

since 1984

# Passenger & Home Elevator

Professional· Efficiency· Quality· Service ▶





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## **Enterprise Spirit**



# SERNTA

Inherit from the German Technology of Hundred Years

**SERNTA** Elevator Enterprise Co., Ltd. was established in 1984. For over 30 years, "Professional, Efficiency, Quality and Service" is always our management maxim. The company is devoted to the elevator Research & development, production, and marketing to both domestic and overseas markets. The implementation of ISO9001 and ISO14001 could help provide the customers the most safety, comfortable, convenient, and economical products and service.

The Company established the Malaysia Branch in 2002. Until now, SERNTA is still the only officially-registered Taiwan elevator brand in Malaysia. The company is in operation with new lift Installation, old lift modernization, and regular maintenance at the local market, ever acquiring Royal residential lift, government 20-stop apartment lifts, working lift for 102-meter-high Gantry crane, and anti-explosion freight lifts.

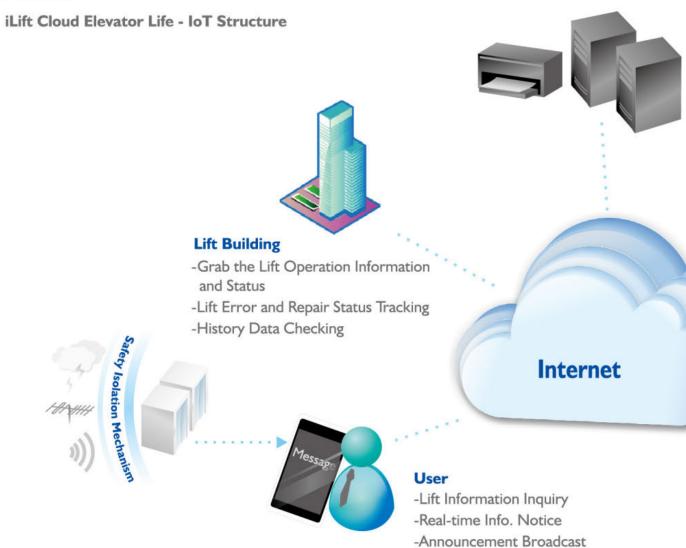
In 2009, the exporting department and Shanghai Branch were established, starting shipping the products to oversea markets including China, Korea, South-East Asia(Malaysia, Thailand, Cambodia, Singapore, Philippines, Vietnam, and Indonesia), South Asia(India, Sri Lanka), Mid-East Asia(Dubai, Abu Dhabi, Oman, Qatar, Egypt, Turkey, Kurwait, Iran), Eurpoe(Germany, Sweden, UK, Spain, France, Nederland, Republic of Macedonia, and Romania), Africa(Burkina Faso), Central and South America(Brazil, Argentina, Paraguay, Mexico, the Dominican Republic, Costa Rica, Ecudor, Peru, and Oceania(Australia).



# History

2019.10	Participated in the 6th-time Interlift Exhibition in Germany
2019.08	The subsidiary, named as SERNTA Elevator Philippines Inc., was found in Manila, Philippines
2019.07	Obtained the modernization project with 47-Stop-4-Grouping lifts in Taiwan
2019.07	10th anniversary for China Shanghai Subsidiary
2018.01	As the Top 15 elevator company in Taiwan
2017.05	Launched the lift product with the special gearless machine for narrow hoistway requirement
2017.01	Obtained the MRL Certificate from the Malaysia government
2016.10	Completed the lift construction for the Southeast Asia highest cranes in Malaysia
2016.03	Obtained the 3-ton anti-explosive lift construction project for Eternal Material chemical factory in Malaysia
2016.01	Certified with European Safety Certificate of EN-81 for Machine-Roomless Lift
2015.11	Technical Cooperation with Montanari, Italy
2015.08	Completed the new lift construction with 8 escalators and 9 lifts for one large restaurant
2015.04	Acquired the modernization project for the largest apartment complex in Southern Taiwan with 66 lifts
2014.07	30th anniversary of SERNTA Elevator Co., Ltd. in Taiwan
2013.09	Accomplished the Anti-Explosive lifts for Chi-Mei Plastic Factory
2012.12	SERNTA control system was qualified with the Korean functional and safety certificate
2012.06	10th anniversary for Malaysia company
2012.05	Cooperate with Germany Ziehl-Abegg for product implementation
2011.11	Gained the Europe CE EN-81 safety certificate for SERNTA control system
2010.10	Certified with TUV ISO 14001
2010.05	Obtained the new lift construction of the apartment complex with 20 floors in Malaysia
2009.10	Ist time to participate in the international lift exhibition in Germany, China and other countries
2009.07	The subsidiary in Shanghai, China was founded
2009.02	Completed the new lift construction of the Sudan's royal house in Malaysia
2008.11	Acquired the renewal construction of the 34-floor high-speed lifts in Kuala Lumpur, Malaysia
2008.09	Obtained the new lift construction of Thai Oil company
2008.07	The company successfully registered as the professional lift manufacturer in Malaysia, which is the first Taiwan lift brand
2006.10	Qualified by the Taiwan biggest elevator company, Yungtay Engineering, as the official home lift subcontractor
2004.08	Launched the gearless MRL elevator product
2002.07	Certified with TUV ISO 9001
2002.06	The Subsidiary in Malaysia, SERNTA Elevator (M) Sdn. Bhd., was established.
1984.07	SERNTA Elevator Engineering Co., Ltd is established.





#### The Purpose of iLift Elevator IoT

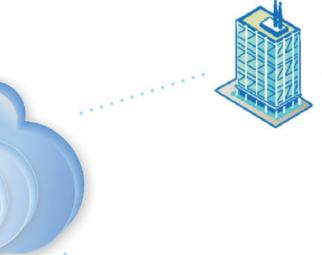
The Integration of Network Communication Technique Platform to Enhance the Lift Safety, Convenience, and Service Quality for Users

#### iLift IoT Service Solution:

- Remote Real-Time Monitoring and Quality Statistics
- Improvement of Maintenance Service Management
- © Complete Inspection, Record, and Tracking for Lift Operation Data
- © Voice or Visual Communication with the Passenger inside the Lift Cabin
- © Realization of the Lift Information Inquiry, Editing, and Data Management by Customers
- Statistics and Analysis of Lift Breakdown
- © Reminding Notice and Schedule Arrangement of Regular Inspection Work
- © Lift Breakdown Status Secure, Notice, and Tracking at the First Moment
- © Active Broadcasting and Transmission of Announcement and Information

#### Server/Database Storage

- -Collection of the Lift Operation Information
- -Cloud Computing Analysis / Error Record Tracking
- -Lift Operation Record
- -Information Broadcast and Storage Center



#### **Lift Company**

- -Statistics and Analysis of Lift Operation Data
- -Statistics, Analysis, and Tracking of Error Message
- -Lift Operation History
- -Active Reaction in Lift Maintenance and Service



#### **Building Management**

- -Security Control
- -Lift Operation History
- -Active Maintenance and Calling Repair
- -Remote Update and Transmission of Announcement

### Safety Requirement of Lift Operation Monitoring System

- Collection of Lift Operation Data
- © Collection and Broadcast of Image or Visual Information
- Direct Bi-directional Communication
- History Information Record of Lift Breakdown

#### Lift Safety Operation Monitoring Center

- © Voice and Visual Communication while Lift Breakdown
- Active Message Notice
- © Emergency Reaction while Lift Mantrap or Breakdown Notice



Higher Efficiency, Less Vibration, Less Noise, and Higher Eco-Friendly without Oil Pollution







**ZETATOP**, ZAdisc, and ZAsyn are the different model names of gearless traction machine. It combines with all the advantages of gearless machine, including the simple installation, high energy efficiency, excellent control, extreme low noise, and compact design to be suited for use in elevators with or without a machine room.

The gearless machines could provide steady operation and outstanding comfortability.



With Mayr brake inside with TUV safety certificate, the type-tested brake can be used as a safety device to prevent uncontrolled upwards cabin movement and unintended cabin movement from the landing.

Ziehl-Abegg's research & development center in Germany master not only the technique of motor design and production but also the control technique of motor driving and energy. It announced the ZAdyn series inverter and ZArec series power feedback unit to popularize the motor drive technology in the boost of the overall energy efficiency and continuity.

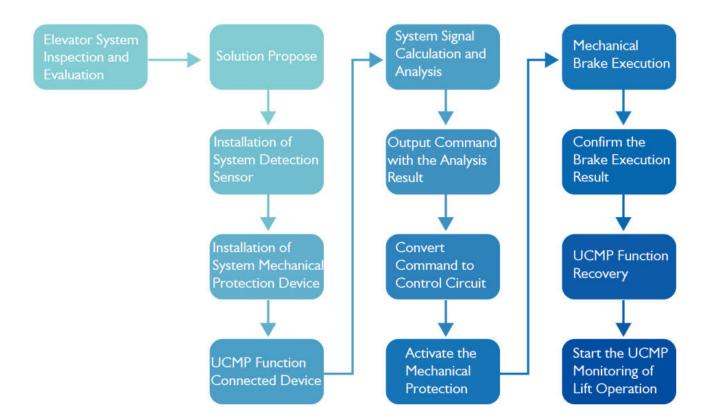
ZIEHL-ABEGG



#### **UCMP Safety Protection Function**

UCMP (Unintended Car Movement Protection) means that while the cabin in untended movement situation, the lift system would proceed the safety protection. It comes from the European lift standard EN81-1:1998. This function requirement is to enhance the lift safety protection. If the cabin is moving upward or downward while the car door is open, the UCMP safety system could activate the protection mechanism to stop the car in securing the passenger's safety.

#### **UCMP Solution Plan**



#### Control System

- © Elevator System Status Detection
- © Elevator Door Open Status Detection
- © Elevator Operation Position Detection
- © Elevator Real-time Operation Information Detection
- Elevator Brake Status Detection
- © Elevator Operation Speed Detection

#### **Protection Function**

- O Protection Execution of the Traction Machine Brake System
- Protection Execution of the Wire Rope Gripper
- Protection Execution of Bi-Direction Safety Gear

#### Brake System

- © Electrical Brake Function
- Motor Mechanical Brake Device
- Wire Rope Gripper Device



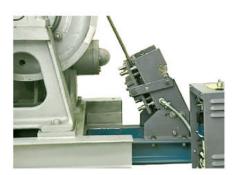


Hollister-Whitney, found in 1899 in Illinois of

United States, is a major supplier of elevator equipment worldwide. The foundation for undeniable quality began at Hollister-Whitney nearly 120 years ago and continues to dictate the products and services today. The deep-rooted focus on durability, longevity and serviceability upholds H-W's reputation for providing the most reliable elevator equipment available.



HW provides the extensive line of elevator hoist machines for gearless and geared applications. The product line also consists of elevator platforms, slings, safeties, guides, governors, buffers, equipment guarding, and the patented Rope Gripper systems.



#### Major Functions of HW Rope Gripper

- Prevention of the Elevator Cabin Over-Speed Upward or Downward Movement
- Prevention of Cabin Unintended Movement
- Prevention of the Sliding between the Main Sheave and Wire Ropes

"Hollister-Whitney Rope Gripper®" (U.S. Patent #5,228,540) is designed with the powerful grip force to grip the elevator wire ropes while the cabin is overspeeding or unintended moving while the door is open. It could be easily installed at each kind of platform. Even if the supply power is gone, the device protection would be still triggered in the prevention of the lift cabin unintended moving to provide the passengers a reliable safety protection.



#### **Energy Regeneration Device:**





#### **Operating Principle of Energy Regeneration:**

While the elevator is under operation, the traction machine would be under two different modes. One is the electrical motor consuming the energy and one is the generator generating the power. While under the generator mode, the inverter could covert the mechanical and kinetic energy to electrical power. Traditionally, the lift control system would install one set of resistor device to discharge the generated power to heat. Utilizing the latest technique, the control system could be installed with one energy regenerator device to convert the generated power of the motor as the AC power into the building power network to provide the electric energy to the use of other devices. It would reduce the energy consuming of the whole building.

#### The Benefit Analysis of Energy Saving

The energy saving effect of regeneration unit is related to the lift power, system design, and balanced system. Some circumstances below could cause in better energy saving effectiveness:

- a. The lifts with the higher travel distance, the more frequent usage, and the more mechanical potential energy generation
- b. The newly-installed lifts with higher mechanical inertia
- c. The higher-speed lifts with higher mechanical kinetic energy
- d. The higher-transportation-flow lifts with the higher usage frequency
- e. The higher-capacity lifts with the higher generation of mechanical kinetic energy





#### **Environment Friendly and Expenditure Reduction**

Therefore, hospitals, office buildings, and residential buildings would be the best appropriate places to install the energy regeneration devices in saving a lot of electrical fee expense every year.

Except for the energy saving, it could also eliminate the heat radiation from the brake resistors in the control of environmental temperature





**SERNTA** provide the optional selection for RST inverters made in Germany to provide the customers higher-quality and safer service.

RST Elektronik GMBH is well reputed by the professionals with the provision of lift control system in the global market. The products, with CE certificate and more advanced technology, could fulfill the customization demand in the provision of higher quality.



#### The latest VVVF Inverter

The VVVF-inverter range meets all typical requirements of the elevator market. The intuitive operating concept and robust dimensioning impress at every level. In combination with the IMC-2 controller, the customer enjoy an optimally matched package with "Made in Germany" quality.

	1984	1999	2002	2004	2011 2012  Germany Ziehl-Abegg Gearless
Traction Machine				Gearless	
Safety			Germany	TUV ISO Certificate	EU Lift CE Safety Certificate
Efficiency			Late	st 32-bit Microprocess	New-Gengeration Invertern or and Power Regeneration
Power Consumption	100%	85%	70%	50%	40% Energy Saving Rate 60%

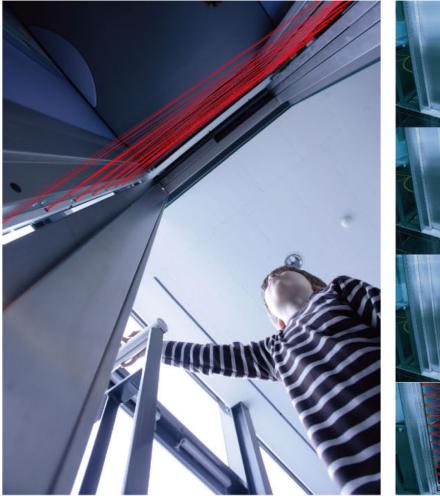


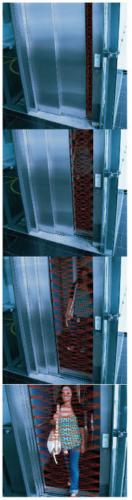


Found in 1986, CEDES develops intelligent, safe sensor solutions. The company combine pioneering spirit with Swiss quality to strengthen our customers' powers of innovation around the globe.

### **High-Performance Safety Light Curtain**

The latest version of the light curtain meets every requirement under EN 81-20. Its criss-cross beams, which remain active up to complete elevator door closure, offer a major increase in elevator door safeguarding.















Since its establishment in 1970, the significant investment in the creation of innovative products and in optimizing the enterprise technology has made Montanari Giulio & C. a cutting edge company, with

a well-recognized image but evolving, whose quality, service and reliability are recognized and appreciated in more than 80 countries.







Found in 1897 by Mr. Christian Mayr in Germany, mayr® power transmission provides optimum and tested quality: All products are rigorously

tested on calibrated test stands and adjusted precisely to the requested values to provide the products with the best safety, reliability and innovation.



ROBA®-duplostop®





ROBA®-twinstop® ROBA-stop®-silenzio®

#### Wire Rope Safe Standard

The selection standard of the elevator wire rope need to comply with all the requirements below.

#### The Scrap standard of Wire Rope

The elevator wire rope would be eventually broken by the corrosion, wear or fatigue even if it is under good maintenance or used properly

According to the criteria of ISO4344 and DIN EN12385, the wire rope is needed to be discarded immediately with any mechanical damage and bending fatigue or while the rope diameter is less than 6% of original design.



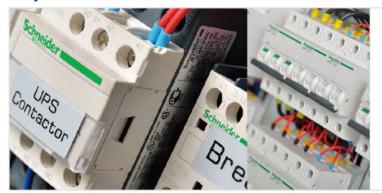




**Highly Abrasion Resistance** 



#### System Feature





#### France Schneider No-Fuse **Brake and Electrical Contactor**

Schneider Electric components from France, and is authenticated by ECM. It is much safer than the others.





#### **Swiss CEDES Safety Light Curtain**

Incorporated with high-end safety light curtain design, Sernta always consider the users'safety as the first priority. The light curtain could continuously proceed the detection from different angles in protecting the people and the goods.







#### Germany/ Japanese Steel Wire Rope

- ▲ Toughness
- ▲ Extend the using time limit



#### Latest 32-bit Elevator **Control System**

The 32-bit control system is qualified by CE(EN-81) Safety Authentication.

















### **Advanced True-Color TFT LCD** Display

- ▲ Real-Time Elevator Status Display
- ▲ Button Input and registering output
- ▲ Landing lantern output
- ▲ Graph message design
- ▲ Able to be collocated with COP-A button Board

## Comparison with other Manufacturer

Item	SERNTA	Traditional	SERNTA Advantage
Traction Machine	Germany     Ziehl-Abegg     Gearless Machine     with Mayr Brake     System      Italy Montanari     Gear or Gearless     Machine	I. Mostly Gear Machine	High Efficiency for Power Consumption     Up-Direction Over-Speed Protection     Highly Reliability and Longer Life Cycle
Control System	I. Latest 32-Bit Microprocessor	PLC Controller     8-Bit Microprocessor     No Safety Certificate	<ol> <li>CE Safety Certificate</li> <li>32-bit Microprocessor Control Unit</li> <li>High-Speed Serial Communication Interface</li> </ol>
Electrical Component	France Schneider	Less Reliability Brand	CE Safety Certificate     Schneider Electric is a leading company in the digital transformation of energy management and automation.
Safety Light Curtain	CE Safety Certificate     Schneider Electric is     a leading company     in the digital     transformation of     energy management     and automation.	Optional Product     Less Safety and     Funtional	<ol> <li>Conformity with the standard of EN81-20</li> <li>Detection from different angles to prevent from the accident</li> <li>CEDES is a global leader in optical sensors utilizing active infrared technology and image processing.</li> </ol>
Wire Rope	Germany/Japanese Wire Rope	Unknown	With the characteristics of highly anti-fatigue, highly abrasion resistance and less Extension for longer life cycle
Floor Indicator	True-Color TFT LCD Display	LED Dot Matrix	Modern Design     Animation and Graphics Demonstration
Lead Time	Controller: I months Whole Lift: 2 months	Controller: 6~8 months Whole Lift: 10~15 months	The most efficiency to Satisfy the Customer Urgent Demand
Lead Warranty  Time 11	36 months	12 months	The best warranty and after-sale service
12 <u>Q</u>	iLift Cloud IOT	N/A	Remote Monitoring and Control     Upgrading Maintenance Service     Lift Break-Down Prevention,     Analysis and Statistics

#### Green Lift

#### Permanent Magnet (PM) Synchronous Motor

Sernta utilize the design of the new technology - PM synchronous motor. As below is the character.

#### High Efficiency

The mechanical efficiency of PM motor could reach to 95% above and the power consumption is only half of the traditional gear motor and one third of the hydraulic motor.

#### Less Noise

The operation sound of PM motor is 20dB less than the traditional gear machine to provide the users more quiet living space.

#### Less Vibration

PM motor is incorporated with the character of low speed with high torque. It would provide the passengers more comfort lift experience by the less vibration while the lift operating and arriving.

#### High Environmental-Friendly

There is no oil pollution and maintenance cost increase from the yearly machine oil change.

#### Less space

Without machine room construction, the traction machine, control system, and etc. are installed in the hoistway to enhance the better utilization of the architecture space.

#### **Machine Room-Less Elevator**

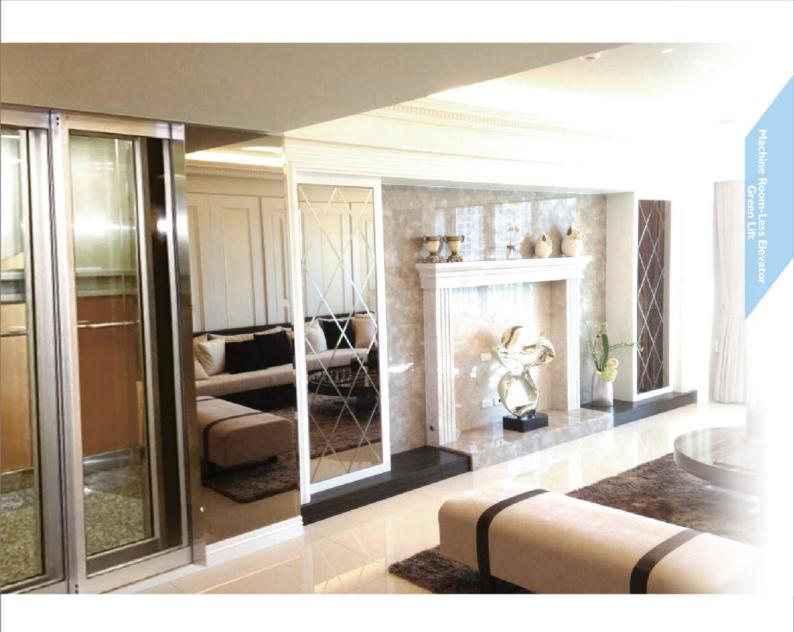
With the specialized traction machine designed, there is no machine room needed for the machine room-less elevator. The innovative design is integrated with the modernization, humanization, as well as advanced technology. This design could provide more available space for the building design. and is well fitted in the houses, business buildings, schools, factories, and etc.

Passenger Elevator (MRL) Standard Specification Note: this table based on 75kg/Person

Specification	Load	Speed	Door OP width	Size of Car	Over Head	Pit Depth	Hoist Way
	(kg)	(m/min)	W (mm)	a*b (mm)	OH (mm)	P (mm)	X*Y (mm)
P5-2S	400	45		900*1120	4250	1350	1600*1600
P3-23	400	60		900 1120	4550	1500	1000 1000
P6-2S	450	45		1000*1200	4250	1350	1700*1700
P0-23	430	60	000	1000 1200	4550	1500	1700 1700
P8-CO	630	60	800	1400*1100	4450	1300	
F6-CO	030	90	1400 1100	4550	1600	2100*1700	
P10-CO	750	60		1400*1300	4450	1500	2100*1700
P10-CO		90		1400 1300	4550	1600	1.05
		60			4450	1500	
P13-CO	1000	90		1600*1400	4550	1600	2300*1800
		105	900		4600	1000	
		60	900	10	4450	1500	
P15-CO	1150	90		1600*1600	4550	1600	2300*1900
		105		Ĭ.	4600	1000	

<sup>©</sup> The specification showed above is only for reference. Please contact us for further information.





Passenger Elevator (MRL) Standard Specifucation © Note: this table based on 75kg/Person

Specification	Load	Speed	Door OP width	Size of Car	Over Head	Pit Depth	Hoist Way
	(kg)	(m/min)	(mm)	a*b (mm)	OH (mm)	P (mm)	X*Y (mm)
	1350	60		1700*1800	4450	1500	2550*2150
P18-CO		90	1000		4550	1600	
		105			4600		
	1600	60	1850*1800 4550	1850*1800	4450	1500	
P21-CO		90			4550	1600	2700*2600
		105		1000	·		
P24-CO		60	1100	4450	1500		
	1800	90		2000*1800	4550	1600	2800*2600
		105			4600	1000	

 $<sup>\\ \</sup>hbox{$\circlearrowleft$} \ \text{The specification showed above is only for reference. Please contact us for further information.}$ 

#### Passenger Elevator Standard Specifucation

O Note: this table based on 75kg/Person

	.oad	Speed	Door OP	Size of Car	Over Head	Pit Depth	Hoist Way
(			Mandth		Overriedu	i it beptii	Tioist way
(			width W	a*b	ОН	Р	X*Y
	(kg)	(m/min)	(mm)	(mm)	(mm)	(mm)	(mm)
P5-2S 4	400	45		900*1120	4250	1350	1600*1600
F 3-23 4	+00	60		300 1120	4550	1500	
P6-2S 4	450	45		1400*850	4250	1350	1800*1500
F0-23	6	60	200	1400 030	4550	1500	
P8-CO 6	530	30 60 800	1400*1100	4450	1300	1800*1700	
18-00	330	90		1400 1100	4550	1600	1000.1700
		60			4450	1500	
P10-CO 7	750	90		1400*1300	4550	1600	1900*2000
		105			4600	1000	
		60			4450	1500	
		90			4550	1600	
P13-CO 10	000	105	900	1600*1400	4600	1600	2100*2000
13.7		120			5100	1900	
		150			5300	2100	
		60	900	1600*1600	4450	1500	2200*2200
		90			4550	1600	
P15-CO 1:	150	105			4600	1000	
	1	120			5100	1900	
		150			5300	2100	
		60	00	1700*1800	4450	1500	2400*2300
		90			4550	1600	
P18-CO 1	350	105			4600		
		120		5100	1900		
		150			5300	2100	
6.111111/4		60		All the se	4450	1500	
7		90			4550	1.000	
P21-CO 1	600	105		1850*1800	4600	1600	2500*2500
41111112		120			5100	1900	
		150	1100		5300	2100	
		60	1100	2000*1800	4450	1500	
		90			4550	maron or other	2600*2500
P24-CO 18	800	105			4600	1600	
The Property of the Party of th	1000	120	-		5100	1900	
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The specification showed above is only for reference. Please contact us for further information.

#### BOMBA

O Note: this table based on 75kg/Person

						timo tuore out	a on rong resent
Specification	Load (kg)	Speed (m/min)	Door OP width W (mm)	Size of Car a*b (mm)	Over Head OH (mm)	Pit Depth P (mm)	Hoist Way X*Y (mm)
		60			4450	1500	2100*2500
		90			4550	1600	
P13-2S	1000	105		1100*2100	4600		
		120			5100	1900	
		150	900		5300	2100	
		60	300	1300*1850	4450	1500	
		90			4550	1600	
P13-2S	1000	105			4600	1000	2200*2200
		120			5100	1900	
		150			5300	2100	





### **Super-Wide LCD Display**

#### Feature

The LCD display with special-dimension design could not only provide multimedia information but also eliminate the disadvantages of less information showed, minor font factor, and space imitation in building a more creative application space.

#### Function

- © Elevator Real-Time Indication
- © Broadcast High-Resolation Multimedia
- Opnamic Slide Show of Pictures
- Scrolling Text message
- O Display Screen Cutting Allocation
- More Real-Time Information Update after the Internet Connection





**Multi Touch** 



Scrolling Text Display

### **Color LCD Display**

#### Feature

- ⊚ Graphical Message Design
- Background Customization
- Photo Slideshow with over 100 stored Pictures



Graph Design







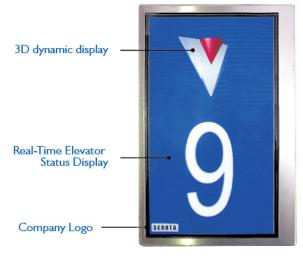








LCI-F-E2



LCI-F-EI



LCI-F-E2

## **Car Operation Panel**



COP-F-II-C02

7" LCD Panel (Folded)



MLD-A-H I Super-Wide 28" /38" LCD Display

### Hall Indicator



HOP-E-05 7" LCD Display

## **Hall Operation Panel**



HOP-F-03 4.3" LCD HOP Handicapped



HOP-F-04 4.3" LCD HOP Handicapped Union Control









HOP-C-06

HOP-B-06

**Button Panel** 



HOP-C-02



HOP-F-11-C02 4.3" LCD HOP(Folded)



HOP-F-01-C02 4.3" LCD HOP



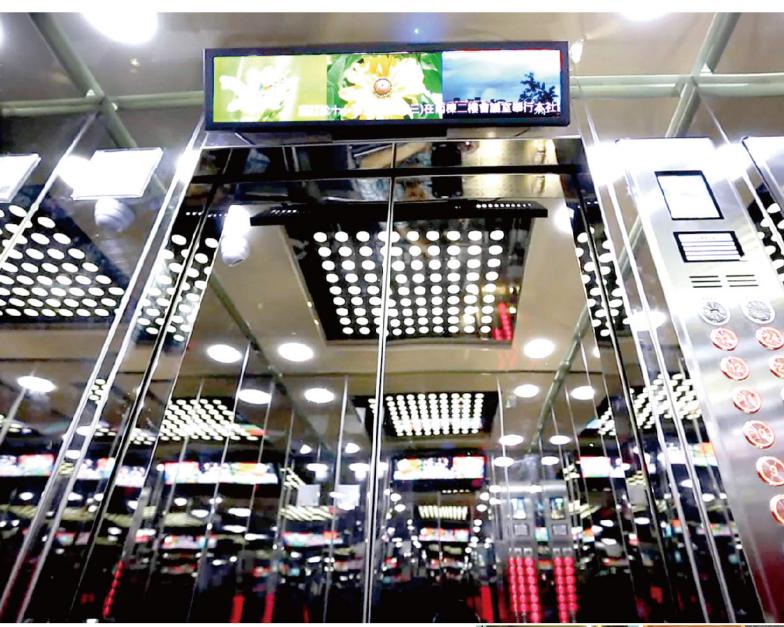
HOP-F-02-C02 4.3" LCD HOP Union Control



COP-F-02 Handicapped 4.3" LCD HOP

### **Cabin Collection**

With the high-quality product and competitive price, Sernta provides the cabin standard design planed by the professional design team to fulfill different demand from the customer segments.



Customization can be helpful in meeting specialized or idiosyncratic needs





#### Standard



Classic Silver SES-5

### Ceiling CEL-A-01

Baked Enamel Steel with Stainless Steel

#### Walls

Hairline Stainless Steel

#### Flooring 8BF **PVC**

### Handrail H03



Reveal CDR-A-01 Hairline Stainless Steel

#### Standard



POP Blue SES-6

### Ceiling CEL-B-03

Baked Enamel Steel with Acrylic

#### 0231MC Walls

Steel with Laminate (Blue)

#### Flooring 8B2 PVC

#### Handrail H01 Stainless Steel (Round)





Reveal CDR-D-02 Steel with Laminate (Blue)

#### Standard



Noble Wood SES-7

#### Ceiling CEL-A-02 Baked Enamel Steel

with Stainless Steel

#### **KW-04** Walls

Colored Steel (Wood Grain) Mirror Stainless Steel

Flooring 8BF **PVC** 

#### Handrail H01 Stainless Steel (Round)





Reveal CDR-B-02 Colored Steel (Wood Grain)

### Designed



Technical Style SED-1

### Ceiling CEL-C-01

Baked Enamel Steel

#### Walls HJ-283 Mirror+Etched Mirror

Stainless Steel

#### Flooring 8BF PVC

#### Handrail H03 Stainless Steel (Flat)





Reveal CDR-A-02 **Etched Mirror** Stainless Steel

### Designed



### Pandora SED-8

#### Ceiling CEL-B-05 Baked Enamel Steel

with Acrylic

#### HJ-237 Walls

Etched Titanium Coating with Mirror Stainless Steel

#### Flooring 8BF **PVC**

#### Handrail H02

Walunt Wood Embedded in Stainless Steel





Reveal CDR-A-04 **Etched Titanium** 

Coating Stainless Steel

### Designed



Elegant Grain SED-5

### Ceiling CEL-A-02

Baked Enamel Steel with Stainless Steel

Walls KW-07
Colored Steel (Wood Grain)

#### Flooring 8B6 PVC

Handrail HOI Stainless Steel (Round)





Reveal CDR-B-01

Colored Steel (Wood Grain)

### Designed



#### Customize

# Ceiling CEL-B-05 Baked Enamel Steel

#### with Acrylic Walls **KW-03**

Colored Steel (Wood Grain) Mirror Stainless Steel

Flooring 8B2 PVC

Handrail H03 Stainless Steel (Flat)





Reveal KW-03 Colored Steel (Wood Grain)

### Designed



## Technical Style

# Ceiling CEL-A-01 Baked Enamel Steel

with Stainless Steel

Mirror+Etched Mirror Stainless Steel

### Flooring

PVC

#### Handrail H03 Stainless Steel (Flat)





Reveal SNC-6 Mirror Stainless Steel

## The Invisible Quality, SERNTA Insist for You

"Professional, Efficiency, Quality and Service" is always the management maxim to provide the customers the best product and complete service.

"Lead in the Technology, Arrive at the Perfect" is the company quality policy to provide customers the safest, most comfortable, most functional, and most economic products and service.



#### **Cabin Decoration**

Here is the standard design of the celling. landing door, cabin wall type and floor material for the customized selection.

### Elevator Apperance



Hairline Stainless Steel **CDR-A-01\*** 



Mirror Stainless Steel **CDR-A-03\*** 



**Etched Mirror** Stainless Steel CDR-A-02\* HI-283



**Etched Titanium** Coating Stainless Steel HJ-237



Colored Steel (Yellow Wood Grain) CDR-B-01 KW-07



(Brown Wood Grain) CDR-B-02 KW-04



Colored Steel (Wood Grain) CDR-B-03 KW-03

### Door Jamb



Standard DOF-01



Inwardly (Width) **DOF-02\*** 



Straigthly (Width) **DOF-03\*** 

#### Transom



DOF-XX-L\*

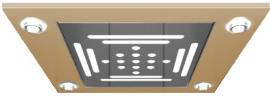


DOF-XX-E\*

### Ceiling



Baked Enamel Steel with Stainless Steel CEL-A-01



Baked Enamel Steel with Stainless Steel CEL-A-02



Baked Enamel Steel with Stainless Steel **CEL-A-03\*** 



Baked Enamel Steel with Acrylic CEL-B-03



Baked Enamel Steel with Acrylic CEL-B-04



Baked Enamel Steel with Acrylic **CEL-C-03\*** 



Baked Enamel Steel **CEL-C-01\*** 

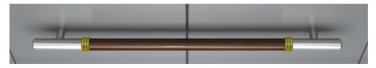


Baked Enamel Steel with Mirror Stainless Steel CEL-D-01\*

#### Handrail



Stainless Steel HOI



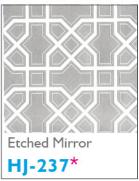
Walunt Wood Embedded in Stainless Steel H02\*

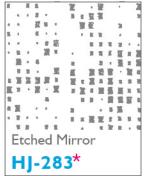


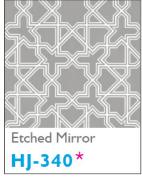
Stainless Steel H03

### Walls Material

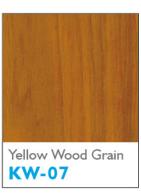
















### **PVC Tile**









### **Successful Case**





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