



TRIENNIUM

We'll lift you to new heights

TR - **Series**

Home Elevator

A Promise of Happiness for Your Family

—— FUJI TRIENNIUM ELEVATOR



True peace of mind comes from a smooth, reliable ride—day after day.

Every smooth, quiet ride brings comfort and care to your home.

Built on decades of experience, we bring lasting
comfort and peace of mind to every journey at home.

Time Witnesses, Trust Entrusted

Rooted in the pure quality of original factory craftsmanship, it delivers a smooth and quiet riding experience with composite steel belt technology. Strictly selected durable materials paired with exquisite craftsmanship create reliable quality that endures the test of time. It presents a trust-worthy promise of peace for families pursuing superior quality and long-term value.

i520S Series

• i520S • i520S-G

| Exquisite Quality | Thoughtful Care |

Exquisite Quality

Forged with original factory ingenuity in every detail, all components from core parts to overall structure adhere to strict process standards.

Selected high-quality materials combined with superb manufacturing technology ensure the elevator stands the test of time inside and out,

interpreting the reliable essence worthy of trust with rigorous quality control.



Composite Steel Belt

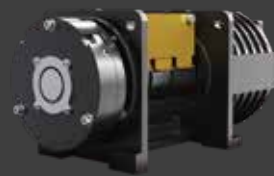
A high-tech new wear-resistant solution: steel wire rope wrapped in polyurethane. It eliminates grease lubrication, boasts a longer service life, and is eco-friendly.



green



environment
protection



Energy-Saving Motor

High efficiency and energy conservation

Adopts a high-efficiency, low-power motor to achieve substantial energy savings.

Space Optimization

Equipped with a new rare-earth permanent-magnet synchronous gearless motor, the motor is 70%–80% smaller in size than conventional motors.

Stable Operation

The motor traction sheave adopts an arc profile design with a plated spoke surface, enabling more stable elevator operation.



Control Cabinet

Installation Method

Standard side wall-mounted installation.

Improved Space Utilization

Compact size and easy installation enhance space utilization.

Energy Efficiency & Eco-Friendly Design

Low standby power consumption helps reduce energy use and environmental impact.

Premium Comfort

Equipped with contactless technology for an immersive riding experience.

* Pictures are for reference only. Please refer to the actual product.

Safety & Peace of Mind

Safety is integrated into every aspect of operation, creating comprehensive protection for you and your family.

Smooth, quiet operation brings lasting comfort and peace of mind to every journey at home.



In-Car Emergency Rescue

For recoverable faults that do not affect safe elevator operation, press and hold the highest- and lowest-floor buttons simultaneously for more than 10 seconds. The elevator will temporarily bypass the fault, automatically move to the leveling position, open the doors to allow passengers to exit, and then lock itself.



ARD Emergency Power System

To prevent passenger entrapment caused by accidental building power outages, the elevator activates an emergency leveling power supply upon power loss. It ensures sufficient power to deliver passengers safely to the nearest floor and open the doors for safe exit.



Comfortable Riding Experience

Double-support shock-absorbing car bottom structure: The lower beam of the car bottom adopts a double-support shock-absorbing structure, greatly improving riding comfort.



* Pictures are for reference only. Please refer to the actual product.

Flowing Glow in a Serene Environment



U-CR262-A

- Front wall:** Decorative steel panel (light yellow sand grain)
- Ceiling:** White mirror stainless steel frame + strip light strip + concealed light strip
- Left side wall:** Decorative steel panel (metallic sand grain powder) + white mirror stainless steel
- Right side wall:** Decorative steel panel (light yellow sand grain) + white mirror stainless steel
- Rear wall:** Decorative steel panel (metallic sand grain powder) + Decorative steel panel (light yellow sand grain) + handrail with concealed light strip
- Skirting:** Decorative steel panel (champagne gold)
- Floor: Sintered stone



U-CR262-B

- Front wall:** Decorative steel panel (silver white sand)
- Ceiling:** White mirror stainless steel frame + strip light strip + concealed light strip
- Left side wall:** Decorative steel panel (silver white sand) + white mirror stainless steel
- Right side wall:** Decorative steel panel (soft rice grain) + white mirror stainless steel
- Rear wall:** Decorative steel panel (soft rice grain) + Decorative steel panel (silver white sand) + handrail with concealed light strip
- Skirting:** Decorative steel panel (diamond black sand)
- Floor: Sintered stone



* Pictures are for reference only. Please refer to the actual product.

Light-filled Elegant Lifestyle



U-CR263

Front wall: Decorative steel panel (light yellow sand grain)

Ceiling: Crescent white decorative steel panel frame + concealed light strip + spotlights

Side walls: Color-coated steel plate (California maple) + Decorative steel panel (light yellow sand grain)

Rear wall: Color-coated steel plate (California maple) + Decorative steel panel (light yellow sand grain)

Handrail: Hairline stainless steel natural-color round tube handrail

Floor: Sintered stone



U-CR272

Front wall: Decorative steel panel (light yellow sand grain)

Ceiling: Decorative steel panel (light yellow sand grain) + concealed light strip + luminous light strip + translucent acrylic

Side walls: Rose gold mirror stainless steel + Decorative steel panel (light yellow sand grain)

Rear wall: Color-coated steel plate (Gold Coast) + Decorative steel panel (light yellow sand grain) + rose gold mirror stainless steel trim

Handrail: Rose gold-plated mirror stainless steel

Floor: Marble



U-CR273

Front wall: Painted sheet metal (pearl white)

Ceiling: Starry sky ceiling (starry sky + shooting stars) acrylic panel + black aluminum alloy light strip frame

Side walls: Cream white aluminum honeycomb + matching aluminum alloy frame

Rear wall: Cream white aluminum honeycomb + wall-mounted decorative painting + matching aluminum alloy frame

Skirting: Skirting light strip

Floor: Sintered stone



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Traces of Time



U-CR218

Front wall: copper-plated hairline stainless steel

Ceiling: Decorative steel panel (crescent white) + Decorative steel panel frame (crescent white) + copper-plated hairline stainless steel trim + concealed light strip + downlights

Side walls: copper-plated hairline stainless steel +copper-plated mirror stainless steel

Rear wall: Film-coated steel plate + copper-plated mirror stainless steel trim + copper-plated mirror stainless steel

Floor: PVC



U-CR219-1

Front wall: Rose gold-plated hairline stainless steel

Ceiling: Decorative steel panel (crescent white) + concealed light strip + Decorative steel panel frame (crescent white) + spotlights

Side walls: Wood grain art panel + rose gold-plated mirror stainless steel trim

Rear wall: Wood grain art panel + rose gold-plated mirror stainless steel trim + rose gold-plated etched mirror stainless steel

Floor: PVC



U-CR230-A

Front wall: Decorative steel panel (pearl gold)

Ceiling: Decorative steel panel frame (pearl gold) + translucent acrylic + spotlights

Side walls: Decorative steel panel (pearl gold)

Rear wall: Decorative steel panel (pearl gold)



* Pictures are for reference only. Please refer to the actual product.

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Silver Radiance and Elegant Melody



U-CR261-D

- Front wall:** 304 hairline stainless steel
- Ceiling:** Decorative steel panel (crescent white) + luminous light strip + translucent acrylic + spotlights
- Side walls:** 304 hairline stainless steel
- Rear wall:** Laser-engraved mirror stainless steel + 304 hairline stainless steel
- Handrail:** 304 hairline stainless steel wire-drawn round tube handrail
- Floor:** Sintered stone



U-CR222

- Front wall:** Hairline stainless steel
- Ceiling:** Upper decorative steel panel (crescent white) + translucent acrylic + hairline stainless steel frame + LED light strip + spotlights
- Side walls:** Hairline stainless steel + concealed light strip
- Rear wall:** Mirror stainless steel + concealed light strip
- Floor:** PVC



U-CR261-A

- Front wall:** Hairline stainless steel
- Ceiling:** Decorative steel panel (crescent white) + luminous light strip + translucent acrylic + spotlights
- Side walls:** Hairline stainless steel
- Rear wall:** Laser-engraved mirror stainless steel + hairline stainless steel
- Handrail:** Hairline stainless steel wire-drawn round tube handrail
- Floor:** Sintered stone



U-CR261-B



U-CR261-C



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Ascend the Steps · Admire the Scenery

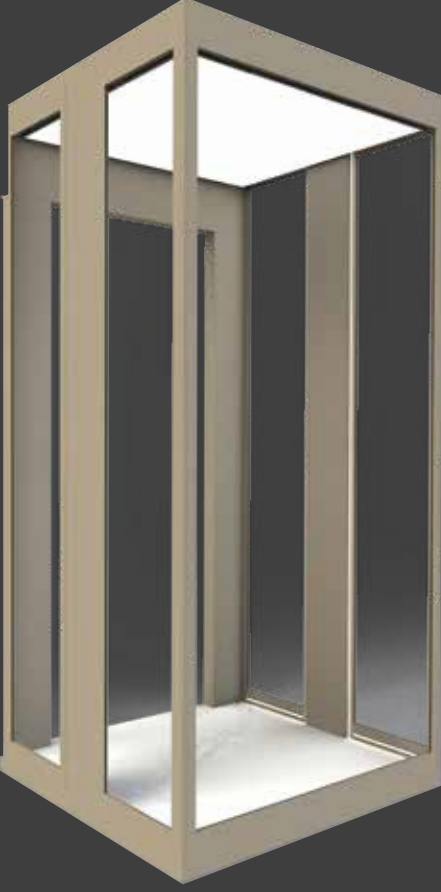
Stepping up is the prelude of the inner world;
viewing afar is the distance the heart yearns for.
We carve the vessel of light with colors,
framing your private vertical vision.



U-CR935-A

- Front wall:** Champagne gold painted sheet metal
- Ceiling:** White translucent acrylic + black aluminum alloy frame
- Three surrounding walls (excluding middle side):** Champagne gold aluminum alloy + laminated tempered glass
- Middle side:** Black titanium mirror + light strips on both sides
- Outer sealing plate / door header:** Painted sheet metal (galvanized sheet)
- Skirting:** Champagne gold aluminum alloy
- Floor:** Marble

Available colors:



U-CR955

- Front wall:** Painted galvanized sheet
- Ceiling:** Panel light
- Car walls:** Painted aluminum alloy + tempered laminated glass
- Middle side:** Painted galvanized sheet + concealed light strips on both sides
- Skirting:** Aluminum alloy
- Floor:** Sintered stone

* The galvanized sheet paint and aluminum alloy color of U-CR955 decoration shall match the selected hoistway frame color.

* Pictures are for reference only. Please refer to the actual product.

Hoistway Layout



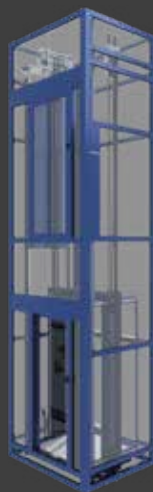
Champagne Gold



Titanium Black



Warm White



Purple Blue

Antique Copper Rose Gold
XZ-LHJ-02



Matte Brownish Red
XZ-LHJ-01



Luxury Orange
XZ-LHJ-03

Matte Red
XZ-LHJ-04



Smoky Blue Gray*
XZ-LHJ-06



Sparkle Gold
XZ-LHJ-05



Gentle Gray*
XZ-LHJ-07

Diamond Black*
XZ-LHJ-08



Matte Purple Red*
XZ-LHJ-09

Deep Silver Gray*
XZ-LHJ-10



Note: When selecting hoistway colors marked with *, the powder coating color for elevator components inside the hoistway is RAL9005 Titanium Black.

* Pictures are for reference only. Please refer to the actual product.

Landing Doors

Note:
Optional colors for landing doors are the same as those for hoistway frames.
All landing doors below are glass doors with aluminum-alloy frames.



Center opening door



center-opening bi-folding door

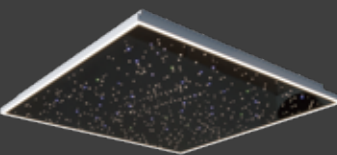


Side opening door



Manual sliding door

Ceiling

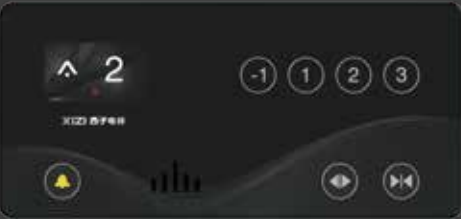


Starry sky ceiling
U-CL301-A

* Only available for U-CR935 series and U-CR955 decoration.

* Pictures are for reference only. Please refer to the actual product.

Human-Machine Interaction



U-CF6000

Display: 4.3-inch TFT display
Button: Mechanical button
Panel: Glass + aluminum alloy housing



U-CF3001N Series

Display: 4.3-inch TFT LCD display
Button: Touch button (mechanical button optional)
Panel: Metal frame + glass panel

U-CF3001N-A U-CF3001N-B

* Mechanical button optional

* Note: U-CF6000 is not applicable to i520S-G
* Pictures are for reference only. Please refer to the actual product.



U-ZW2300-A U-ZW2300-B

U-ZW2300 Series

Display: Mini 4.3" LED segment display
Button: BR36F
Panel: Acrylic and stainless steel housing



TL-400N-A TL-400N-B

TL-400N Series

Display: LED segment code
Button: Touch button
Panel: Frosted glass panel



U-CF3000-A

* Only compatible with i520S
* White panel optional



U-CY1800

* Only compatible with i520S

Display: 7-inch vertical TFT display – White Elegance
Button: BR34G
Installation position: Side-mounted
Panel material: Matches the material of the adjacent car wall

1 BR34G

* The button insert material of BR34G matches the control panel material.



U-CF3700

Display: 10.1-inch TFT LCD touch display
Button: Virtual + touch buttons



U-CY2700 (Front wall integrated)

* Only compatible with i520S

Button: BR36E
Panel material: Matches the material of the adjacent car wall

1 BR36E



TL-500

Panel: Glass panel
Display: TFT LCD touch display



BR36F

*Only compatible with i520S-G
Button: Mechanical button hall call



U-ZW6000

Display: 4.3-inch LED segment display
Button: Mechanical button
Panel: Glass + aluminum alloy housing

* Pictures are for reference only. Please refer to the actual product.

Preferred Functions

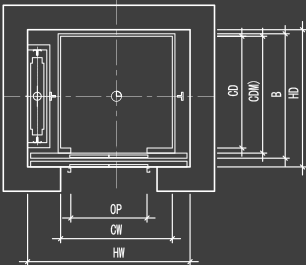
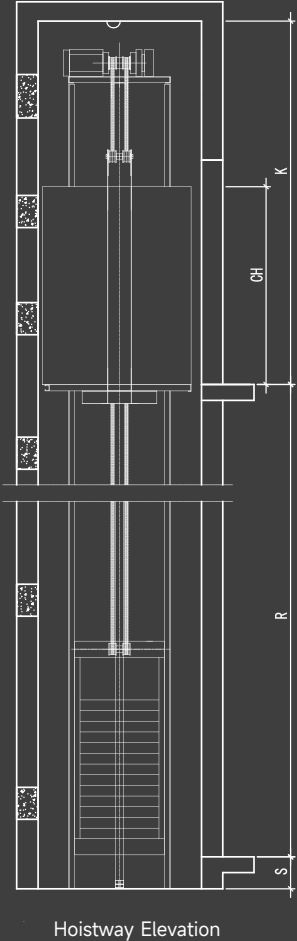
Complete Elevator Function List

● Standard configuration ○ Optional configuration

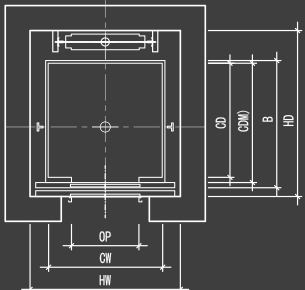
Function Name	Function Description	Remarks
Rescue Leveling Operation	When the elevator is in non-inspection mode and not parked in the leveling zone, it will automatically run to the nearest leveling zone at low speed and open the doors, provided all safety startup conditions are met.	●
Car Door Opening Protection	If the elevator fails to fully open its doors within the preset time due to mechanical jamming or other reasons, all call signals will be automatically canceled. The elevator will travel to the adjacent floor, open its doors and release passengers.	●
Overspeed Protection	Ensures car operating speed stays within the safe control range to guarantee passenger safety.	●
STO	Safe Torque Off function. The TÜV-certified contactless control cabinet enables quieter elevator operation.	●
Electric Brake Release	An electric brake release device is integrated in the control cabinet. Press the jog brake release button to disengage the brake and allow the car to glide to the leveling position.	●
Motor Overcurrent Protection	The system automatically activates protection when motor current exceeds the maximum allowable value.	●
Child Lock	Hall calls support password setting and elevator lock functions to prevent unsupervised child operation and avoid hazards.	○
Automatic Power Failure Emergency Leveling	If a running car becomes trapped outside the door zone due to a building power outage, the emergency leveling device activates, driving the elevator to the nearest door zone at low speed and opening the doors to release passengers.	●
Remote Monitoring	Elevator status and fault data are uploaded to the Global Eagle Platform via an IoT gateway for real-time monitoring of operation and faults.	○

* For more functions, please consult our sales staff.

i520S Civil Drawings



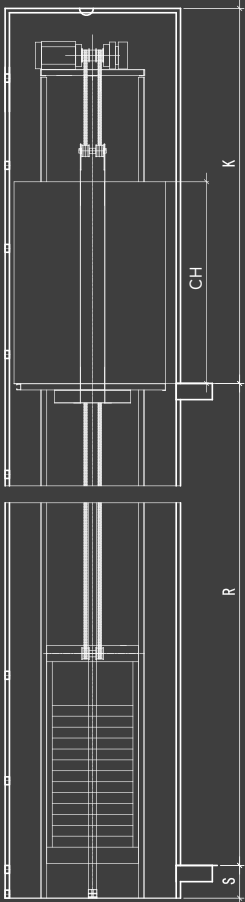
Hoistway Plan



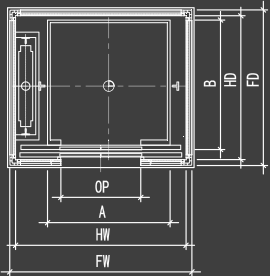
Hoistway Plan

Load capacity (kg)	Door system	Counterweight position	Speed (m/s)	Net hoistway size width × depth (mm)	Net car size width × depth (mm)	Net car width × Nominal net car depth (mm)	Clear door opening (mm)	Net car height (mm)	Top floor height (mm)	Pit dept (mm)
250	Center opening door	Side-mounted counterweight	0.4/0.63	1400×1250	900×1000	900×1050	600	2200	3200	300
320				1500×1300	1000×1050	1000×1100	700			
400				1600×1350	1100×1100	1100×1150	750			
250	Side opening door			1400×1350	900×1000	900×1075	650			
320				1500×1400	1000×1050	1000×1125	800			
400				1600×1450	1100×1100	1100×1175	800			
250	Center opening door	Rear-mounted counterweight	0.4/0.63	1300×1450	950×950	950×1000	600	2200	3200	300
320				1350×1550	1000×1050	1000×1100	600			
400				1450×1600	1100×1100	1100×1150	650			
250	Side opening door			1300×1500	950×950	950×1025	650			
320				1350×1600	1000×1050	1000×1125	700			
400				1450×1650	1100×1100	1100×1175	800			

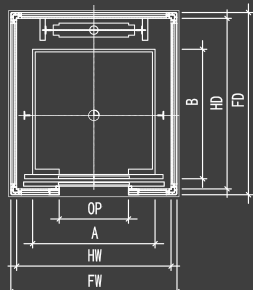
i520S-G Civil Drawings



Hoistway Elevation



Hoistway Plan



Hoistway Plan

Load capacity (kg)	Door system	Counterweight position	Speed (m/s)	Net hoistway size width × depth (mm)	Net car size width × depth (mm)	External car dimensions Width × Depth (mm)	Clear door opening dimensions Width × Depth (mm)	Car height (mm)	Top floor height (mm)	Pit dept (mm)
250	Center opening door	Side-mounted counterweight	0.4/0.63	1400×1250	900×1000	950×1115	650×2000	2200	3000/3100	300/350
320				1500×1300	1000×1050	1050×1165	700×2000			
400				1600×1350	1100×1100	1150×1215	750×2000			
250	Side opening door			1400×1350	900×1000	950×1170	650×2000			
320				1500×1400	1000×1050	1050×1220	750×2000			
400				1600×1450	1100×1100	1150×1270	800×2000			
250	Center-opening Bi-fold Door			1400×1250	900×1000	950×1115	650×2000			
320				1500×1300	1000×1050	1050×1165	700×2000			
400				1600×1350	1100×1100	1150×1215	750×2000			
250	Center opening door	Rear-mounted counterweight	0.4/0.63	1300×1500	900×1000	1000×1115	600×2000	2200	3200/3250	300/350
320				1350×1550	1000×1050	1050×1165	600×2000			
400				1450×1600	1100×1100	1150×1215	650×2000			
250	Side opening door			1300×1600	900×1000	1000×1170	650×2000			
320				1350×1650	1000×1050	1050×1220	700×2000			
400				1450×1700	1100×1100	1150×1270	800×2000			
250	Center-opening Bi-fold Door			1300×1600	900×1000	1000×1170	700×2000			
320				1350×1650	1000×1050	1050×1220	700×2000			
400				1450×1700	1100×1100	1150×1270	800×2000			

FUJI Elevator is a comprehensive elevator manufacturer integrating R&D, manufacturing, sales, installation and after-sales service. With over 15 years of heritage, it boasts strong R&D capabilities and a complete product portfolio. Committed to independent innovation, it continues to deepen its presence in the domestic market, expand overseas markets, and actively build a global marketing and service network, dedicated to delivering more professional technology, products and services to customers worldwide.



TRIENNIUM

We'll lift you to new heights

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