

ELEVATORS

We reserve the right to alter some of specifications and descriptions given here in without prior notices



A Committed, Reliable & Responsible Elevator & Escalator Manufacturer since 1992



CORPORATION DATA:

- Land area: 107000m²,
- Manufacturing area: 47000m²,
- Test tower height: 140m,
- Manpower: 1000

ANNUAL MANUFACTURING CAPACITY:

- 15000 units elevators,
- 5000 units escalators and passenger conveyors

INTERNATIONAL CERTIFICATION:

- ISO9001, ISO14001, OHSAS18001 and SA8000 by DNV,
- DIN18000-7 by SLV Duisburg Germany,
- Product Certificate by TÜV Germany,

MARKETING:

- Products sold over 80 countries around the world. Such as Asia, Europe, Oceania, Africa, American and etc.

SJEC

Elevators & Escalators

since 1992



With more than 19 years efforts, SJEC focus on updated technology application in high-efficiency, energy saving and green elevator and escalator.

e: Economy / Easiness energy / Enterprise / Elevator / Escalator

G: Green / Growing / Environment Protection

R: Regenerate / Re-create / Resource / R&D

I: Information / Intellectual Process / Integrated

S: System / Solution / Safety / Service

SJEC has gain a reputation both domestic and oversea for its leading technology and continual innovation idea in the world.



2009, New facility. Landing area:57000m², Construction area:54000m², Test tower height:140m.

1992



1992-2004, Tiger Hill facility, China
Land area: 43000 m²
Construction area: 21000



1995



1995-2004, Penang factory, Malaysia
Land area: 10000 m²
Construction area: 5000 m²



2004



2004-present, parts supply factory in SIP, China
Land area: 31000 m²
Construction area: 23000 m²



2005



2005-present, new facility in SIP, China
Land area: 50000 m² / Construction area: 35000 m²
Test tower height: 66.8 m



2008



2008, Milan factory, Italy
Land area: 5200 m² / Construction area: 4500 m²



2009



Drive System

All kinds of products of SJEC adopt the advanced magnetic synchronized traction machine. The traction machine has advantages of environmental protection, energy-saving, free-maintenance, safe reliability and high efficiency, it has low vibration, low noise and perfect ride comfort. The traction machine can save 30%-60% of power consumption compared to classical gear machine.



Control system

e-com control system is an epochal product of SJEC. It represents advanced technology by adopting innovative design. It is a real GREEN product; more than 100 protection design and precaution measurement guarantee ultimate SAFETY; compared with usual control system, e-com has lots of advantages;

ALL-IN-ONE design of highly integrated motor driving and logic control unit, not separated inverter and control board, reduces the middle control tache, multi CPUs share software and hardware which brings higher speed; multi CPUs monitor each other to make control more safe and reliable;



e-com MRA/MMR control system

E-com offers multiple controllers to match different constructions, such as: wall-mounted controller for MRA; controller inside of hoistway for MRL; closet controller for high speed elevator;

Energy generated during braking is feed back to the power supply by the use of energy regeneration device. Compared with usual method of braking resistor, e-com saves 20-40% of power consumption;

Automatically hibernation will reduce power consumption prominently during elevator standby. Compared with elevator without this function, auto wakeup elevator saves 90% power consumption during standby;

With comprehensive EMC design scheme, e-com fully complies with EN12015, EN12016 standards, it is 'GREEN' electrical product with limit and acceptable electromagnetic pollution and strong electromagnetic susceptibility;

N-curve algorithm adopts distance control, it automatically calculates out possible maximum speed according to different floor distance, makes landing directly without creeping. Compared with usual control system, e-com improves 5-30% service efficiency, reduces time of waiting and riding elevator;

Brand-new pin board design can avoid mis-plug. Also the connection way of pin and plug guarantees a reliable and convenient junction;

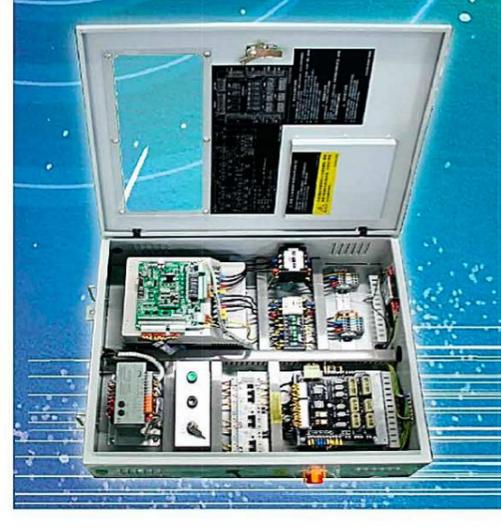
Special technology of synchronous starting without load weighing compensation is adopted. By the using of sinco's encoder, there is no need to adjust the load weighing compensation;

E-com adopts advanced earthquake monitoring detector which real-time detects P wave or S wave shaking acceleration, guarantees passengers evacuation before L wave coming which has the maximal demolition;

Surge protection will keep your equipments away from kinds of interferences caused by the energy from power wiring.



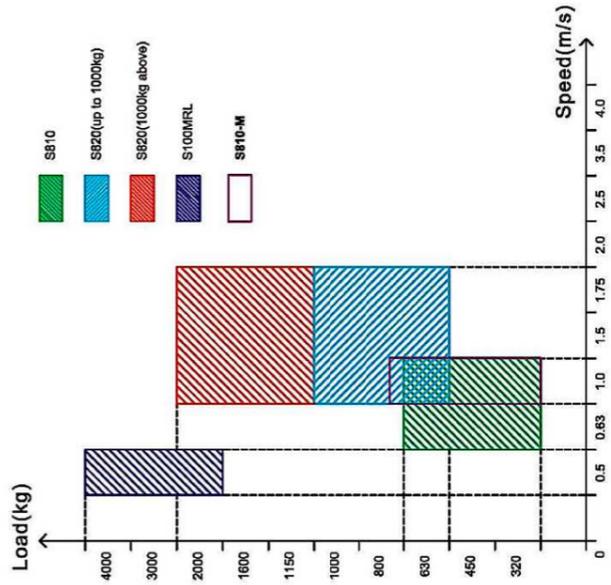
e-com MRL control system



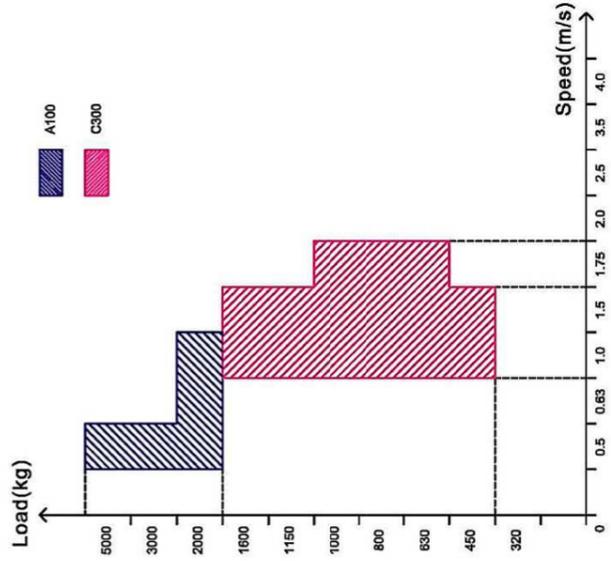
e-com control system
(Extruded)

Complete Solutions

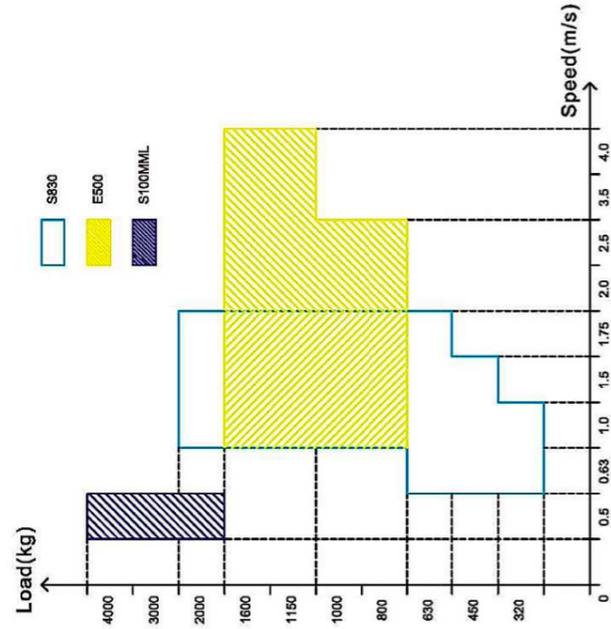
Machine Room-less (Gearless)



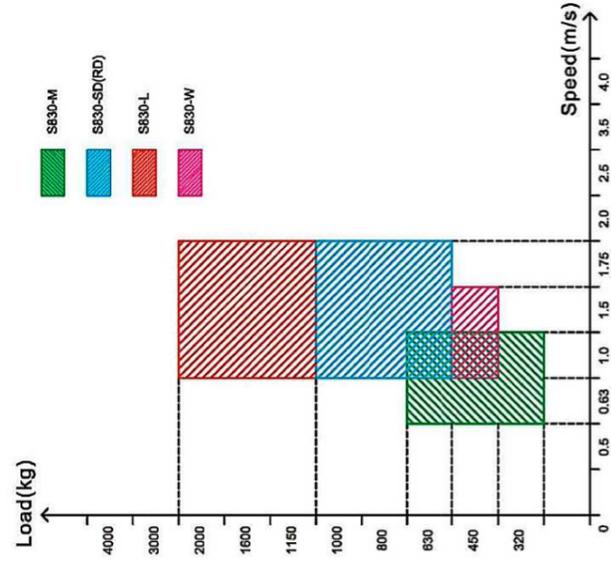
Machine Room Above (Geared)



Machine Room Above Gearless



Machine Room Above (S830)

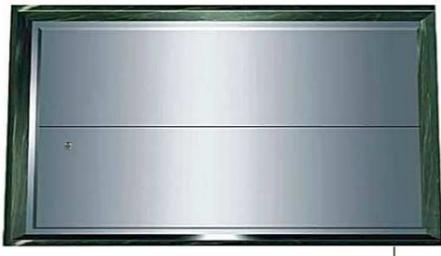


Landing Door Style

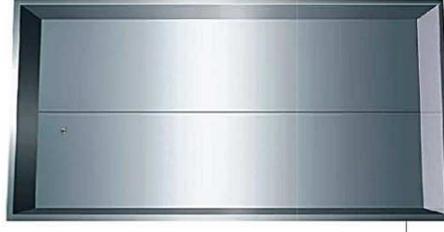
In order to make the environment more beautiful, the decoration of the door and jamb is according to the building's style.



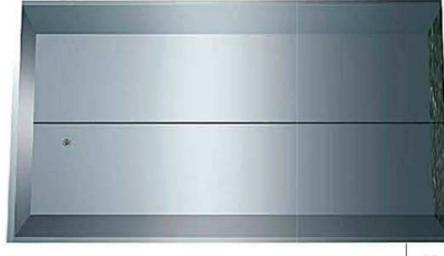
Narrow Door Jamb(Standard)



Splayed vertical door jamb (Optional)



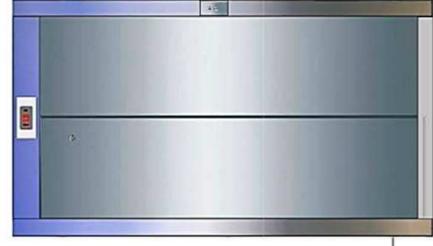
Splayed inclined door jamb (Optional)



Square door jamb (standard for S810 & S830-M)



(Standard)



(Optional)



Car Style



Ceiling: Mirror ST/ST + Black painted steel + Acrylic resin panel, TH-105(standard)
Wall: painted steel(standard)
Floor: PVC(TCD314)



Ceiling: Hairline ST/ST + Acrylic resin panel, TH-103(standard)
Wall: Hairline ST/ST (optional)
Floor: PVC(TCD315)



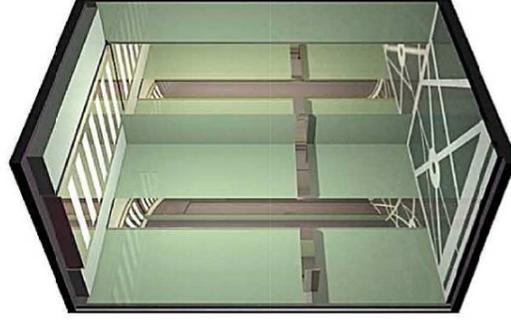
SJEC N02
Ceiling: Hairline ST/ST + acrylic lighting + Vaulted
Car wall: hairline & etched ST/ST
Handrail: ST/ST



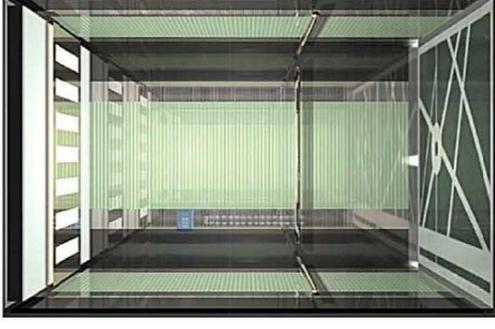
SJEC Spring
Ceiling: SJEC Spring (optional)
Car wall: Etched ST/ST+ Painted Safety Steel + Glass
Floor: Artistic Ceramic (FL-301)



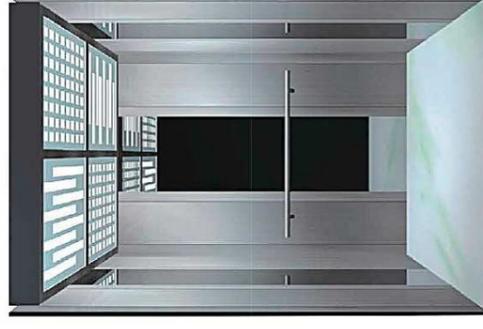
JC-201
Ceiling: painted ST/ST + acrylic lighting
Car wall: titanium mirror & etched ST/ST + titanium mirror ST/ST
Handrail: PVD Coated, mirror flat rail.
Floor: artistic ceramic



JC-211
Ceiling: Mirror ST/ST + Glass + Transparency,
Car wall: Painted ST/ST+ Painted Glass
Handrail: Mirror Flat Rail.
Floor: Artistic Marble

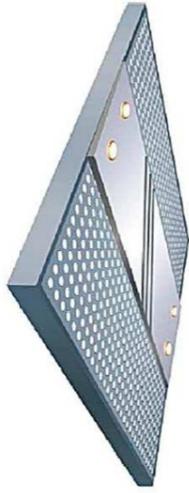


JC-204
Ceiling: mirror ST/ST+ glass + transparency,
Car wall: mirror & etched ST/ST+ painted ST/ST + painted glass
Handrail: mirror single round rail
Floor: artistic ceramic



SJEC N16
Ceiling: hairline ST/ST + Mirror ST/ST + acrylic decoration
Car wall: mirror ST/ST + hairline ST/ST
Handrail: stainless steel

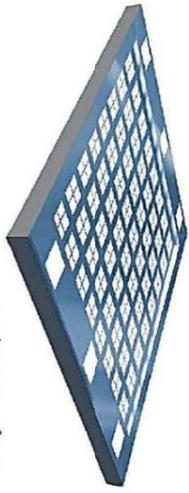
Car Ceiling/Handrail/Indication system



TH-105 (standard):
Mirror ST/ST + Black painted steel + Acrylic resin panel
TH105B (optional):
Aluminium-filled plastic + Black painted steel + Acrylic resin panel



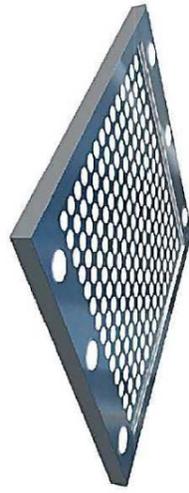
TH-103 (optional):
Hairline ST/ST + Acrylic resin panel



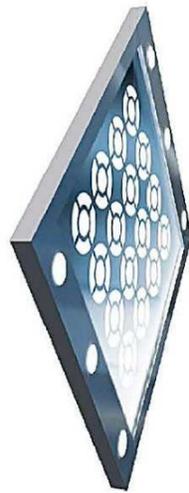
TH-401
(Optional: Hairline OR mirror ST/ST + Acrylic resin panel)



TH-402
(Optional: Hairline OR mirror ST/ST + Acrylic resin panel)



TH-403
(Optional: Hairline OR mirror ST/ST + Acrylic resin panel)



TH-404
(Optional: Hairline OR mirror ST/ST + Acrylic resin panel)

Type	Material	Specification (mm)
HC-001 (Optional)	Stainless steel, single round	Ø 38
HC-002 (Optional)	Stainless steel, double round	Ø 22
HC-003 (Optional)	ST/ST: flat	80×6
HC-102 (Optional)	ST/ST + Wood	Ø 38
HC-104 (Optional)	ST/ST: round	Ø 38

Car Wall & Floor

Car Wall Materials

Standard (painted steel)



RAL5010



RAL5015



RAL6034



RAL7035



RAL1015

Optional



ES-001
Hairline ST/ST



HS-002
Mirror ST/ST



ES-002
Etched ST/ST



ES-003
Etched ST/ST



ES-004
Etched ST/ST



ES-005
Etched ST/ST

Floor

Standard (PVC tile)



TCD304



TCD305



TCD308



TCD314



TCD315



TCD316



TCD317



TCD318

Optional



ES-2
Rubber floor (black)



B-308
Rubber floor (gray)



B-358
Checked Alu



B-638
Checked ST.



SG3501
Checked ST.

Indication system

■ COB

Landing hall button and operationpanel button is comfortable to feel. Dot-matrix display shows various kinds of operation information.



Display & Button

■ INDICATOR

For car



Dot-matrix LED (standard)

For landing



Dot-matrix LED(H) (standard)



Blue Segment LCD



Segment LCD (V)

Access control manager



TFT colored LCD(8 inch/10 inch)



■ BUTTON



RH-1(Standard)



RH-2/RH-3 (Optional)



PB330 (Optional)



SH-1(Optional)



SH-2/SH-3 (Optional)



PB340(Optional)

■ HALL LANTERN



DZD-3



DZD-2

Optional



COB410
Hairline
+mirror s/st



COB310E
Hairline s/st
(Semi-Extruded)



COB330
Hairline s/st
(Semi-Extruded)



COB710
Aluminium Hairline
(Full-Extruded)



FOB410
Hairline
+mirror s/st



FOB310
Hairline s/st



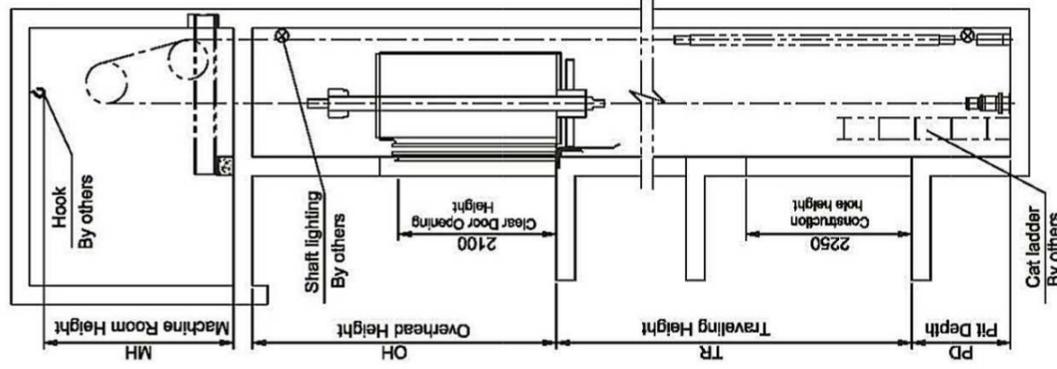
FOB330
Hairline s/st
(Full-Extruded)



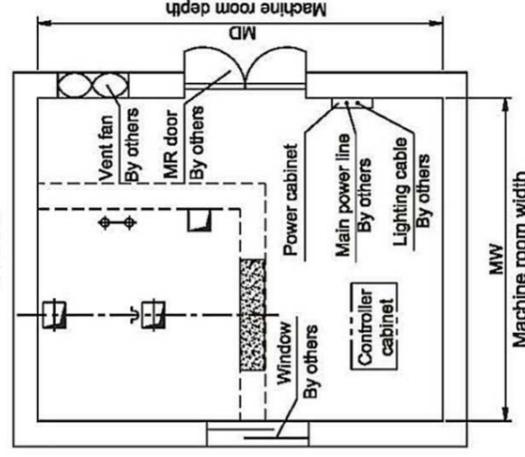
FOB710
Aluminium Hairline
(Full-Extruded)

LAYOUT - C300 MRA(450-1600kg)

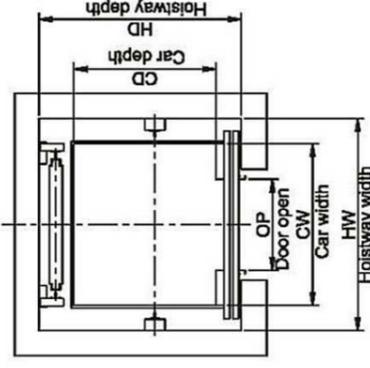
HOISTWAY ELEVATION



MACHINE ROOM PLAN



HOISTWAY PLAN



PLANNING GUIDE FOR DIMENSIONS - Deep Car - (800kg~1600kg)

Speed (m/s)	Capacity		Car Size CW*CD(mm*mm)	Door Opening (mm)	Hoistway Size SW*SD(mm*mm)
	Person	Load(kg)			
1.0/1.5	10	800	1100 x 1700	CO 800	1950 x 2150
	13	1000	1100 x 2100		
1.0	15	1150	1400 x 1800	SO 1100	2300 x 2250
	16	1250	1400 x 1950		
1.5	21	1350	1400 x 2100	SO 1200	2300 x 2550
	24	1600	1400 x 2400		

PLANNING GUIDE FOR DIMENSIONS -Wide Car- (450kg~1600kg)

Speed (m/s)	Capacity		Car Size CW*CD(mm*mm)	Door Opening (mm)	Hoistway Size SW*SD(mm*mm)
	Person	Load(kg)			
1.0	6	450	1100 x 1100	CO 700	1550 x 1700
	6	600	1400 x 850		
1.0	8	630	1400 x 1100	CO 800	1850 x 1700
	10	800	1400 x 1350		
1.5	13	1000	1600 x 1400	CO 900	2000 x 1950
	15	1150	1800 x 1400		
1.0	16	1250	1950 x 1400	CO 1100	2550 x 2100
	18	1350	1950 x 1500		
1.5	21	1600	1950 x 1700	CO 1000	2550 x 2200
	21	1600	1950 x 1700		

PLANNING GUIDE FOR DIMENSIONS - Min. OH and PIT

Capacity (kg)	Speed (m/s)	OH (mm)	PIT (mm)	Car Clear Height(mm)	Door height (mm)
450-1000kg	1.0	4300	1300	2200 with false ceiling	2100
	1.5	4400	1400		
630-1000kg	1.75	4500	1500	2200 with false ceiling	2100
	1.0	4400	1500		
1150-1600kg	1.0	4400	1500	2200 with false ceiling	2100
	1.5	4500	1600		

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LAYOUT - S820(up to 1000kg) MRL & S830-SD MMR (630-1000kg)

S820 - HOISTWAY ELEVATION - S830-SD

HOISTWAY PLAN

PLANNING GUIDE FOR DIMENSIONS - Deep Car- (630kg~1000kg)

Speed (m/s)	Capacity		Door Opening (mm)	Hoistway Size SW*SD(mm*mm)
	Person	Load(kg)		
1.0	8	630	SO 800/900	1750 x 1850
			CO 800	1850 x 1850
			CO 900	2000 x 1850
1.5	10	800	SO 800/900	1750 x 2150
			CO 800	1850 x 2150
1.75	13	1000	SO 800/900	1750 x 2550
			CO 800	1850 x 2550
			CO 900	2000 x 2550

PLANNING GUIDE FOR DIMENSIONS - Wide Car- (630kg~1000kg)

Speed (m/s)	Capacity		Door Opening (mm)	Hoistway Size SW*SD(mm*mm)
	Person	Load(kg)		
1.0	10	800	CO 800	2000 x 1850
			CO 900	2050 x 1850
			CO 1000	2150 x 1850
1.5	13	1000	CO 900	2250 x 1850
			CO 1000	2300 x 1850
1.75			CO 1100	2400 x 1850

PLANNING GUIDE FOR DIMENSIONS - Min. OH and PIT

Speed (m/s)	OH (mm)	PIT (mm)	Car Clear Height(mm)	Door height (mm)
1.0	3800	1400	2200 with false ceiling	2100
1.5	3950	1500		
1.75	4050	1550		

LAYOUT - S820(above 1000kg) MRL & S830-L MMR (1150-2000kg)

S820 - HOISTWAY ELEVATION - S830-L

HOISTWAY PLAN

PLANNING GUIDE FOR DIMENSIONS - Deep Car - (1150kg~2000kg)

Speed (m/s)	Capacity		Door Opening(mm)	Hoistway Size HW*HD(mm*mm)
	Person	Load(kg)		
1.0	15	1150	SO 1100	2500 x 2250
			SO 1200	2500 x 2400
			SO 1400	2500 x 2550
1.5	18	1350	SO 1200	2500 x 2850
			SO 1400	2700 x 2950
1.75	21	1600	SO 1400	2700 x 2950
	26	2000	SO 1400	2700 x 2950

PLANNING GUIDE FOR DIMENSIONS - Wide Car (1150kg~2000kg)

Speed (m/s)	Capacity		Door Opening(mm)	Hoistway Size HW*HD(mm*mm)
	Person	Load(kg)		
1.0	15	1150	CO 1100	2900 x 1850
			CO 1100	3050 x 1850
			CO 1100	3050 x 1950
1.5	18	1350	CO 1100	3050 x 2150
			CO 1100	3050 x 2550
1.75	21	1600	CO 1100	3050 x 2550
	26	2000	CO 1100	3050 x 2550

PLANNING GUIDE FOR DIMENSIONS - Min. OH and PIT for S830-L

Speed (m/s)	OH (mm)	PIT (mm)	Car Clear Height(mm)	Door height (mm)
1.0	3850	1650	2200 with false ceiling	2100
1.5	4000	1750		
1.75	4050	1800		

PLANNING GUIDE FOR DIMENSIONS - Min. OH and PIT for S820

Speed (m/s)	OH (mm)	PIT (mm)	Car Clear Height(mm)	Door height (mm)
1.0	4300	1650	2200 with false ceiling	2100
1.5	4450	1750		
1.75	4500	1800		

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Projects Highlight

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LV HQ, China.



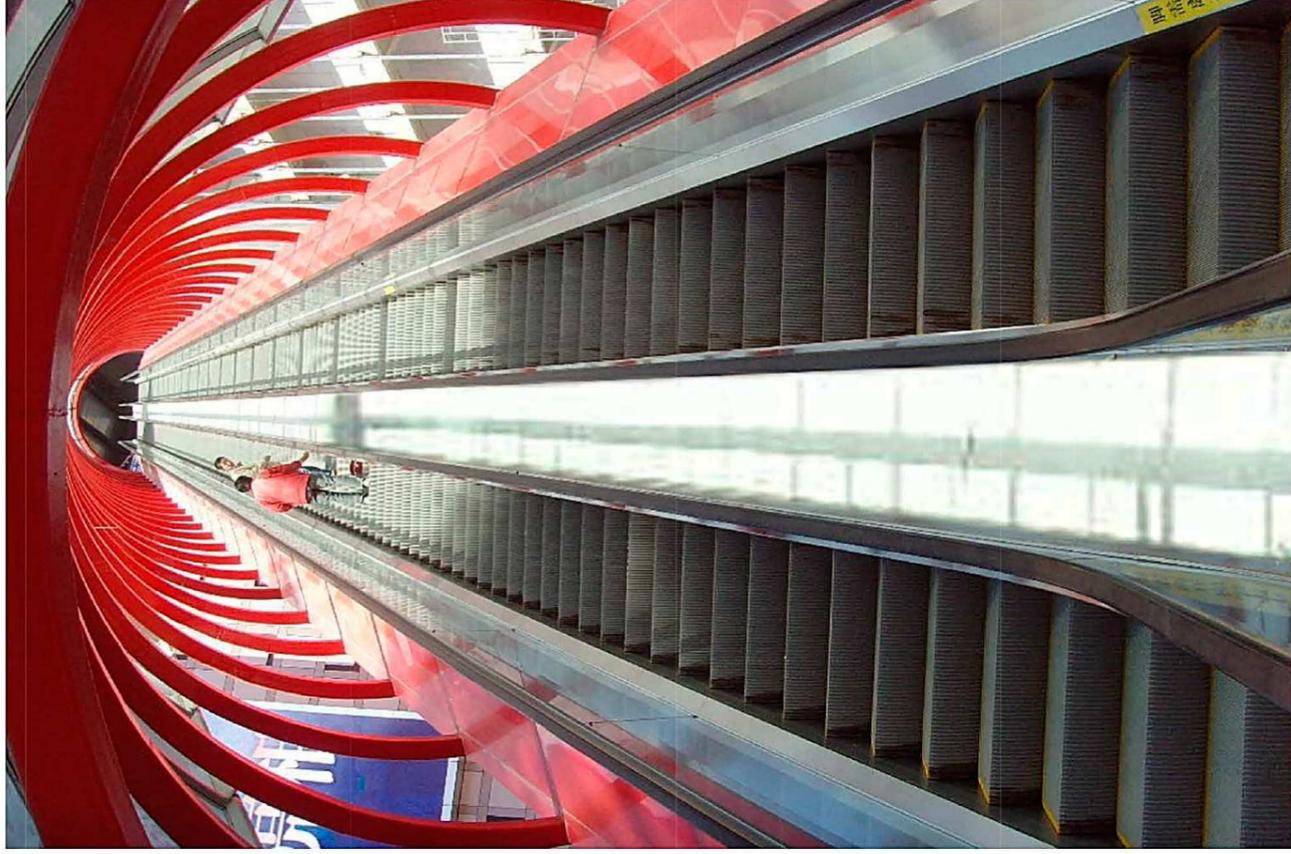
Audi Center Sydney, Australia.



Victory Park & Shop, Philippines.



Ruihua R&D Building, Xiamen, China.



Longment/Asia Pacific City, Shenyang, China



G Center, Israel.



Suzhou Railway Station, China.

Projects Highlight

SJEC
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Odincovo Shopping Center, Russia



Lous Aedgh, Armenia.



MATZLAWI BUILDING, Israel



Lotus Business Center, India.



Pelican Hill Residence, Turkey.



ZON TEKNOLOGI MKN EMBASSY, Malaysia.



Diamond Plaza, Myanmar



Harris Hotel-Bali, Indonesia



Punkthuse Office building, Denmark.



DB City, Bhopal, India

Projects Highlight

SJEC
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CANADIA BANK PLC, Cambodia.



Golden City, Cambodia.



VELLEIJ Shopping Center, Denmark.



Plovdiv Shopping Centre, Bulgaria.



Cocor, Romania.



Mall Artha Gading, Indonesia



AL-SULTAN BUILDINGS, Saudi Arabia.



New Saigon, Vietnam.



Saturn Mall, Greece.

Projects Highlight

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Sorya Mall, Cambodia.



Caracas Maiquetia airport, Venezuela



Art School, Singapore.



Jakarta CBD Ciledug, Indonesia.



House of Fraser Shopping Mall, England.



MEKONG CONDO, Cambodia



Chennai train station, India



Chennai airport, India



UMEA travel center, Sweden.



Krabi Airport, Thailand