320 x 2980	2320 x 2780	1300	4000
			1.6						1400	4300
			2						1600	4350
			2.5						2100	4350

Note:

The above table compliance with EN81-1:2009

Shaft dimensions are the minimum dimension after the building work.

Shaft dimensions are the minimum requirement.

The shaft structure wall must be 15mm thick or more.

Piping, wiring and cables not related to elevator are prohibited inside the shaft.

Function	Moderate	Good	Excellent
Office Space	sec 35	30 sec.	25 sec.
Hotel	sec 30	25 sec.	20 sec.
Residential	sec 45	40 sec.	35 sec.
Healthcare	sec 50	40 sec.	30 sec.

An indication of acceptable waiting times for various building functions



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