

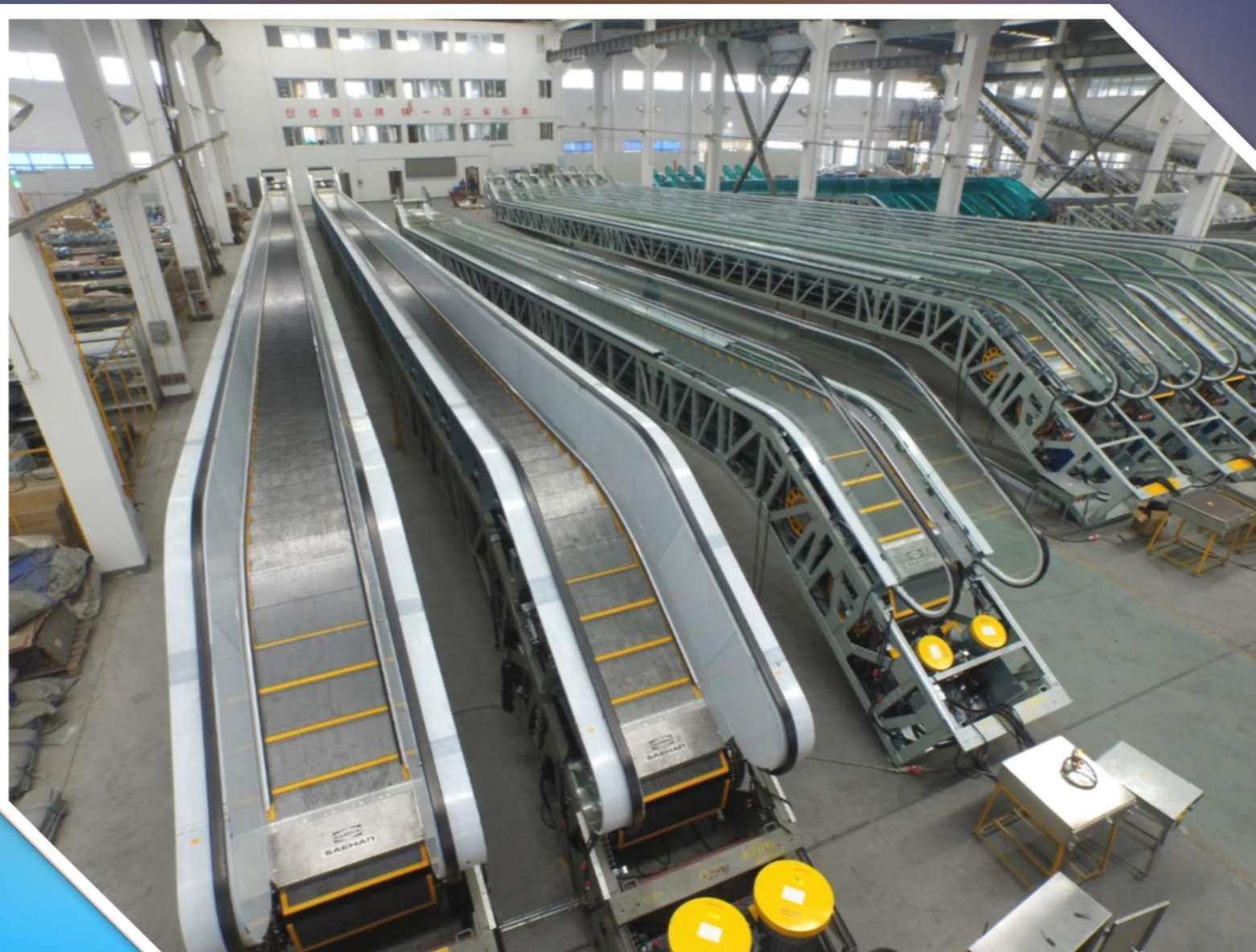


Welcome to HANSON!

HANSON Production site



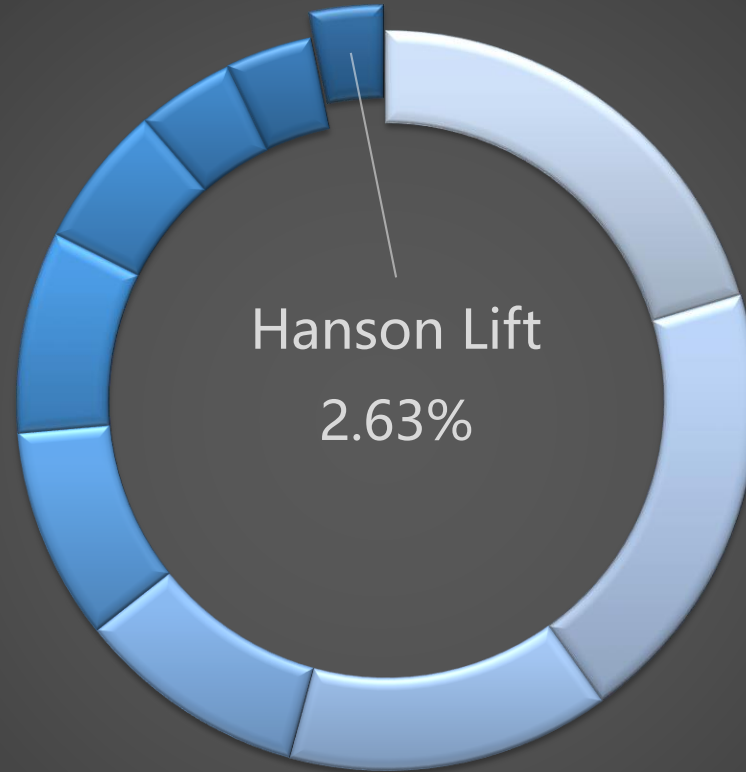
HANSON Production site





Overseas market share

Feb 2016~ Feb 2017 overseas market share top 10

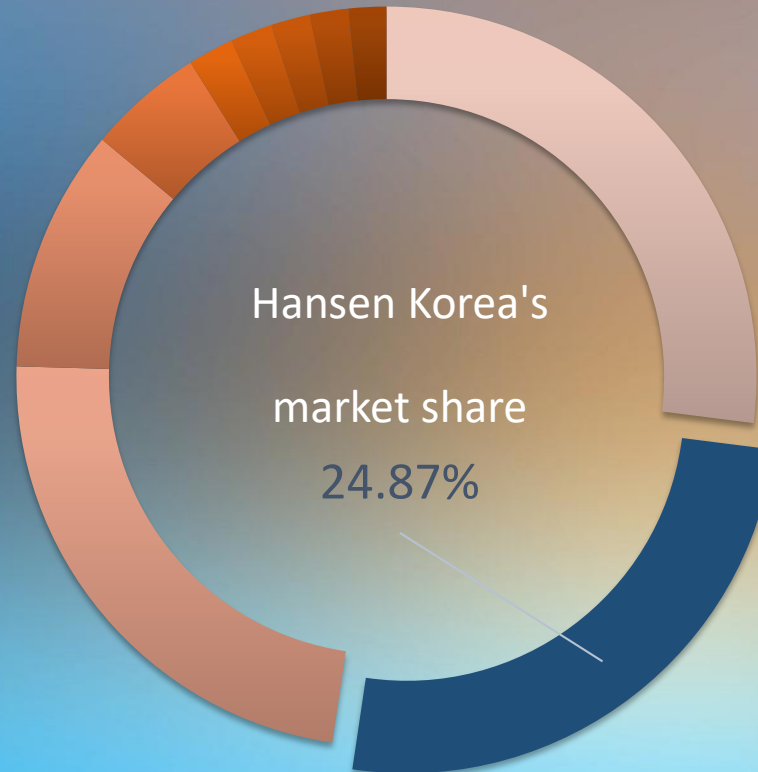


- | | | | |
|------------------------|-----------------------|-------------|-----------------------|
| ■ Schindler China | ■ Kone Elevator China | ■ Xizi Otis | ■ Shanghai Hyundai |
| ■ Thyssen Kurupp China | ■ Guangzhou Otis | ■ SJEC | ■ Shanghai Mitsubishi |
| ■ Canny Elevator | ■ Hanson Lift Suzhou | | |



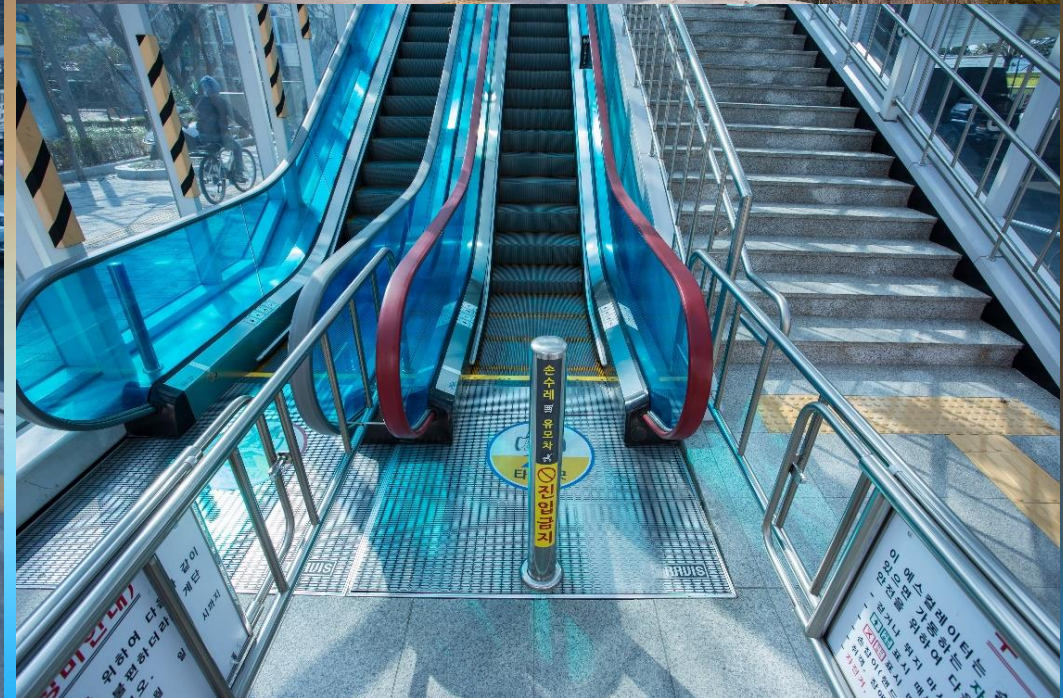
South Korea's market share

Feb 2016 ~ Feb 2017 Korean market share top 10



- | | | | | |
|-----------------------|------------------|--------------------|-----------------|-------------|
| ■ Schindler China | ■ Hansen Lift | ■ Shanghai Hyundai | ■ Tyssen Kurupp | ■ Sgima |
| ■ Shanghai Mitsubishi | ■ Guangzhou Otis | ■ Canny | ■ Nanjing Anlev | ■ Xizi Otis |

HANSON Project Case



HANSON Project Case



HANSON Project Case

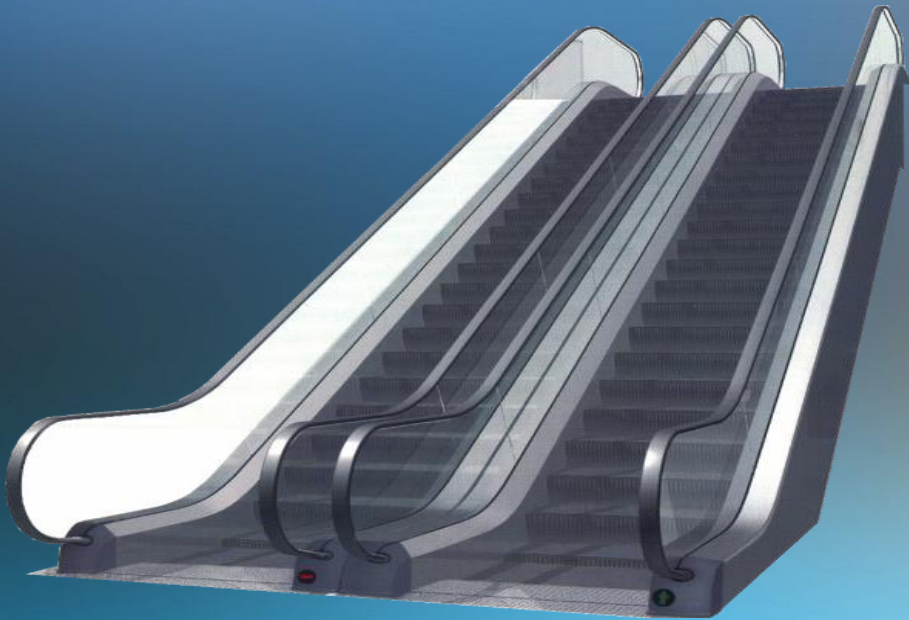


HANSON Project Case





Model & Spec.



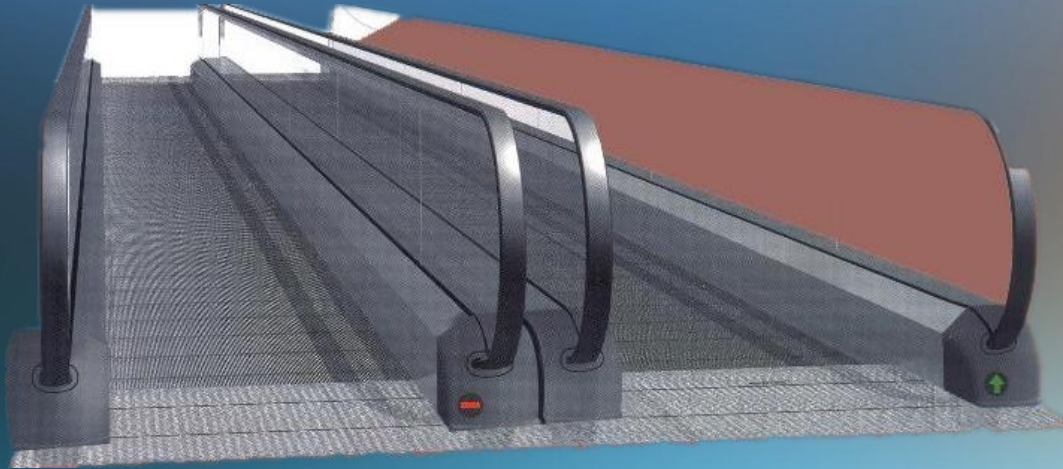
Escalator HS200

Angle of Inclination 23.2、 25、 27.3 、 30 、 35°

Step Width 100、 80、 60 cm

Horizontal Steps K(2)、 M(3)、 L(4)

Maximum vertical height 50m



Moving walks HS300

Angle of Inclination 0、 10、 11、 12°

Pallet width 140、 100、 80 cm

Pallet distance 133、 266、 400mm

Maximum vertical height 9m

Span 7-100m



Model & Spec.



Safety

Unique fingers protector, comb plate protector device such as a new security protection level is higher.



Stable

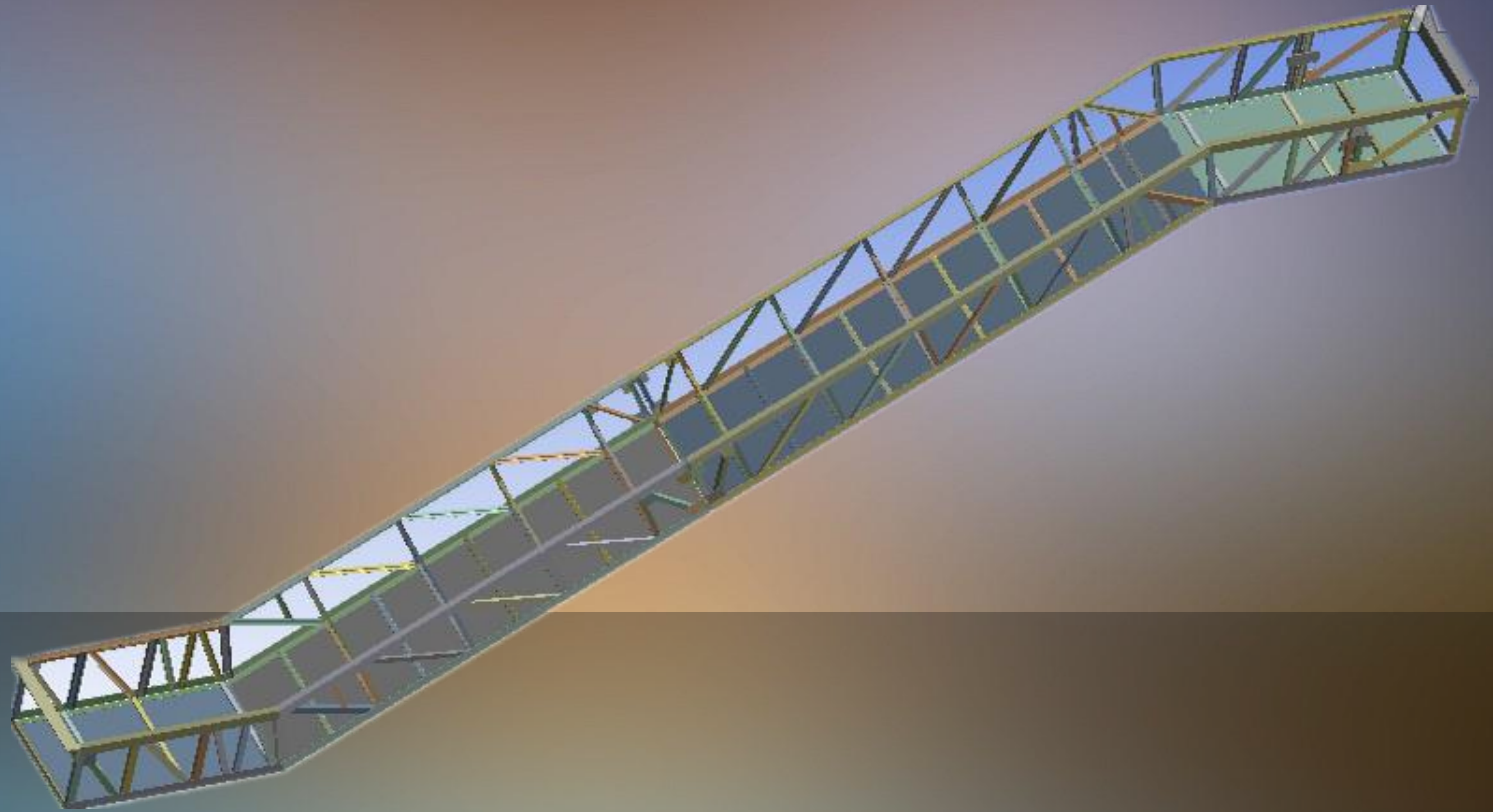
Unique step driving system and the guide rail structure make the run more smoothly, lower noise.



Artistic

Using high quality materials, with unique assembly method of 3 mm process, to ensure product design concept

Beautiful: the unique monolithic inlet and embedded operation indicator and fault display.



Truss

Use excellent L125X80X8 or L125X80X12 Angle background chord. Suitable for welding and antirust processing, to ensure long service life.

Truss do sandblasting surface treatment, with high quality surface coated with anti-rust primer paint.

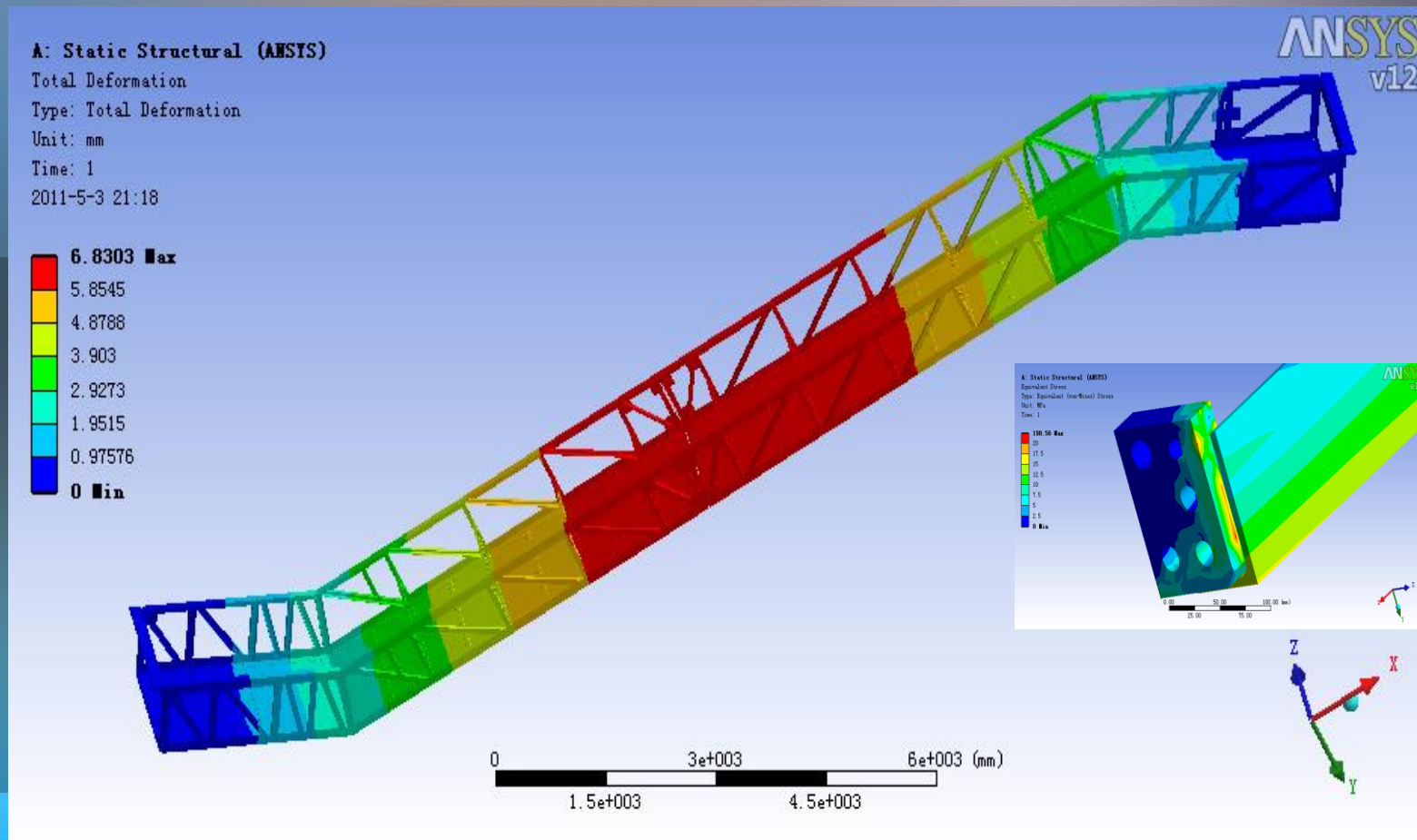


The structure and parameters of the main components



Finite element analysis

With professional software to analyze escalator truss structure, to ensure product safety.





The structure and parameters of the main components

Step Chain

Outer ring material

German Bayer's oil resistant and high hydrolysis of polyurethane

Shaft pin material

Using 30CrMo alloy steel, quenched



Bearing

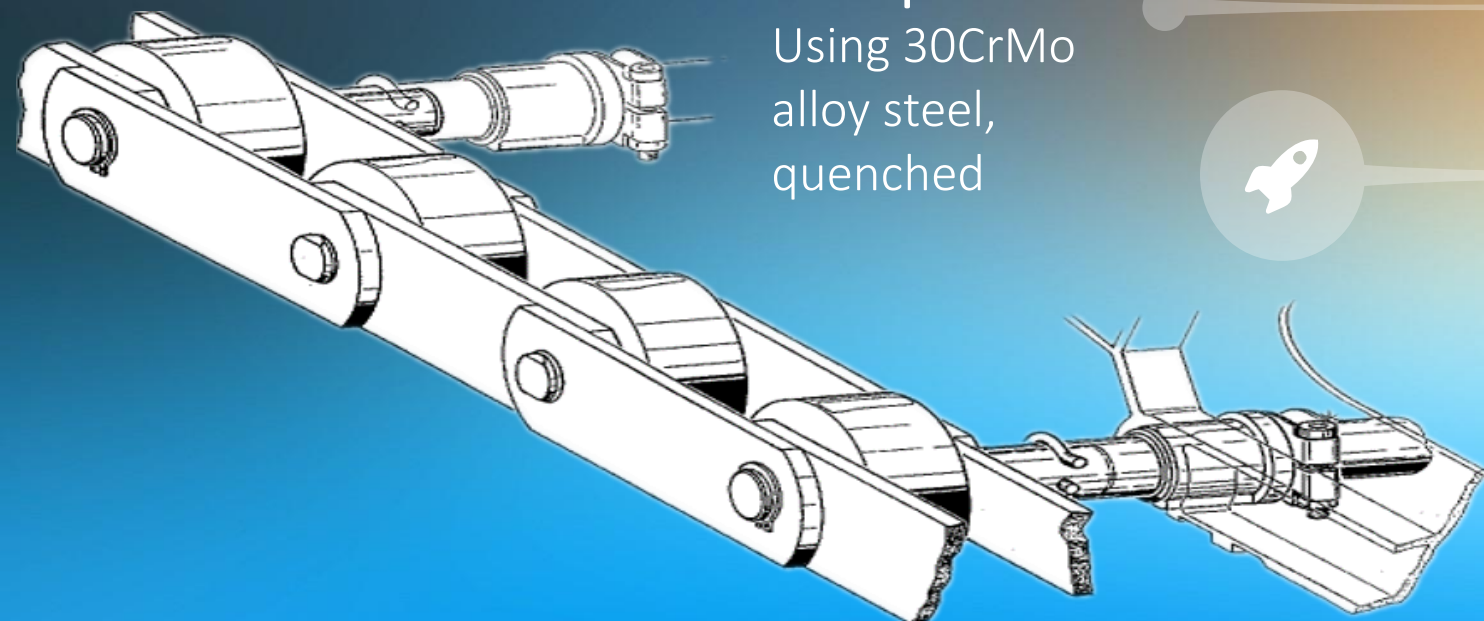
Special use of double seal groove precision bearings with the Chevron grease

Chain plate

Using 5mm thick 40Cr alloy steel, quenched

Tensile strength

Commercial > 130KN;
Public > 230KN;
Large height up to 490KN



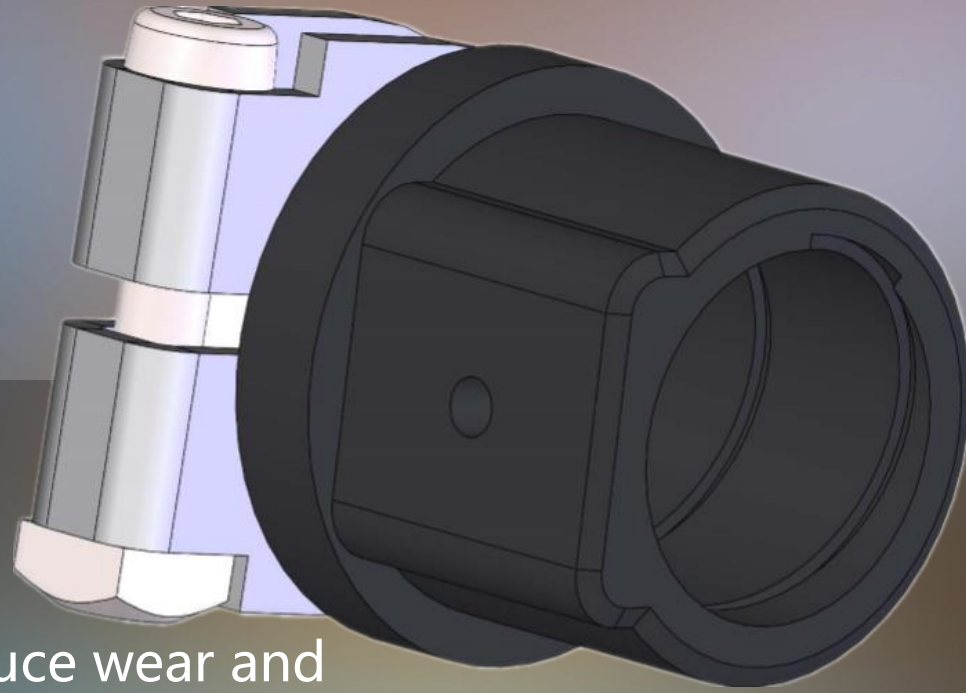


The structure and parameters of the main components



Step Bushing

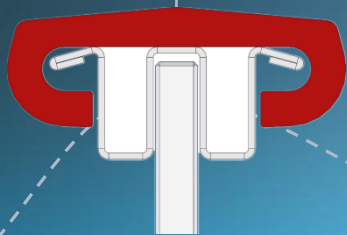
Spiral-type lubrication groove: to reduce wear and increase the life of the Surface oil injection hole: can be directly oiled, no step removal and debugging



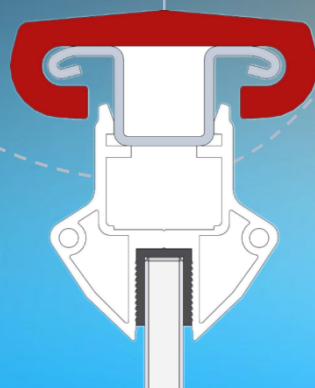


The structure and parameters of the main components

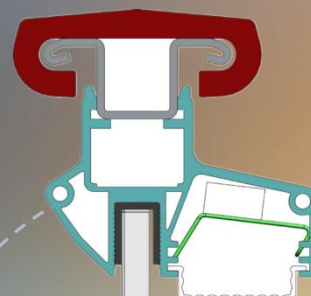
STS Slimline
type



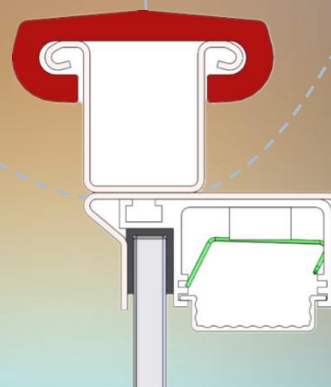
Aluminium
alloy no light



STS with light



Aluminium
alloy with light



Balustrade Type

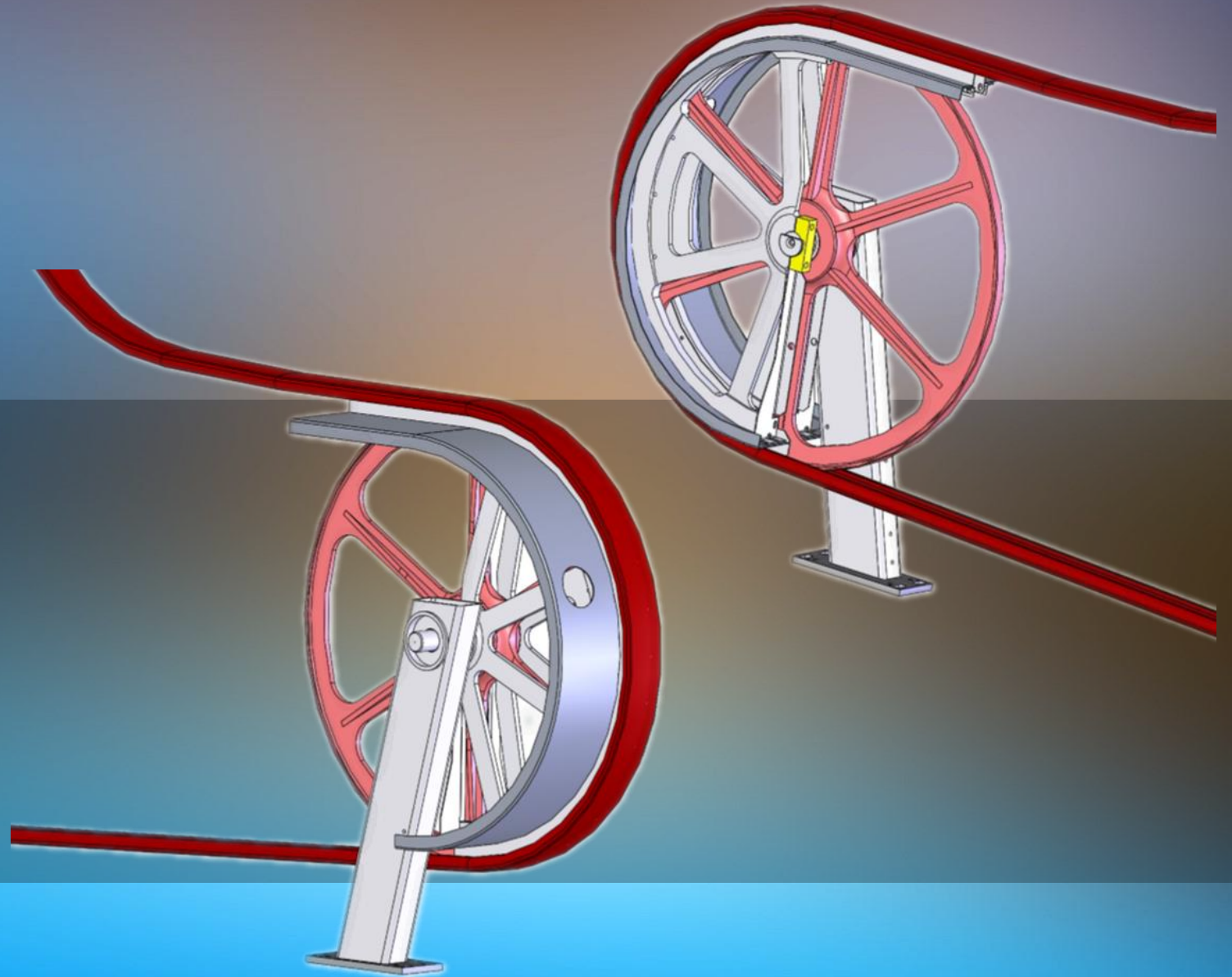


The structure and parameters of the main components



Inclined balustrade newel

Adopt the large rotating wheel structure, the strength is high, the handrail wear is small, but the whole is disassembled.





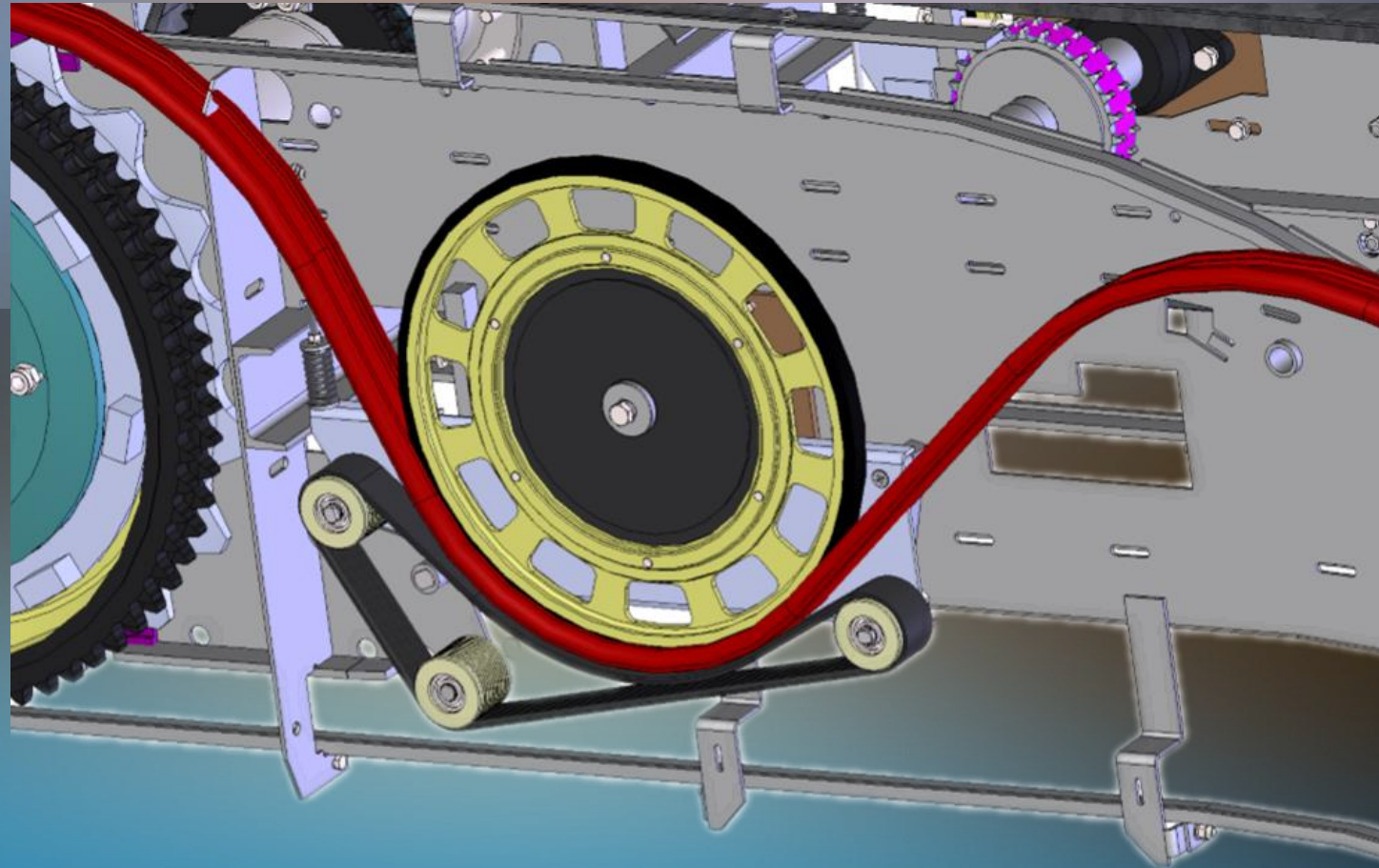
The structure and parameters of the main components



Handrail drive system

Classic big friction wheel transmission structure.

Angle can reach more than 140 degrees, drive device is installed on the guide rail component side panel, high precision, not affected by truss elastic deformation.





The structure and parameters of the main components

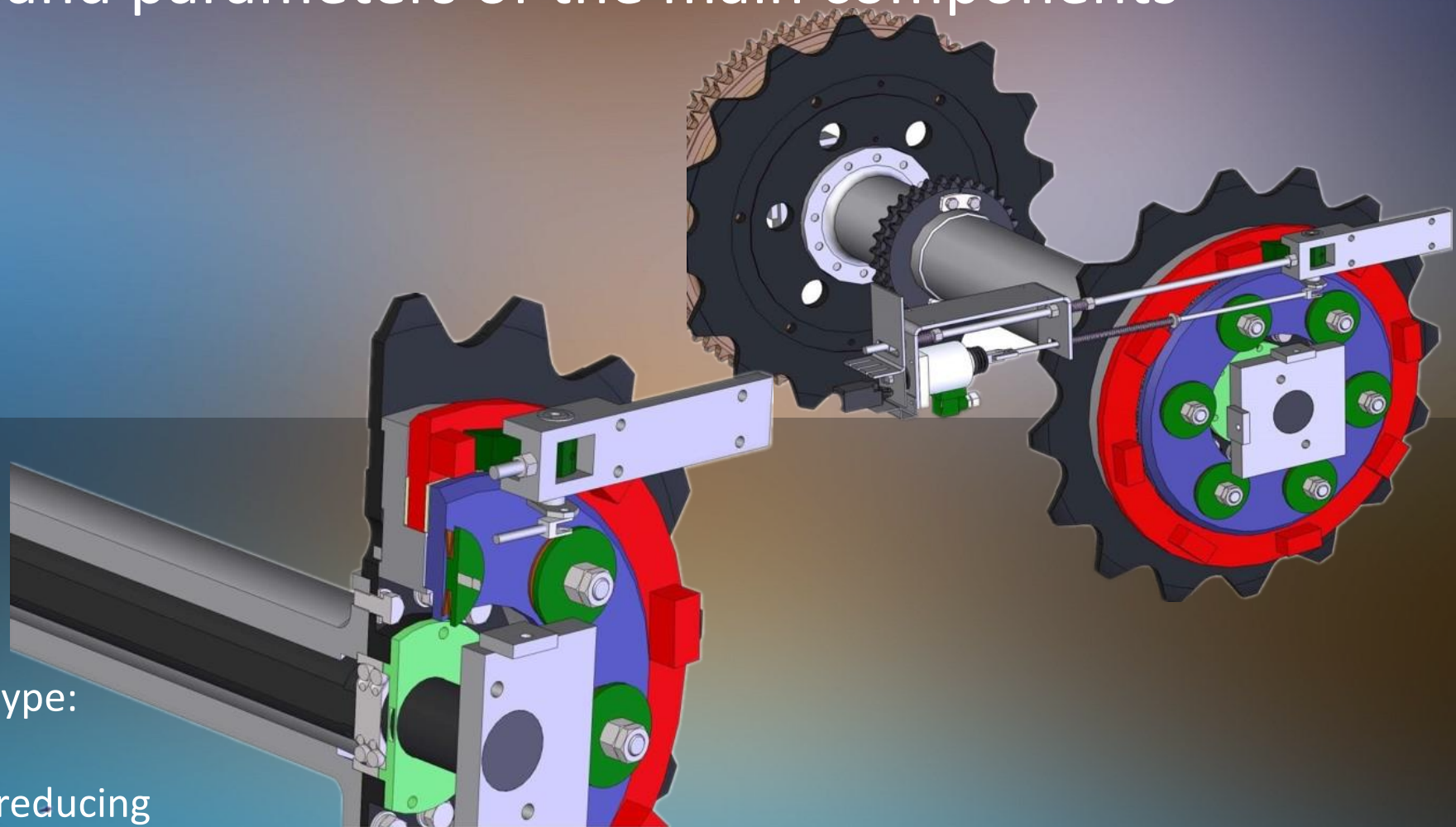


Emergency Brake

Active: more secure

Energy consumption braking type:
small impact

Ensure reasonable distances, reducing
speed of $1 \text{ m/s}^2 \sim 0.2 \text{ m/s}^2$



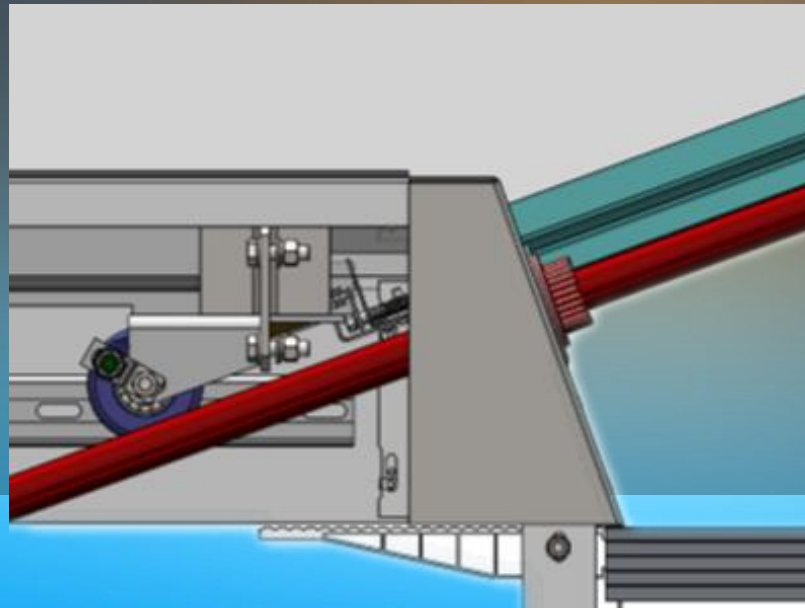


The structure and parameters of the main components



Handrail Inlet Protection

Above the safety switch in inlet, you do not need to remove when install or replace handrail and readjustment.



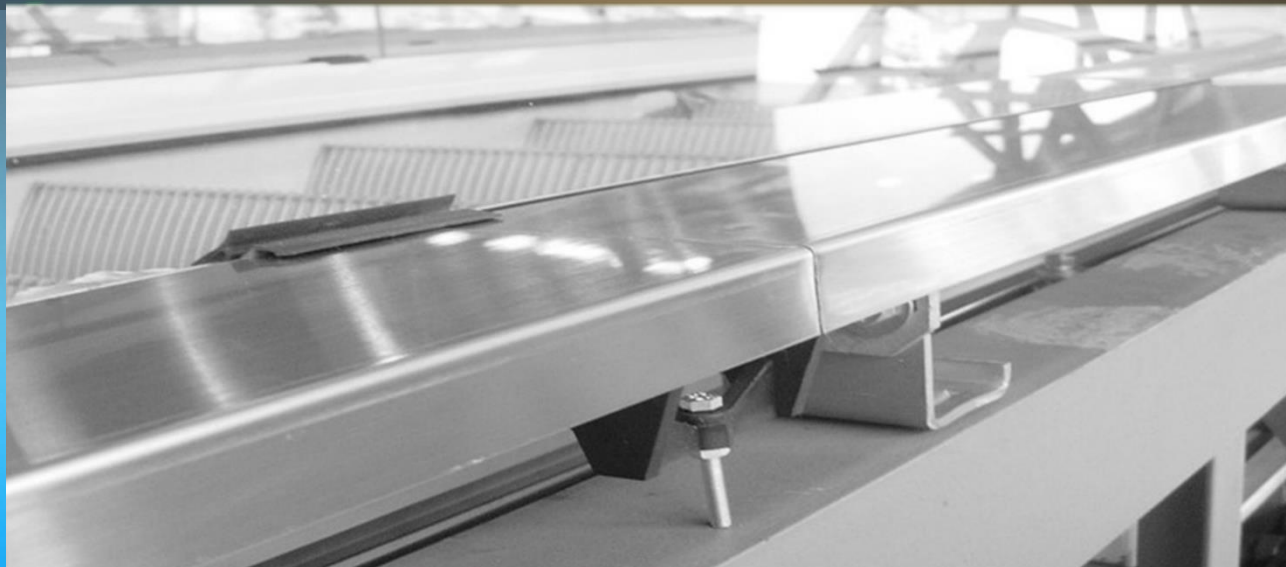
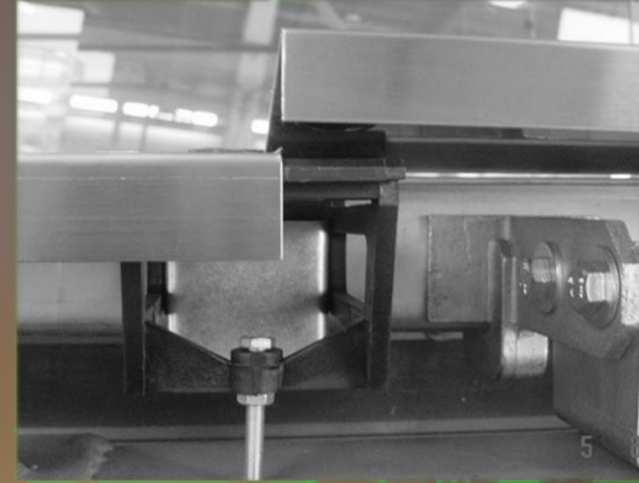


The structure and parameters of the main components



Out Deck

Unique outer deck support frame to ensure the formation of the outer deck and solid, easy adjustment and removal.



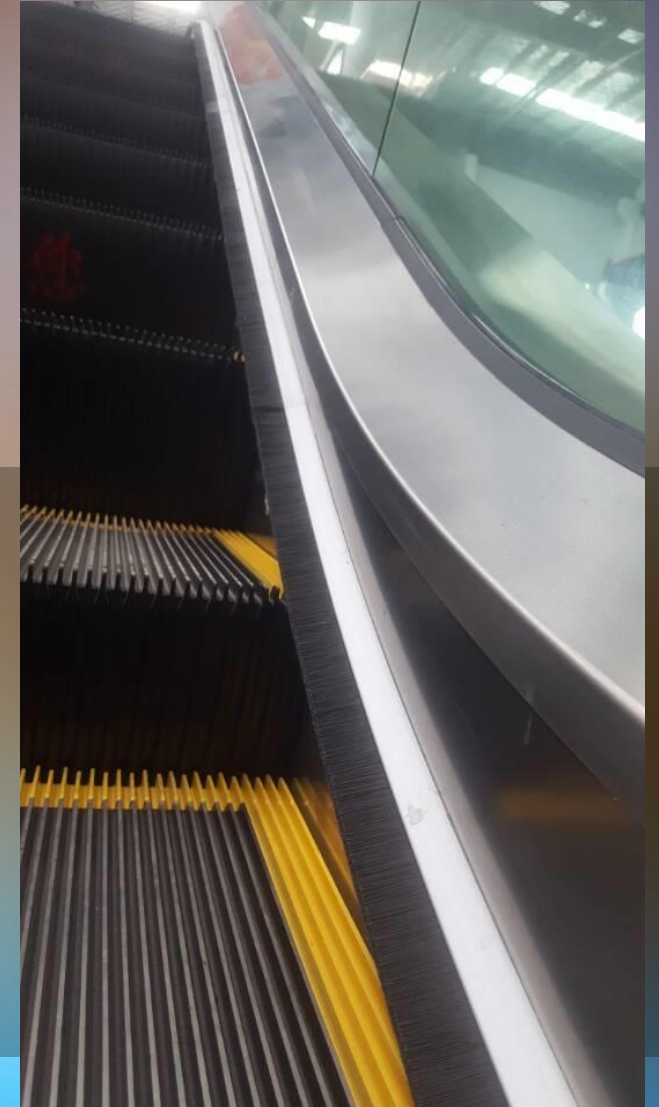
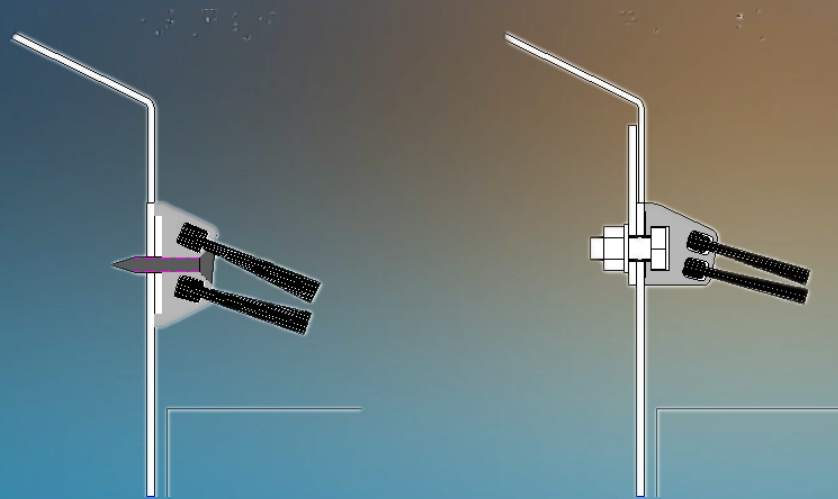


The structure and parameters of the main components



Skirt brush

Special aluminum alloy stent, the use of bolt, safe and reliable.





The structure and parameters of the main components



Control system

Use the specially developed escalator controller to test the reliability of the -20 to + 60 degree environment



HANSON Full road test



Scientific and rigorous testing to ensure the security of each escalator.

