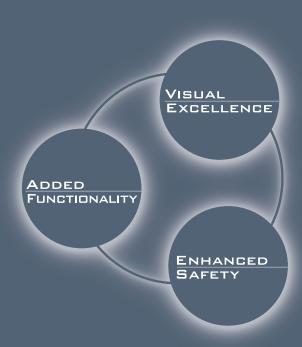


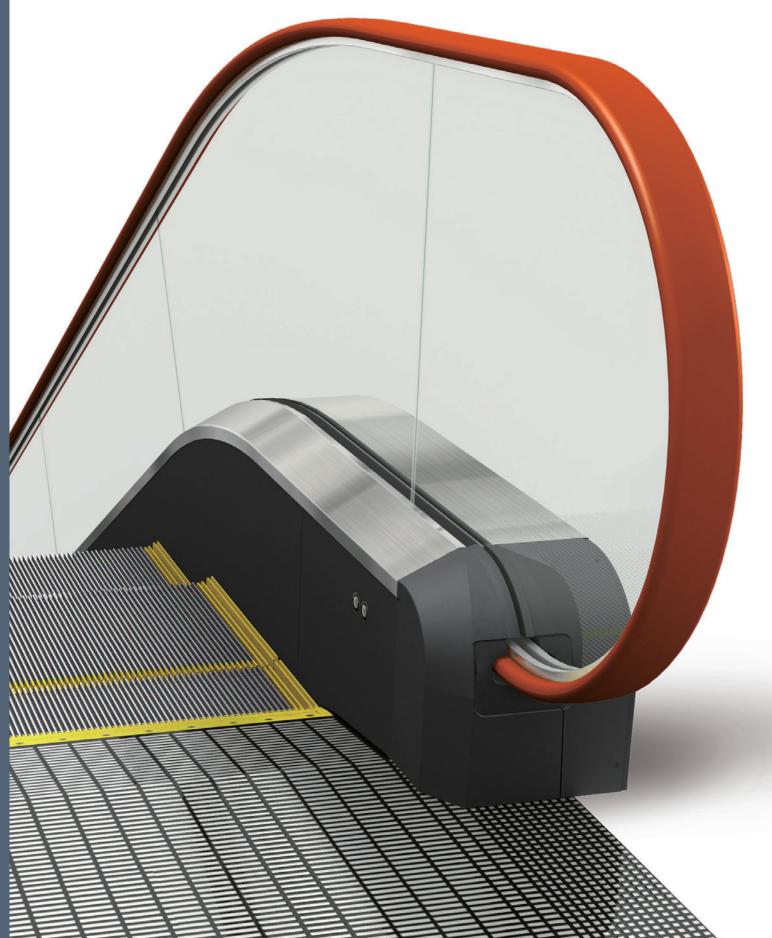
Our new escalator Series Z offers more than just a way to carry passengers



Aesthetic elegance and flexibility are concepts expected more than ever. Our new escalator Series Z comes in a simple, yet sophisticated design, offering the utmost in flexibility to blend with any building decor. Our years of experience in safety-oriented production, based on a strong belief in the importance of safety, have led to a variety of safety features, as well as a wide range of value-added functions that help you customize your own escalators, creating uniqueness in and incomparable value for your building properties.

The Mitsubishi Electric Series Z Escalator fulfills and indeed exceeds customer expectations, through the collaboration and utmost performance of visual, functional and safety elements.

Feel the elegance, high quality and comfort of the Series Z in your building.



Models for various scenes 3-4

STANDA

VISUAL EXCELLENC Features that blend with architecture

Brings elegance and sophistication to your building

STANDARD

ENHANCE

Safety-oriented and 7-8 customer-friendly designs

Offers enhanced safety and comfort

OPTIONAL

ADDED FUNCTIONALIT Versatile functions to select from

nables customization for uniqueness

OPTIONAL

Automatic Operation / Variable-Speed Operation

Standard specifications 1

11

Cautions for outdoor use / Remote monitoring

Escalators in the graphics are based on the Japan Code, with optional Fluoropolymer Coating on Skirt Guard.



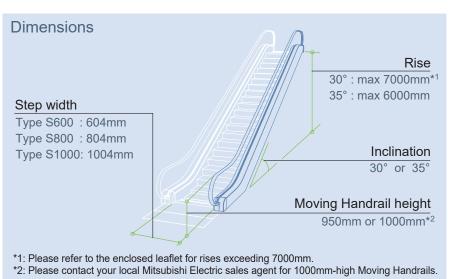
1

odels for va<mark>rious scenes</mark>

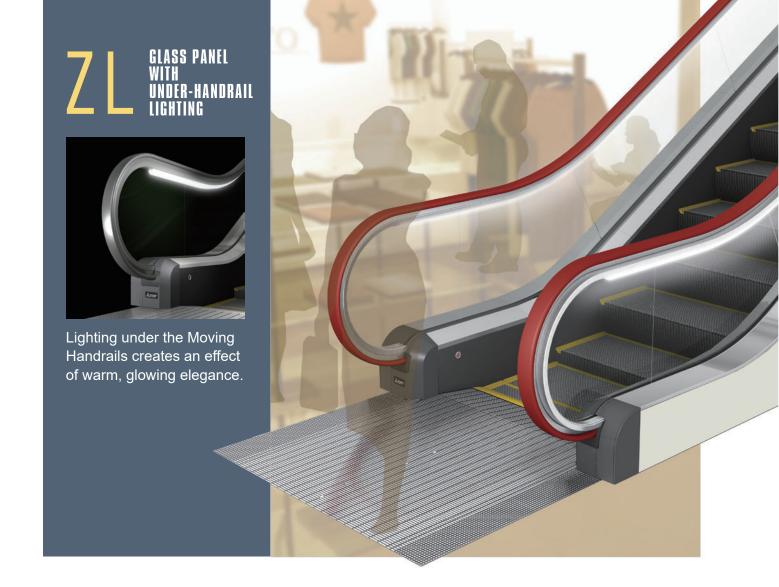


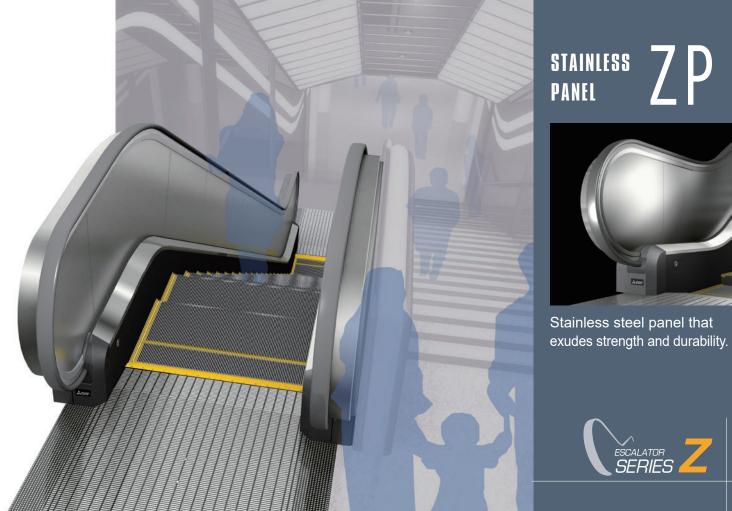
The simplest of designs blends with any building decor, adding a quiet, sophisticated air to your architecture.





Escalators in the graphics are based on the Japan Code, with optional Fluoropolymer Coating on Skirt Guard.













eatures that blend with architecture

Our new Escalator Series Z serves passengers naturally and peacefully.



Rounded Handrail Inlet Cap

Our rounded Handrail Inlet Cap streamlines with the Moving Handrails, lending a silent elegance to the boarding and landing areas.



Screw-free Inner Deck

Removing screws from the Inner Deck side face not only presents an even softer, more simple look, but also removes the danger of passengers snagging their clothes.



Clearly-contrasted Floor Plate

For improved visibility and smoother passenger flows, extended areas from the Moving Handrails feature different pattern with a clear contrast



Space Saving

Shortening the Truss by 205mm* requires less escalator installation space and increases freedom in building layout.

* Compared with the Mitsubishi Electric Series J Escalator (for EN115), except for VVVF control.

Colors available for Moving Handrails (rubber) Only "No. 0001 Black" is standard. Other colors are optional.













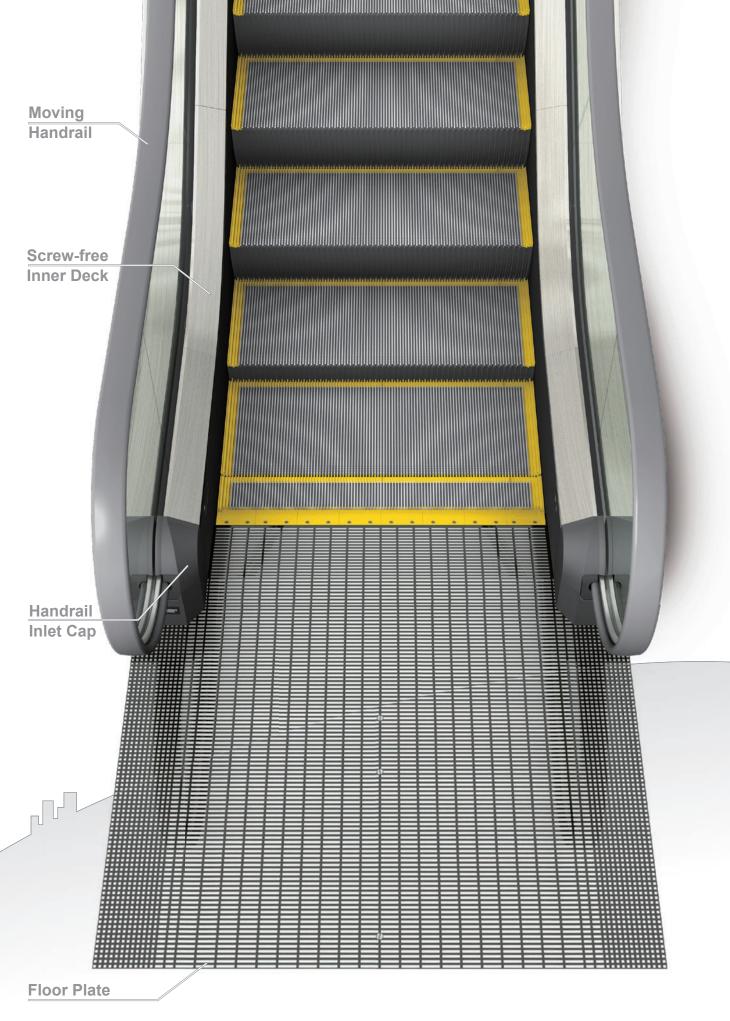












Escalators in the graphics are based on the Japan Code, with optional Fluoropolymer Coating on Skirt Guard.

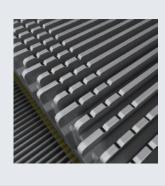


Safety-oriented and customer-friendly designs

ENHANCED SAFETY

You'll truly feel the difference.

Safety and ride comfort are
the ultimate goals for Mitsubishi.



Step

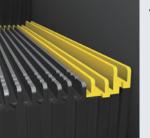
Tiered Demarcation Line

Demarcation Line

Comb

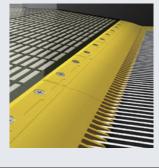
Step with Anti-Slip Grooves

Grooves along the corner edge of each step improve anti-slip performance and the visibility of each step for further passenger safety.



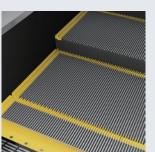
Tiered Demarcation Line

Demarcations along both sides of a step are raised from the step surface, thereby preventing passengers from getting too close to the skirt guards and preventing clothes from getting caught between a step and skirt guard.



Comb with Smaller Angle

Mitsubishi recognizes how critical the Comb teeth angle is: even a small gap between the Comb and Step can result in a serious accident. Putting our years of experience and research to full use, we have made the angle the smallest it can be (10° to the horizontal) to keep passengers and items such as baggage from stumbling or getting caught between the Comb and Step.



Brighter Demarcation Color

Attention to the smallest details is the chief theme of Mitsubishi's safety criteria, and the color of the Demarcation Line is no exception. The yellow Step and Comb Demarcation Line comes as standard and its brightness has been improved to provide better visibility of the Step, Comb and Floor Plate than in our other models.



Escalators in the graphics are based on the Japan Code, with optional Fluoropolymer Coating on Skirt Guard.

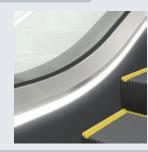
7

ADDED **FUNCTIONALITY**

ersatile functions to select from

A wide range of optional features help you customize your own escalators, contributing to increased property value.

Lighting*1



Skirt Guard Lighting*2

Lighting can be provided along the entire length of the skirt guard, lighting up the step demarcation for both visual effect and passenger safety.



Comb Light

Lighting provided at Comb level increases illumination, which further improves passenger safety around the Step as well as visual effect.

Directional Indicators at boarding and landing areas*1*3



Handrail Inlet Cap LED Indicator

LED lamps form an arrow to indicate the escalator's traveling direction for boarding, or a No-Entry sign at the landing areas.

Warning System*3



Outer Deck Sensor*4

When a sensor on the Outer Deck detects a passenger leaning outside the Moving Handrail, a buzzer and voice sound to alert the passenger to the potential danger of bumping against an adjacent escalator or wall.



Inlet Sensor

This sensor keeps any passengers or foreign objects away from the Handrail Inlet, a warning buzzer and voice sounding when a person or object comes close to the Inlet.

More Options



Floor Name

Floor names can be engraved on each floor plate to help passengers quickly identify which floor they are on.



Fluoropolymer Coating on Skirt Guard*5

The Skirt Guard can be coated with a friction-reducing resin to reduce the chance of passengers stumbling when their shoes come in contact with the Skirt Guard.



- *1: For available combinations of optional features, please refer to the Specifications on the enclosed leaflet. *2: Not applicable to semi-outdoor and outdoor use.

- *3: Not applicable to outdoor use.
 *4: Not applicable to model ZP.
 *5: Standard feature in countries where EN115 applies.



utomatic Operation / Variable-Speed Operation

Inverter-controlled Automatic and Variable-Speed Operations

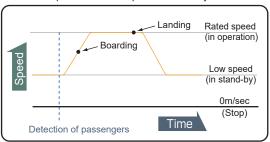
VVVF Control (Variable Voltage, Variable Frequency)

Our newly-developed, innovative escalator inverter enables a unique way of controlling the escalator speed in Automatic and Variable-Speed Operations. In Variable-Speed Operation, the escalator speed can be selected according to the frequency of use, number of passengers, and more. Please contact your local Mitsubishi Electric sales agent for VVVF control.

Post-Free Automatic Operation

Sensor Posts are no longer needed, as the sensors embedded in the Handrail Inlet Cap detect passengers and control Automatic Operation. The escalator operates at a low speed in stand-by, and gradually increases speed to the rated speed after detecting a passenger approaching the boarding area.

Escalators operate at a low speed in stand-by.





- *1: Handrail Inlet Cap LED Indicator:
- Remains the same regardless of the operating speed during Automatic Operation.
- A separate option, and not included in Post-Free Automatic Operation.

Automatic Operation with Posts



Sensor Posts located on both sides of the landing and boarding areas incorporate traditional Beam Sensors, with or without*2 Directional Indicators allowing or denying passenger entry.

Control by AC1, instead of inverter control, can be adopted in Automatic Operation with Posts, whereby the escalator remains stationary on stand-by.

*2: For escalators stationary in stand-by, Directional Indicators are required in countries where EN115 applies.

Variable-Speed Operation

Two more speeds*3, not exceeding the rated speed, can be added to your escalator to make it possible to operate at three different speeds. The speeds are selected using a key switch, set at Low or Middle for the added speeds and High for the rated speed, thereby allowing you to select the best speed for each set of traffic conditions.



^{*3:} For an escalator with a rated speed of 0.6m/sec, for example, additional speeds of 0.5m/sec and 0.3m/sec can be set. For more information, contact your local Mitsubishi Electric sales agent.

tandard specifications

Basic specifications

Please refer to the enclosed leaflet for EN115 code or Japan code

Item	S600	S800	S1000			
Models	ZS / ZL / ZP					
Codes	E	N115 *1 code / Japan cod	le			
Power supply		AC 3-phase, 50 or 60Hz				
Lighting power supply	A	C single-phase, 50 or 60⊢	lz			
Rated speed		0.5m/sec				
Control system	Sta	ndard: AC1 Option: VVV	′F *2			
Theoretical transport capacity *3 (persons/hr)	4500	6750	9000			
Inclination	30° / 35°					
Environment	Standard: Indoor Option *4: Semi-outdoor / Outdoor					
Automatic oiler	Standard: None Option: Available					
Min. rise (mm)	30°: 2203 35°: 2527					
Max. rise (mm)		30°: 7000 *5 35°: 6000				
Step width (mm)	604	804	1004			
Escalator width (mm)	1150	1350	1550			
Between Moving Handrails (mm)	840	1040	1240			
Between Skirt Guards (mm)	610	810	1010			
Truss width (mm)	1100	1300	1500			
Floor opening (mm)	1250	1450	1650			

- *1: The specifications differ depending on the publication year of the code. Please contact your local Mitsubishi Electric sales agent for details.
- *2: Please contact your local Mitsubishi Electric sales agent for VVVF control.
- *3: Transport capacity varies depending on actual traffic conditions, so some dimensions and the motor capacity may have to be changed. Please contact your local Mitsubishi Electric sales agent for details if the number of passengers during peak time may equal or exceed the following numbers:

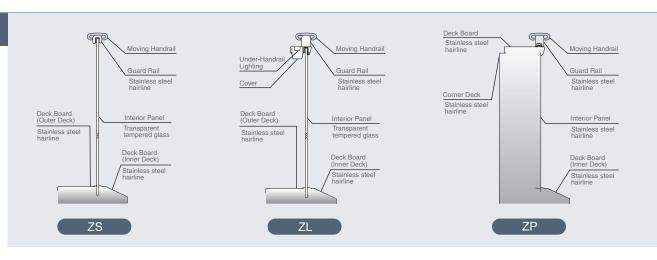
S600: 525 persons per 10 minutes

S800: 785 persons or more per 10 minutes

S1000: 1050 persons per 10 minutes

- *4: Please contact your local Mitsubishi Electric sales agent for semi-outdoor and outdoor use. For outdoor use, please refer to "Cautions for outdoor use" on page 13.
- *5: Please refer to the enclosed leaflet for rises exceeding 7000mm.

Sections of Balustrade





11

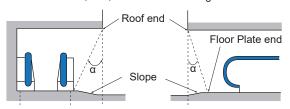
autions for outdoor use / Remote monitoring

Cautions for outdoor use

A roof must be provided over outdoor escalators. In rainy weather without a roof, passengers are in great danger of having their umbrellas blown away by the wind or falling down on the slippery Steps. In hot weather, the Moving Handrails and Deck Boards can easily heat up in the sun to a surface temperature exceeding 50°C, causing the unnecessary chance that passengers could get burnt on the overheated elements. In addition, when not covered by a roof, the life and performance of outdoor escalators seriously deteriorate, leading to shorter product life and higher cost for maintenance.

1. How to define outdoor escalators

Escalators are classified into three categories: outdoor, semi-outdoor and indoor. Outdoor escalators are defined as escalators exposed to environmental factors such as wind, rain, snow or direct sunlight.



Indoor	α>70°
Semi-outdoor	70°≥α≥ 30°
Outdoor	α<30°

Angle α in the illustration varies depending on the direction in which the escalator is viewed. Check how the angle varies, take the smallest angle, apply it to the table above and determine the escalator type.

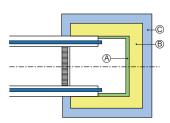
2. Environmental requirements for outdoor escalators

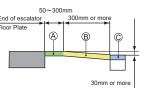
Permissible ambient	Minimum	-10°C (special measures are required in cold districts where the ambient temperature can drop below $-10^{\circ}\text{C})$
temperature	For escalator operation	0°C ∼ less than 35°C
Wind pressure		Escalators must not be exposed to direct wind pressure outside the following ranges: 490N/m² or less on the windward side, 245N/m² or less on the leeward side
Others		Measures are required for escalators installed within a 2-kilometer radius from a shore to protect them from direct exposure to salty wind.

3. Architectural requirements for outdoor escalators

- (1) Intermediate support beams must be provided.
- (2) The level of the escalator Floor Plate must be higher than the floor finish of the building to minimize the chance of rain or cleaning water running into the escalator truss. Area (B) in the illustrations to the right must be at a slope of at least 10°, and the surface of (A) must be horizontal to minimize the risk of passengers stumbling.
- (3) Drainage must be provided in the entire area marked © and covered with grating to keep away
- (4) The escalator pit must be waterproofed entirely when a whole truss is installed inside the pit. In addition, the upper pit floor must be sloped towards the lower floor to let any water in the pit drain out and down.
- (5) If there is a chance of the lower machine room getting flooded, drainage equipment, such as a drain pump, must be provided to discharge any water.
- (6) Water in the lower pit will contain lubrication oil, so a grease trap should be provided to separate the lubrication oil from the water. The capacity of the grease trap is determined according to the escalator size and maximum amount of expected rainfall.
- (7) Water may drip from the exterior panels of the escalator. Take waterproofing measures for equipment or items under the exterior panels if water is likely to cause problems or accidents.

Detailed floor plan for outdoor escalators





Please contact your local Mitsubishi Electric sales agent for outdoor use.

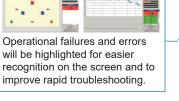
Remote monitoring

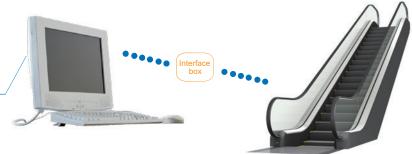
13



Mitsubishi Electric's MelEye is a sophisticated Web-based elevator and escalator monitoring and control*1 system that allows authorized personnel to respond rapidly to changing traffic patterns and other operational conditions. It improves passenger safety and reliability of your building management.







- *1: Please note that MelEye is designed for monitoring of escalator operation, not to control the escalators remotely.
- *2: Contact your local Mitsubishi Electric sales agent for a brochure or further information

MPORTANT INFORMATION

Work not included in the escalator contract

The following items are not included in Mitsubishi Electric's escalator installation work. and the responsibility for carrying them out lies with the building owners or general contractors:

- Building construction and alterations associated with escalator installation
- Provision of intermediate support beams (if required)
- Provision of truss-supporting beams, including mounting plates
- Floor finishing after escalator installation
- Provision of fire-proofing and fire-prevention measures for escalator exterior materials and around escalator installation
- Provision of fire-prevention shutters (if required by local codes or regulations)
- Wiring for the escalator's main drive and lighting, from around the middle portion of the truss to the escalator's Control Unit in the upper truss
- Other wiring and electric conduits
- Provision of convenience outlets in the upper and lower truss
- Outer panel sheathing of truss
- Provision of inspection doors (lockable doors if installed in an environment where anyone could access and open the doors)
- All items for which procurement by building owners is instructed (with wording such as "by owner")

Notes on building work

- Tolerance in distance between supporting beams: +30mm to 0 or 13/8" to 0"
- Flooring around the escalator must not be finished until the escalator is installed
- Flooring within 300mm or 12" of the escalator Floor Plate must not be finished until the Floor Plates are in place
- Sprinkler pipes or wiring for soffit lights, or any other electric conduits for items other than escalator, must not be laid inside the truss
- No walls or other parts of the building structure must be supported on the truss
- Allowable maximum weight of outer sheathing: 20kg/m² or 0.028 psi

Ordering information

Please submit the following information when ordering or requesting escalator quotations:

- Name and address of the building
- Escalator model (ZS or ZL or ZP)
- Escalator type (S1000 or S800 or S600)
- Rise (floor height) and number of floors
- Number of escalators
- Voltage and frequency of the power source for escalator's main drive and lighting
- Optional items required
- Whether or not fire-prevention shutters are required



State-of-the-Art Factories... For the Environment. For Product Quality.

Mitsubishi Electric elevators and escalators are currently operating in approximately 90 countries around the globe. Built placing priority on safety, our elevators, escalators and building system products are renowned for their excellent efficiency, energy savings and comfort.

The technologies and skills cultivated at the Inazawa Works in Japan and 12 global manufacturing factories are utilized in a worldwide network that provides sales, installation and maintenance in support of maintaining and improving product quality.

As a means of contributing to the realization of a sustainable society, we consciously consider the environment in business operations, proactively work to realize a low-carbon, recycling-based society, and promote the preservation of biodiversity.

ISO9001/14001 certification

Mitsubishi Electric Corporation Inazawa Works has acquired ISO 9001 certification from the International Organization for Standardization based on a review of quality management. The plant has also acquired environmental management system standard ISO 14001 certification.

ISO 9001
BUREAU VERITAS
Certification



Mitsubishi Elevator Asia Co., Ltd. has acquired ISO 9001 certification from the International Organization for Standardization based on a review of quality management.

The plant has also acquired environmental management system standard ISO 14001 certification.







Eco Changes is the Mitsubishi Electric Group's environmental statement, and expresses the Group's stance on environmental management. Through a wide range of businesses, we are helping contribute to the realization of a sustainable society.

MITSUBISHI ELECTRIC CORPORATION

HEAD OFFICE: TOKYO BLDG., 2-7-3, MARUNOUCHI, CHIYODA-KU, TOKYO 100-8310, JAPAN www.MitsubishiElectric.com/elevator

▲ Safety Tips: Be sure to read the instruction manual fully before using this product.

Max rise (mm): 7000 (30°), 6000 (35°)

●···Standard ○···Optional

■ Emergency Stop Button (E-STOP)

A button to immediately stop the escalator in emergency situations.

○ Step Motion Safety Device (CRS)

A safety device to stop the escalator when a Step has been dislocated on its riser side due to an object caught between the Steps, or between the Skirt Guard and the Step, or if an abnormality has been observed in the Step motion.

Overload Detection Device

A safety device that stops the escalator if overload has been detected by abnormal current or temperature of the drive motor.

Drive Chain Safety Device (DCS)

A safety device that stops the escalator if the Drive Chain breaks or stretches beyond an allowable limit.

Speed Governor (GOV)

A safety device that stops the escalator if the speed significantly decreases or increases to 120% of the rated speed.

Electromagnetic Brake

A safety device that stops the escalator in the case of power failure, or if any safety device or the Emergency Stop Button has been activated.

Handrail Speed Safety Device (HSS)

A safety device that stops the escalator if the Moving Handrails fail to synchronize with the Steps due to slippage, loosening or breakage of the Moving

Step Level Device (SRS)

afety devices

A safety device that stops the escalator if the horizontal level of a Step has dropped.

○ Skirt Guard Safety Device (SSS)

A safety device to stop the escalator if a shoe or other item becomes trapped in the gap between the Step and Skirt Guard.

Comb-Step Safety Switch (CSS)

A safety device that stops the escalator if a foreign object becomes trapped in the gap between the Step

Handrail Guard Safety Device (HGS)

1) Inlet Guard

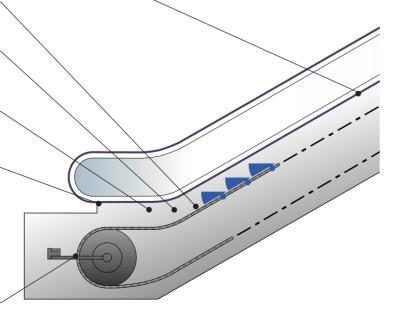
A guard made of soft rubber, which fits over the outside of the Moving Handrail where it enters the Balustrade to keep fingers, hands or foreign objects away from the Moving Handrail opening.

2) Inlet Guard Switch

A safety device that stops escalator when physical contact is made with the inlet.

Step Chain Safety Device (SCS)

A safety device that stops the escalator if the Step Chain breaks or stretches beyond an allowable limit



●···Standard	O···Optional	N/A···Not applicable
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Automatic Operation	on with Post		*1	O N/A	*1
Outdoor AC1 nverter (VVVF) Automatic Operation	on with Post		*1	$\overline{}$	*1
AC1 nverter (VVVF) Automatic Operation	on with Post		*1	N/A	*1
nverter (VVVF) Automatic Operation	on with Post				
Automatic Operation	on with Post				
Automatic Operation	on with Posts			O *:	2
		Automatic Operation with Posts (Stationary in stand-by, AC1)			
	Automatic Operation with Posts (Slow operation in stand-by, Inverter)			0	
Post-Free Automa	tic Operation	(Slow operation in stand-by, Inverter)		0	
Stop-Buzzer Key S	Switch			•	
Anti-Slip Floor Plat	e				
Step with Anti-Slip	Grooves			•	
Demarcation Line					
iered Demarcatio	n Line			•	
Step Demarcation	Lighting			0	
Comb Light				0	
Three Horizontal Steps			0		
Warning System on Moving Handrail Inlet (Inlet Sensor)				O*;	3
Warning System on Outer Deck (Outer Deck Sensor))*3	N/A
Directional Indicato	r on Handrail	I Inlet Cap (Handrail Inlet Cap LED Indicator)		O *;	3 *4
Balustrade					N/A
See page 12 for	Under-Handrail Lighting				N/A
sections.	Stainless steel hairline panel		N	/A	
Skirt Guard	Stainless st	teel hairline			
	Fluoropolymer Coating			0	
İ	Skirt Guard Lighting			N/A	O*5
Deck Board Stainless steel hairline					
Step	Aluminum alloy Step Tread			•	
	Aluminum a	alloy Cleat Riser			
	Yellow Dem	narcation Line		•	
loor Plate	Decorative	Panel (Embossed stainless steel)		•	
İ	Floor Name	}		0	
	Comb			•	
Extension		Extension of Floor Plate		0	
	Connection			0	
Moving Handrail				•	
See page 5 for colors.)		No. 0502 to 0508		Ō	
Handrail Inlet Cap	Resin				
ЛеlEve				0	
Automatic oiler				Ö	
A S O T S C T N S H M A	Inti-Slip Floor Plate the with Anti-Slip Ploor Plate the with Anti-Slip the marcation Line iered Demarcation the Demarcation the Demarcation the Demarcation the Demarcation the Demarcation the Demarcation System of Warning Syste	Inti-Slip Floor Plate Itep with Anti-Slip Grooves Itemarcation Line Itered Demarcation Line Itep Demarcation Lighting Itemator Lighting Itemator Lighting Itemator Lighting Itemator Lighting Itemator Lighting Itemator It	Inti-Slip Floor Plate Interposite National Steps Identification Line Interest Demarcation Line Interest Demarcation Lighting Inti-Slip Beautification Line Interest Demarcation Lighting Interest Demarcation Lighting Interest Demarcation Lighting Interest Demarcation Lighting Interest Demarcation Lighting Interest Demarcation Lighting Interest Sensor Interest Demarcation Lighting Interest Demarc	Inti-Slip Floor Plate Interposite National Steps Identification Line Interest Demarcation Line Interest Demarcation Lighting Inti-Slip Demarcation Lighting Interest Demarcation Lighting Interest Demarcation Lighting Interest Demarcation Lighting Interest Demarcation Lighting Interest Demarcation Lighting Interest Demarcation Lighting Interest Demarcation Lighting Interest Demarcation Lighting Interest Demarcation Lighting Interest Demarcation Demarcation Interest Dem	Inti-Slip Floor Plate Itep with Anti-Slip Grooves Itemarcation Line Itep Demarcation Line Itep Demarcation Lighting Itematical Steps Identification of Plate Itematical Steps Identification of Floor Plate Itematical Indicator Indicator of Aluminum alloy Step Tread Identification of Aluminum alloy Cleat Riser Itematical Steps Identification of Adjacent Floor Plate Identification of Algacent Indicator Indicator of Algacent Floor Plate Identification of Identification Indicator of Handrail Indet Cap (Handrail Indet Cap LED Indicator) Indicator of Handrail Lighting Indicator of Handrail Lighting Indicator of Handrail Lighting Indicator of Handrail Lighting Indicator of Handrail Lighting Indicator of Handrail Lighting Indicator of Handrail Lighting Indicator of Handrail Lighting Indicator of Handrail Lighting Indicator of Handrail Lighting Indicator of Handrail Lighting Indicator of Handrail Indicator Indicator of Handrail Indicator Indic

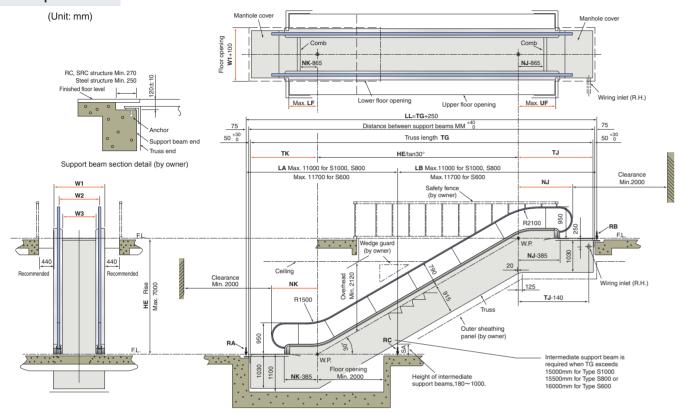
- *1: Please contact your local Mitsubishi Electric sales agent for outdoor use.
- *2: Please contact your local Mitsubishi Electric sales agent for VVVF control.
- *3: Not applicable to outdoor use.
- *4: Installed only on the right-side Handrail Inlet Cap (when viewed from the boarding and landing areas).
- *5: Not applicable to semi-outdoor and outdoor use.



Escalators in the graphics are based on the Japan Code, with optional Fluoropolymer Coating on Skirt Guard.

L-170-6-C79390-F

Japan 30°



For VVVF control, TJ may increase from that shown. Please contact your local Mitsubishi Electric sales agent for details.

Japan 35° (Unit: mm) Manhole cover 1035 765 RC, SRC structure Min. 270 Steel structure Min. 250 d floor level Wiring inlet (R.H.) Max.LF Max.UF Upper floor opening LL=TG+250 Distance between support beams MM $^{+40}_{0}$ Truss length TG TK=2260 HF/tan35° TJ=2530 Support beam section detail (by owner) LA Max. 11000 for S1000, S800 Max. 11700 for S600 Clearance Safety fence (by owner) W2 Wedge guar (by owner) Clearance Min. 2000 Wiring inlet (R.H.) H X Outer sheathing panel (by owner)

For VVVF control, TJ may increase from that shown. Please contact your local Mitsubishi Electric sales agent for details.

Intermediate support beam is required when TG exceeds 15000mm for Type S1000 15500mm for Type S800 or 16000mm for Type S600

■Standard dimensions

Туре	S600	S800	S1000
W1 (Escalator Width)	1150	1350	1550
W2 (Between Moving Handrails)	840	1040	1240
W3 (Between Skirt Panels)	610	810	1010

Horizontal Steps	LF	UF	NK	NJ
1.5 Steps(Nominal)*	850	1100	1385	1635
3 Steps	1440	1725	1975	2260

■Reaction force on beam (N)

	Without intermediate support beam	With intermediate support beam
RA	$\alpha \cdot LL + \frac{4220 \cdot (LL\text{-}TK\text{+}X1) + 12000 \cdot (TJ\text{-}X2)}{LL}$	α·LA+4220- <u>4220·(TK-X1)</u> LA
RB	α·LL+ 4220·(TK-X1)+12000·(LL-TJ+X2) LL	α·LB+12000- 12000·(TJ-X2) LB
RC		$\alpha \cdot \text{LL} + \frac{4220 \cdot (\text{TK-X1})}{\text{LA}} + \frac{12000 \cdot (\text{TJ-X2})}{\text{LB}}$

■Reaction force factors

		α (N/mm)		
Туре	TG	Environment		
		Indoor Semi-outdoor	Outdoor	
	TG ≤13500	4.04		
S1000	13500 <tg≤15000< td=""><td>4.11</td><td>4.04</td></tg≤15000<>	4.11	4.04	
	15000 < TG	4.04		
	TG ≤13850	3.60		
S800	13850 <tg≤15500< td=""><td>3.66</td><td> </td></tg≤15500<>	3.66		
	15500 < TG	3.60		
	TG ≤14200	3.16		
S600	14200 <tg≤16000< td=""><td>3.22</td><td>3.16</td></tg≤16000<>	3.22	3.16	
	16000 < TG	3.16		

	TK	X1	X2
2265	2015	866	1105
2890	2605	1456	1730
			2265 2015 866 2890 2605 1456

■Standard dimensions

Гуре	S600	S800	S1000		
W1 (Escalator Width)	1150	1350	1550		
W2 (Between Moving Handrails)	840	1040	1240		
W3 (Between Skirt Panels)	610	810	1010		
·					

Horizontal Steps	LF	UF	NK	NJ
2 Steps	1095	1365	1630	1900

■Reaction force on beam (N)

	Without intermediate support beam	With intermediate support beam
RA	α·LL+ 4220·(LL-TK+1111)+12000·(TJ-1370) LL	α·LA+4220- <u>4220·(TK-1111)</u> LA
RB	α·LL+ 4220·(TK-1111)+12000·(LL-TJ+1370) LL	α·LB+1200012000·(TJ-1370) LB
RC		$\alpha \cdot LL + \frac{4220 \cdot (TK-1111)}{LA} + \frac{12000 \cdot (TJ-1370)}{LB}$

■ Reaction force factors

		α (N/mm)		
Туре	TG	Environm	nent	
		Indoor Semi-outdoor	Outdoor	
	TG ≤13500	4.04		
S1000	13500 <tg≤15000< td=""><td>4.11</td><td>4.04</td></tg≤15000<>	4.11	4.04	
	15000 <tg< td=""><td>4.04</td><td></td></tg<>	4.04		
S800	TG ≤13600	3.60		
	13600 <tg≤15250< td=""><td>3.66</td><td colspan="2"></td></tg≤15250<>	3.66		
	15250 < TG	3.60		
	TG ≤14200	3.16		
S600	14200 <tg≤16000< td=""><td>3.22</td><td>3.16</td></tg≤16000<>	3.22	3.16	
	16000 <tg< td=""><td>3.16</td><td></td></tg<>	3.16		

ESCALATOR SERIES

j2

^{*}Please contact your local Mitsubishi Electric sales agent for the actual number of steps.

○ Step Motion Safety Device (CRS)

A safety device to stop the escalator when a Step has been

dislocated on its riser side due to an object caught between

the Steps, or between the Skirt Guard and the Step, or if an abnormality has been observed in the Step motion.

Max rise (mm): 7000 (30°), 6000 (35°)

●···Standard ○···Optional

● Emergency Stop Button (E-STOP)

A button to immediately stop the escalator in emergency situations

●* Door Open Switch (DOS)

A safety switch that stops the escalator when the manhole cover is opened.

* - EN115-1: 2008 + A1: 2010 → Standard - EN115-1/A2: 2004 → Not applicable

Overload Detection Device

A safety device that stops the escalator if overload has been detected by abnormal current or temperature of the drive motor.

Drive Chain Safety Device (DCS)

A safety device that stops the escalator if the Drive Chain breaks or stretches beyond an allowable limit.

Speed Governor (GOV)

A safety device that stops the escalator if the speed significantly decreases or increases to 120% of the rated speed.

Electromagnetic Brake

A safety device that stops the escalator in the case of power failure, or if any safety device or the Emergency Stop Button has been activated.

exceeding 6m in rise.

Step Level Device (SRS)

O* Auxiliary brake

A safety device that stops the escalator if the horizontal level of a Step has dropped.

A safety device that stops the escalator if the speed

exceeds the rated speed, or before the Steps'

* A standard device for public-use escalators or those

such as breakage of the Drive Chain.

traveling direction changes due to an abnormality

○ Skirt Guard Safety Device (SSS)

A safety device to stop the escalator if a shoe or other item becomes trapped in the gap between the Step and Skirt Guard.

Comb-Step Safety Switch (CSS)

A safety device that stops the escalator if a foreign object becomes trapped in the gap between the Step and Comb.

Handrail Guard Safety Device (HGS)

1) Inlet Guard

A guard made of soft rubber, which fits over the outside of the Moving Handrail where it enters the Balustrade to keep fingers, hands or foreign objects away from the Moving Handrail opening.

2) Inlet Guard Switch
A safety device that stops escalator when physical

contact is made with the inlet. Step Chain Safety Device (SCS)

A safety device that stops the escalator if the Step Chain breaks or stretches beyond an allowable limit.

* Handrail Speed Safety Device (HSS)

A safety device that stops the escalator if the Moving Handrails fail to synchronize with the Steps due to slippage, loosening or breakage of the Moving Handrails.

* - EN115-1: 2008 + A1: 2010 → Standard - EN115-1/A2: 2004 → Optional

At Missing Star Paging (SMS)

* Missing Step Device (SMS)

A safety device that stops the escalator if it detects a missing step(s) before it is visible to passengers.

* - EN115-1: 2008 + A1: 2010 → Standard - EN115-1/A2: 2004 → Not applicable

● ··· Standard ○ ··· Optional N/A··· Not applicable

Division		Spec	cification	ZS	ZL	ZP
	Indoor				•	
Environment	Semi-outdoor				*1	
	Outdoor			*1	N/A	*1
	AC1				•	
Control	Inverter (VVVF)				0	*2
	Automatic Operati	on with Post	s (Stationary in stand-by, AC1)		0	
system	Automatic Operati	on with Post	s (Slow operation in stand-by, Inverter)		0	
	Post-Free Automa	tic Operation	(Slow operation in stand-by, Inverter)		0	
	Stop-Buzzer Key S	Switch				
	Anti-Slip Floor Pla	te			•	
	Step with Anti-Slip	Grooves				
	Demarcation Line				•	
Safety features	Tiered Demarcation	n Line				
	Step Demarcation	Lighting			0	
	Comb Light				0	
	Three Horizontal S	Steps			\bigcirc/\bigcirc	*3
	Warning System on Moving Handrail Inlet (Inlet Sensor)				O*	4
	Warning System of	n Outer Dec	k (Outer Deck Sensor))*4	N/A
	Directional Indicato	r on Handrail	Inlet Cap (Handrail Inlet Cap LED Indicator)		O*4	4 *5
	Balustrade	Transparer	t tempered glass panel			N/A
	See page 12 for	Under-Han	drail Lighting	N/A		N/A
	sections.	Stainless s	teel hairline panel	N	/A	
	Skirt Guard	Fluoropolyr	ner Coating		•	
		Skirt Guard	Lighting	O*6	N/A	0,
	Deck Board	Stainless s	teel hairline			•
	Step	Aluminum a	alloy Step Tread			
Finish and		Aluminum a	alloy Cleat Riser			
decorative		Yellow Den	narcation Line			
components	Floor Plate	Decorative	Panel (Embossed stainless steel)			
		Floor Name)		0	
		Comb				
		Extension of	of Floor Plate		0	
		Connection	of adjacent Floor Plates		0	
	Moving Handrail	Rubber	No. 0001 (Black)		•	
	(See page 5 for colors.)		No. 0502 to 0508		0	
	Handrail Inlet Cap	Resin			•	
Othoro	MelEye				0	
Others	Automatic oiler				0	

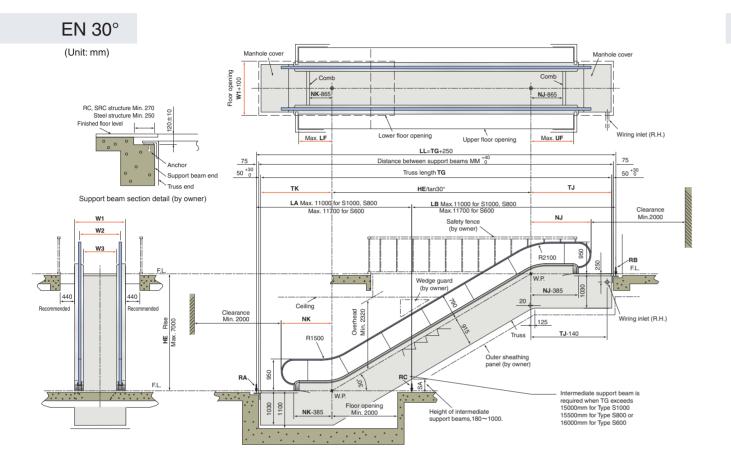
- *1: Please contact your local Mitsubishi Electric sales agent for semi-outdoor and outdoor use.
- *2: Please contact your local Mitsubishi Electric sales agent for VVVF control.
- *3: A standard feature for rises exceeding 6000mm or rated speeds exceeding 0.5m/sec.
- *4: Not applicable to outdoor use.
- *5: Installed only on the right-side Handrail Inlet Cap (when viewed from the boarding and landing areas).
- *6: Not applicable to semi-outdoor and outdoor use.



Escalators in the graphics are based on the Japan Code, with optional Fluoropolymer Coating on Skirt Guard.

ESCALATOR SERIES

e4 L-170-6-C79400-F



For VVVF control, TJ may increase from that shown. Please contact your local Mitsubishi Electric sales agent for details.

EN 35° (Unit: mm) 1035 RC, SRC structure Min. 270 Steel structure Min. 250 Finished floor level Wiring inlet (R.H.) Max. LF Max.UF Upper floor opening Distance between support beams MM $^{+40}_{0}$ Truss length TG TK=2260 HE/tan35° TJ=2530 (S1000, S800) TJ=3080 (S600) Support beam section detail (by owner) LA Max. 11000 for S1000, S800 Max. 11700 for S600 LB Max. 11000 for S1000, S800 Max. 11700 for S600 Clearance Safety fence (by owner) NJ W2 Wedge guar (by owner) Clearance Min. 2000 Wiring inlet (R.H.) Outer sheathing panel (by owner) Intermediate support beam is required when TG exceeds 15000mm for Type S1000 15500mm for Type S800 or 16000mm for Type S600

For VVVF control, TJ may increase from that shown. Please contact your local Mitsubishi Electric sales agent for details.

■Standard dimensions

Туре	S600	S800	S1000
W1 (Escalator Width)	1150	1350	1550
W2 (Between Moving Handrails)	840	1040	1240
W3 (Between Skirt Panels)	610	810	1010

Horizontal Steps	LF	UF	NK	NJ
2 Steps	850	1100	1550	1835
3 Steps	1440	1725	1975	2260

■Reaction force on beam (N)

	Without intermediate support beam	With intermediate support beam
RA	α·LL+ 4220·(LL-TK+X1)+12000·(TJ-X2) LL	α·LA+4220- <u>4220·(TK-X1)</u> LA
RB	α·LL+ 4220·(TK-X1)+12000·(LL-TJ+X2) LL	α·LB+12000- 12000·(TJ-X2) LB
RC		$\alpha \cdot \text{LL} + \frac{4220 \cdot (\text{TK-X1})}{\text{LA}} + \frac{12000 \cdot (\text{TJ-X2})}{\text{LB}}$

■ Reaction force factors

		α (N/mi	n)	
Туре	TG	Environment		
		Indoor Semi-outdoor	Outdoor	
	TG≤13500	5.25		
S1000	13500 <tg≤15000< td=""><td>5.32</td><td>5.25</td></tg≤15000<>	5.32	5.25	
	15000 <tg< td=""><td>5.25</td><td></td></tg<>	5.25		
	TG≤13850	4.56		
S800	13850 <tg≤15500< td=""><td>4.62</td><td> — </td></tg≤15500<>	4.62	—	
	15500 <tg< td=""><td>4.56</td><td></td></tg<>	4.56		
	TG≤14200	3.87		
S600	14200 <tg≤16000< td=""><td>3.93</td><td>3.87</td></tg≤16000<>	3.93	3.87	
	16000 < TG	3.87		

2	Steps	

Туре	TJ HE≤6000	TK	X1	X2	
S1000	0.405				
S800	2465	2180	1031	1305	
S600	3015				
3 Steps					

Туре	TJ				
туре	HE≤6000	6000 <he< th=""><th>TK</th><th>X1</th><th>X2</th></he<>	TK	X1	X2
S1000	2000	3440			
S800	2890	3440	2605	1456	1730
S600	34	40			

■Standard dimensions

Туре	S600	S800	S1000
W1 (Escalator Width)	1150	1350	1550
W2 (Between Moving Handrails)	840	1040	1240
W3 (Between Skirt Panels)	610	810	1010

Horizontal Steps	LF	UF	NK	NJ
2 Steps	1095	1365	1630	1900

■Reaction force on beam (N)

	Without intermediate support beam	With intermediate support beam
RA	α·LL+ 4220·(LL-TK+1111)+12000·(TJ-1370) LL	α·LA+42204220·(TK-1111) LA
RB	α·LL+ 4220·(TK-1111)+12000·(LL-TJ+1370) LL	α·LB+12000- 12000·(TJ-1370) LB
RC		$\alpha \cdot \text{LL} + \frac{4220 \cdot (\text{TK-1111})}{\text{LA}} + \frac{12000 \cdot (\text{TJ-1370})}{\text{LB}}$

■ Reaction force factors

		α (N/mm)			
Туре	TG	Environment			
		Indoor Semi-outdoor	Outdoor		
	TG ≤13500	5.25			
S1000	13500 <tg≤15000< td=""><td>5.32</td><td colspan="2">5.25</td></tg≤15000<>	5.32	5.25		
	15000 <tg< td=""><td>5.25</td><td></td></tg<>	5.25			
	TG ≤13600	4.56			
S800	13600 <tg≤15250< td=""><td>4.62</td><td></td></tg≤15250<>	4.62			
	15250 <tg< td=""><td>4.56</td><td></td></tg<>	4.56			
	TG ≤14200	3.87			
S600	14200 <tg≤16000< td=""><td>3.93</td><td>3.87</td></tg≤16000<>	3.93	3.87		
	16000 < TG	3.87			



e2

The Series Z escalator is equipped with various safety devices that provide for safety and reliability.

For Japan Code

●···Standard ○···Optional



A button to immediately stop the escalator in emergency situations.

Step Motion Safety Device (CRS)

A safety device to stop the escalator when a Step has been dislocated on its riser side due to an object caught between the Steps, or between the Skirt Guard and the Step, or if an abnormality has been observed in the Step motion.

Overload Detection Device

A safety device that stops the escalator if overload has been detected by abnormal current or temperature of the drive motor.

Drive Chain Safety Device (DCS)

A safety device that stops the escalator if the Drive Chain breaks or stretches beyond an allowable limit.

Speed Governor (GOV)

A safety device that stops the escalator if the speed significantly decreases or increases to 120% of the rated speed.

Electromagnetic Brake

A safety device that stops the escalator in the case of power failure, or if any safety device or the Emergency Stop Button has been activated.

○ Handrail Speed Safety Device (HSS)

A safety device that stops the escalator if the Moving Handrails fail to synchronize with the Steps due to slippage, loosening or breakage of the Moving

Step Level Device (SRS)

A safety device that stops the escalator if the horizontal level of a Step has dropped.

Skirt Guard Safety Device (SSS)

A safety device to stop the escalator if a shoe or other item becomes trapped in the gap between the Step and Skirt Guard.

○ Comb-Step Safety Switch (CSS)

A safety device that stops the escalator if a foreign object becomes trapped in the gap between the Step

Handrail Guard Safety Device (HGS)

1) Inlet Guard

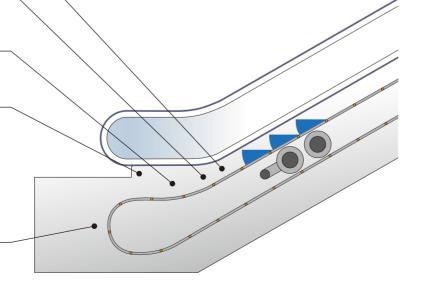
A guard made of soft rubber, which fits over the outside of the Moving Handrail where it enters the Balustrade to keep fingers, hands or foreign objects away from the Moving Handrail opening.

2) Inlet Guard Switch

A safety device that stops escalator when physical contact is made with the inlet.

Step Link Safety Device (SLS)

A safety device that stops the escalator if the Step Link breaks or stretches beyond an allowable limit.







Rise (mm): 7001 - 13000

Basic specifications

Item	S600	S1000		
Models	ZS / Z	L / ZP		
Codes	Japan code			
Power supply	AC 3-phase	, 50 or 60Hz		
Lighting power supply	AC single-pha	se, 50 or 60Hz		
Rated speed	0.5m	n/sec		
Control system	Standard: AC1	Option: VVVF		
Transport capacity*1 (persons/hr)	4500 9000			
Inclination	30°			
Environment	Standard: Indoor Option*2: Semi-outdoor / Outdoor			
Automatic oiler	Standard: None Option: Available			
Min. rise (mm)	70	01		
Max. rise (mm)	ZS / ZP: 1300	0 ZL: 9000 *3		
Step width (mm)	604	1004		
Escalator width (mm)	1150	1550		
Between Moving Handrails (mm)	840	1240		
Between Skirt Guards (mm)	610	1010		
Truss width (mm)	1100	1500		
Floor opening (mm)	1250	1650		

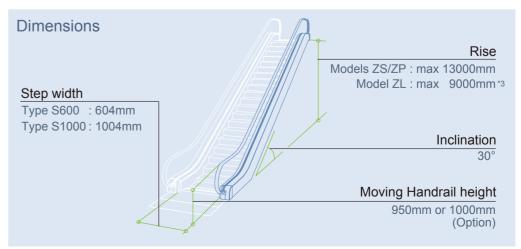
*1: Transport capacity varies depending on actual traffic conditions, so some dimensions and the motor capacity may have to be changed. Please consult your local Mitsubishi Electric sales agent for details if the number of passengers during peak time may equal or exceed the following numbers:

S600: 500 persons per 10 minutes

S1000: 1000 persons per 10 minutes

*2: Please contact your local Mitsubishi Electric sales agent for semi-outdoor and outdoor use. For outdoor use, please refer to "Cautions for outdoor use" on page 13.

*3: Please contact your local Mitsubishi Electric sales agent for rise ranging from 7239mm to 9000mm.





pecifications

●···Standard ○···Optional N/A···Not applicable

Division		Spe	ecification	ZS	ZL	ZP
	Indoor				•	
Environment	Semi-outdoor Semi-outdoor					
	Outdoor			0	N/A	0
	AC1					
0 ()	Inverter (VVVF)				0*	1
Control	Automatic Operati	on with Post	s (Stationary in stand-by, AC1)		0	
system	Automatic Operati	on with Post	s (Slow operation in stand-by, Inverter)		0	
	Post-Free Automa	itic Operation	n (Slow operation in stand-by, Inverter)		0	
	Stop-Buzzer Key	Switch				
	Anti-Slip Floor Pla	te				
	Step with Anti-Slip	Grooves				
	Demarcation Line					
	Tiered Demarcation	on Line				
Safety	Step Demarcation Lighting					
features	Comb Light					
	Three Horizontal Steps					
	Warning System on Moving Handrail Inlet (Inlet Sensor)				○*2	
	Warning System on Outer Deck (Outer Deck Sensor)				○*2 N	
	Directional Indicator on Handrail Inlet Cap (Handrail Inlet Cap LED Indicator)					2 *3
	Balustrade	Transparer	Transparent tempered glass panel			
	See page 12 for	Under-Handrail Lighting				N/A
	sections.	Stainless steel hairline panel			/A	
	Skirt Guard	Stainless steel hairline				
		Fluoropolymer Coating			0	
		Skirt Guard Lighting			N/A	○*4
	Deck Board	Stainless steel hairline				
Finish and	Step	Aluminum alloy Step Tread				
decorative		Aluminum a	alloy Cleat Riser			
components		Yellow Den				
Components	Floor Plate	Decorative	Panel (Embossed stainless steel)			
		Floor Name	9		0	
		Comb	Comb			
		Extension of Floor Plate			0	
		Connection of adjacent Floor Plates			0	
	Moving Handrail	Rubber	No. 0001 (Black)			
	(See page 5 for colors.)		No. 0502 to 0508		0	
	Handrail Inlet Cap Resin				•	
Others	MelEye				0	
Others	Automatic oiler				0	

- *1: Please contact your local Mitsubishi Electric sales agent for VVVF control.
- *2: Not applicable to outdoor use.

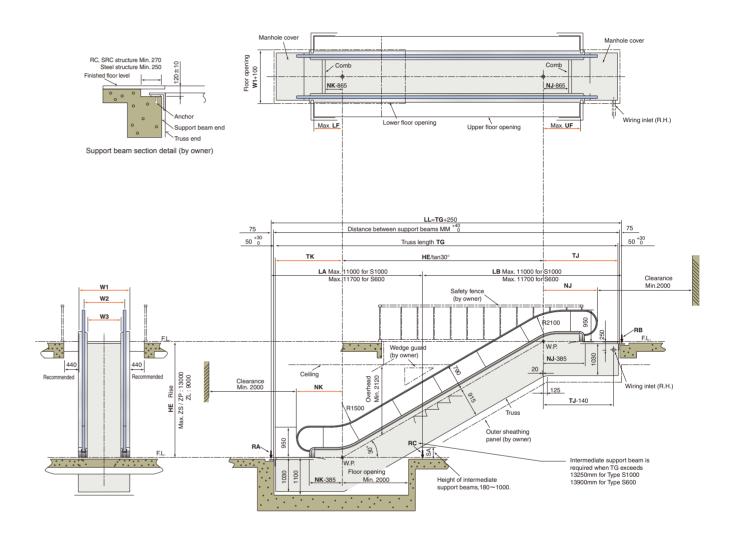
 *3: Installed only on the right-side Handrail Inlet Cap (when viewed from the boarding and landing areas).

 *4: Not applicable to semi-outdoor and outdoor use.



Escalators in the graphics are based on the Japan Code, with optional Fluoropolymer Coating on Skirt Guard.

(Unit: mm)



Please contact your local Mitsubishi Electric sales agent for:

- VVVF control (Please note that TJ may increase from that shown.)
- Reaction force, RA, RB, RC etc.

■Standard dimensions

Туре	S600	S1000
W1 (Escalator Width)	1150	1550
W2 (Between Moving Handrails)	840	1240
W3 (Between Skirt Guards)	610	1010

Horizontal Steps	LF	UF	NK	NJ	TK	TJ
1.5 Steps(Nominal)*	850	1100	1385	1635	2015	2265
3 Steps	1440	1725	1975	2260	2605	2890

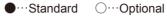
^{*}Please contact your local Mitsubishi Electric sales agent for the actual number of steps.



jh2

The Series Z escalator is equipped with various safety devices that provide for safety and reliability.

For EN115 Code





A button to immediately stop the escalator in emergency situations.

Step Motion Safety Device (CRS)

A safety device to stop the escalator when a Step has been dislocated on its riser side due to an object caught between the Steps, or between the Skirt Guard and the Step, or if an abnormality has been observed in the Step motion.

Overload Detection Device

A safety device that stops the escalator if overload has been detected by abnormal current or temperature of the drive motor.

Drive Chain Safety Device (DCS)

A safety device that stops the escalator if the Drive Chain breaks or stretches beyond an allowable limit.

Speed Governor (GOV)

A safety device that stops the escalator if the speed significantly decreases or increases to 120% of the rated speed.

Electromagnetic Brake

A safety device that stops the escalator in the case of power failure, or if any safety device or the Emergency Stop Button has been activated.

○ Handrail Speed Safety Device (HSS)

A safety device that stops the escalator if the Moving Handrails fail to synchronize with the Steps due to slippage, loosening or breakage of the Moving Handrails.

Auxiliary brake

A safety device that stops the escalator if the speed exceeds the rated speed, or before the Steps' traveling direction changes due to an abnormality such as breakage of the Drive Chain.

Step Level Device (SRS)

A safety device that stops the escalator if the horizontal level of a Step has dropped.

Skirt Guard Safety Device (SSS)

A safety device to stop the escalator if a shoe or other item becomes trapped in the gap between the Step and Skirt Guard.

Comb-Step Safety Switch (CSS)

A safety device that stops the escalator if a foreign object becomes trapped in the gap between the Step

Handrail Guard Safety Device (HGS)

1) Inlet Guard

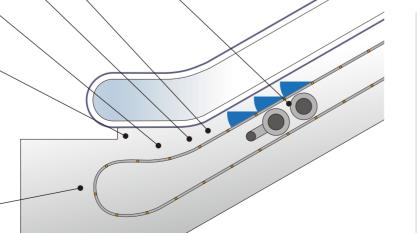
A guard made of soft rubber, which fits over the outside of the Moving Handrail where it enters the Balustrade to keep fingers, hands or foreign objects away from the Moving Handrail opening.

2) Inlet Guard Switch

A safety device that stops escalator when physical contact is made with the inlet.

Step Link Safety Device (SLS)

A safety device that stops the escalator if the Step Link breaks or stretches beyond an allowable limit







Rise (mm): 7001 - 13000

Basic specifications

Item	S600	S1000		
Models	ZS / ZL / ZP			
Codes	EN115 code			
Power supply	AC 3-phase	, 50 or 60Hz		
Lighting power supply	AC single-phase	se, 50 or 60Hz		
Rated speed	0.5m	n/sec		
Control system	Standard: AC1	Option: VVVF		
Transport capacity*1 (persons/hr)	4500 9000			
Inclination	30°			
Environment	Standard: Indoor Option*2: Semi-outdoor / Outdoor			
Automatic oiler	Standard: None	Option: Available		
Min. rise (mm)	70	01		
Max. rise (mm)	ZS / ZP: 1300	0 ZL: 9000 *3		
Step width (mm)	604	1004		
Escalator width (mm)	1150	1550		
Between Moving Handrails (mm)	840	1240		
Between Skirt Guards (mm)	610	1010		
Truss width (mm)	1100	1500		
Floor opening (mm)	1250	1650		

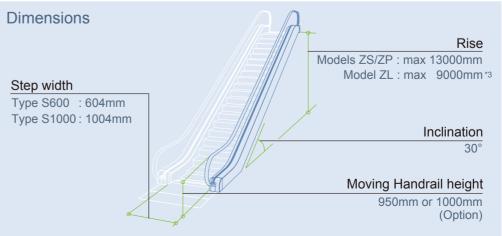
*1: Transport capacity varies depending on actual traffic conditions, so some dimensions and the motor capacity may have to be changed. Please consult your local Mitsubishi Electric sales agent for details if the number of passengers during peak time may equal or exceed the following numbers:

S600: 500 persons per 10 minutes

S1000: 1000 persons per 10 minutes

*2: Please contact your local Mitsubishi Electric sales agent for semi-outdoor and outdoor use. For outdoor use, please refer to "Cautions for outdoor use" on page 13.

*3: Please contact your local Mitsubishi Electric sales agent for rise ranging from 7239mm to 9000mm.





Specifications

● ··· Standard ○ ··· Optional N/A ··· Not applicable

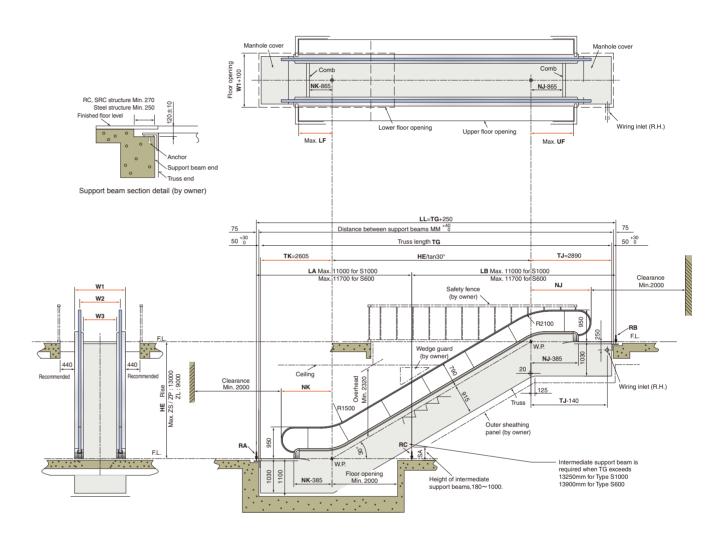
Division		Spec	ification	ZS	ZL	ZP
	Indoor				•	
Environment	Semi-outdoor					
	Outdoor			0	N/A	0
	AC1					
Control	Inverter (VVVF)					1
system	Automatic Operation with Posts (Stationary in stand-by, AC1)					
System	Automatic Operati	on with Post	s (Slow operation in stand-by, Inverter)		\bigcirc	
	Post-Free Automa	tic Operation	(Slow operation in stand-by, Inverter)		0	
	Stop-Buzzer Key S	Switch			•	
	Anti-Slip Floor Pla	te			•	
	Step with Anti-Slip	Grooves			•	
	Demarcation Line				•	
	Tiered Demarcation	n Line			•	
Safety	Step Demarcation Lighting				0	
features	Comb Light				0	
	Three Horizontal Steps				•	
	Warning System on Moving Handrail Inlet (Inlet Sensor)				0*2	2
	Warning System on Outer Deck (Outer Deck Sensor)			0	*2	N/A
	Directional Indicator on Handrail Inlet Cap (Handrail Inlet Cap LED Indicator)				O*2	*3
	Balustrade	Transparen	t tempered glass panel	•		N/A
	See page 12 for	Under-Handrail Lighting		N/A	•	N/A
	sections.	Stainless steel hairline panel			١	•
	Skirt Guard	Fluoropolyr	ner Coating		•	
		Skirt Guard Lighting			N/A	O*4
	Deck Board	Stainless steel hairline			•	
	Step	Aluminum a	alloy Step Tread		•	
Finish and		Aluminum a	alloy Cleat Riser		•	
decorative		Yellow Den	narcation Line		•	
components	Floor Plate	Decorative	Panel (Embossed stainless steel)		•	
		Floor Name	;		0	
		Comb			•	
		Extension of Floor Plate			0	
		Connection of adjacent Floor Plates			0	
	Moving Handrail	Rubber	No. 0001 (Black)		•	
	(See page 5 for colors.)		No. 0502 to 0508		0	
	Handrail Inlet Cap Resin				•	
Oth	MelEye				0	
Others	Automatic oiler				0	

- *1: Please contact your local Mitsubishi Electric sales agent for VVVF control.
- *2: Not applicable to outdoor use.
- *3: Installed only on the right-side Handrail Inlet Cap (when viewed from the boarding and landing areas).
- *4: Not applicable to semi-outdoor and outdoor use.



Escalators in the graphics are based on the Japan Code, with optional Fluoropolymer Coating on Skirt Guard.

(Unit: mm)



Please contact your local Mitsubishi Electric sales agent for:

- VVVF control (Please note that TJ may increase from that shown.)
- Reaction force, RA, RB, RC etc.

■Standard dimensions

Туре	S600	S1000
W1 (Escalator Width)	1150	1550
W2 (Between Moving Handrails)	840	1240
W3 (Between Skirt Guards)	610	1010

Horiz	ontal Steps	LF	UF	NK	NJ
3	Steps	1440	1725	1975	2260



eh2