



# V6 SHOW

Make the stage more impressive



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# 1 Introduction





## *V6-Show* CNC Smart hoist

It brings more space and imagination for stage art creation while solving stage construction needs such as lifting lights, analyzing frames, scenery, screen, etc.

Using servomotors and drives greatly improves operational precision and minimizes errors



# 2 Features





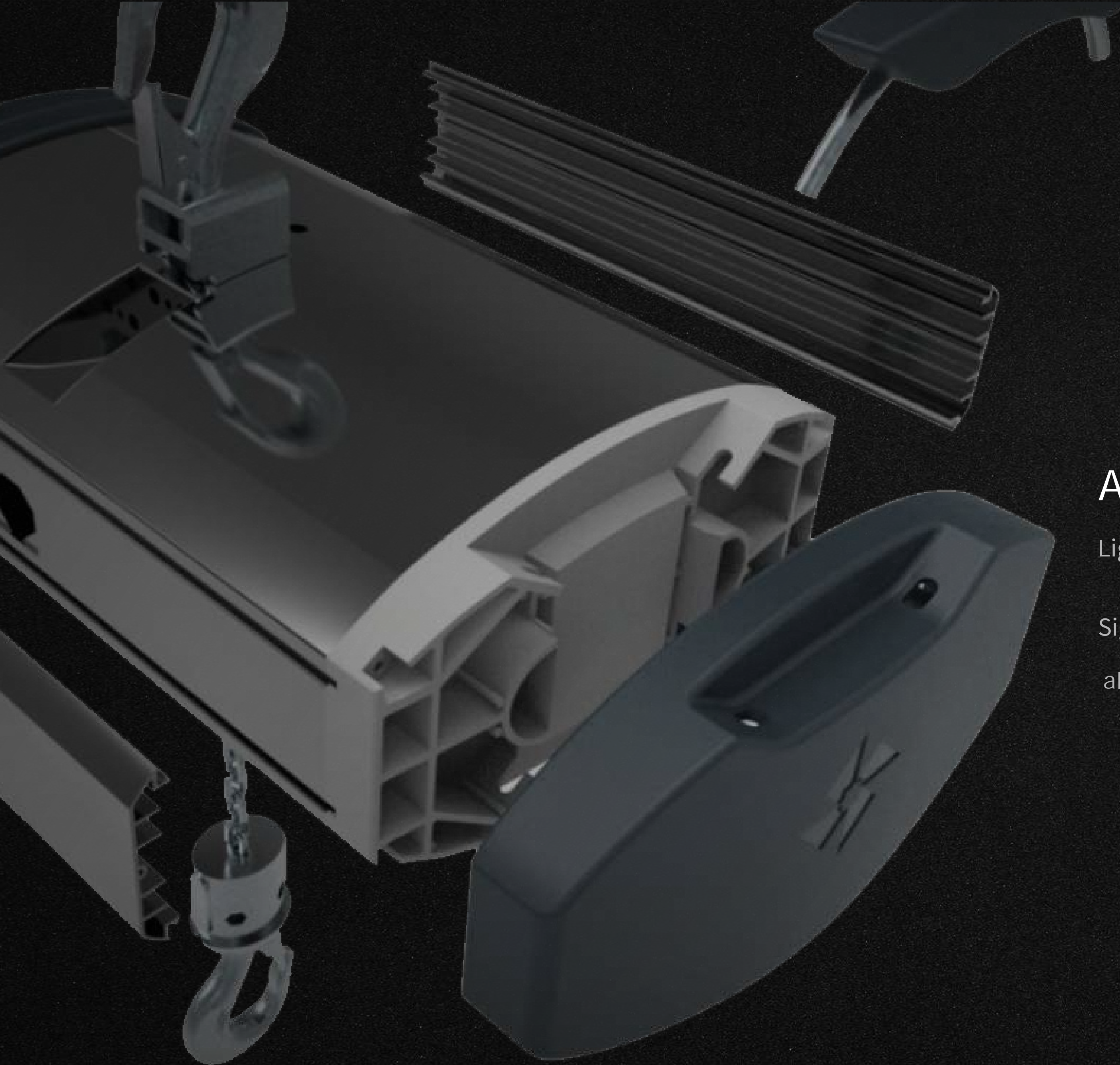
## Built-in load sensor

provides real-time monitoring during operation to ensure each hoist is properly loaded.

## Multiple programming modes

More stage effects can be achieved by combining freely.





## Aviation aluminum shell ,light and solid

Lighter weight comes from the monolithic design.

Significantly reduced body weight combined with use of aerospace grade aluminum





Chain guard with angle of **45** degree without chain stuck.

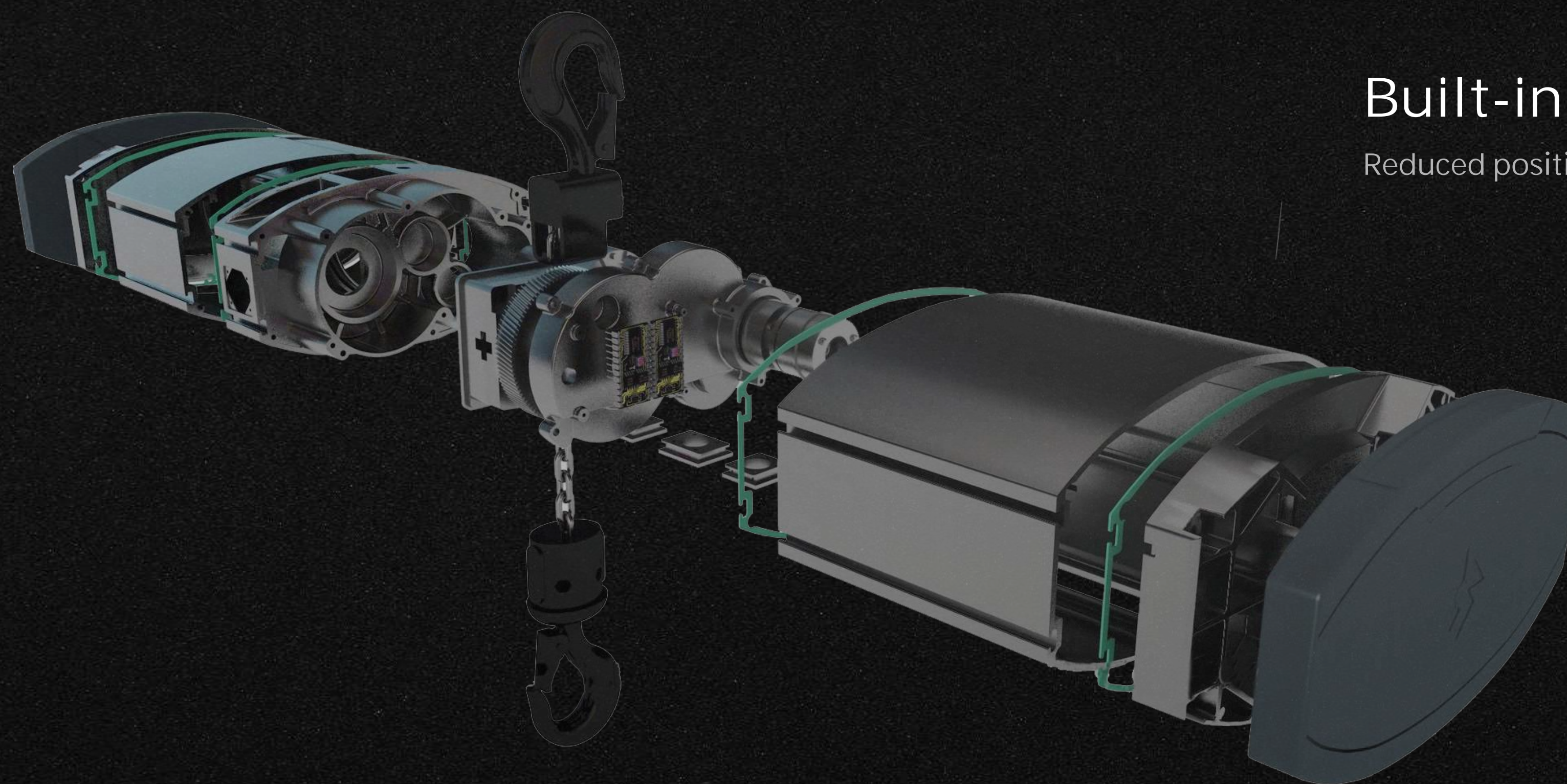
After twice upgrading, chain guard with angle of 45 degree can reduce the possibility of chain stuck.



**IP55** protection degree







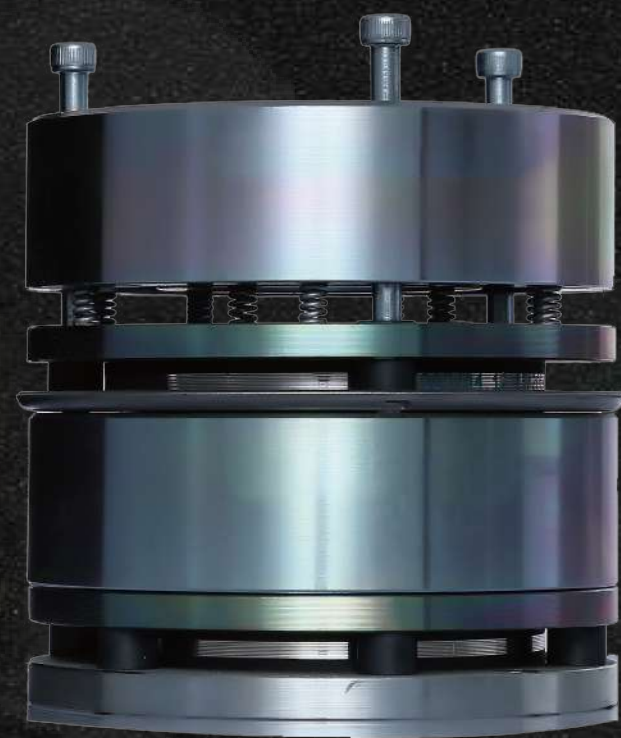
## Built-in Absolute Encoder

Reduced positioning error, repetition accuracy 0.1MM

Double electromagnetic brake

**10x** safety factor



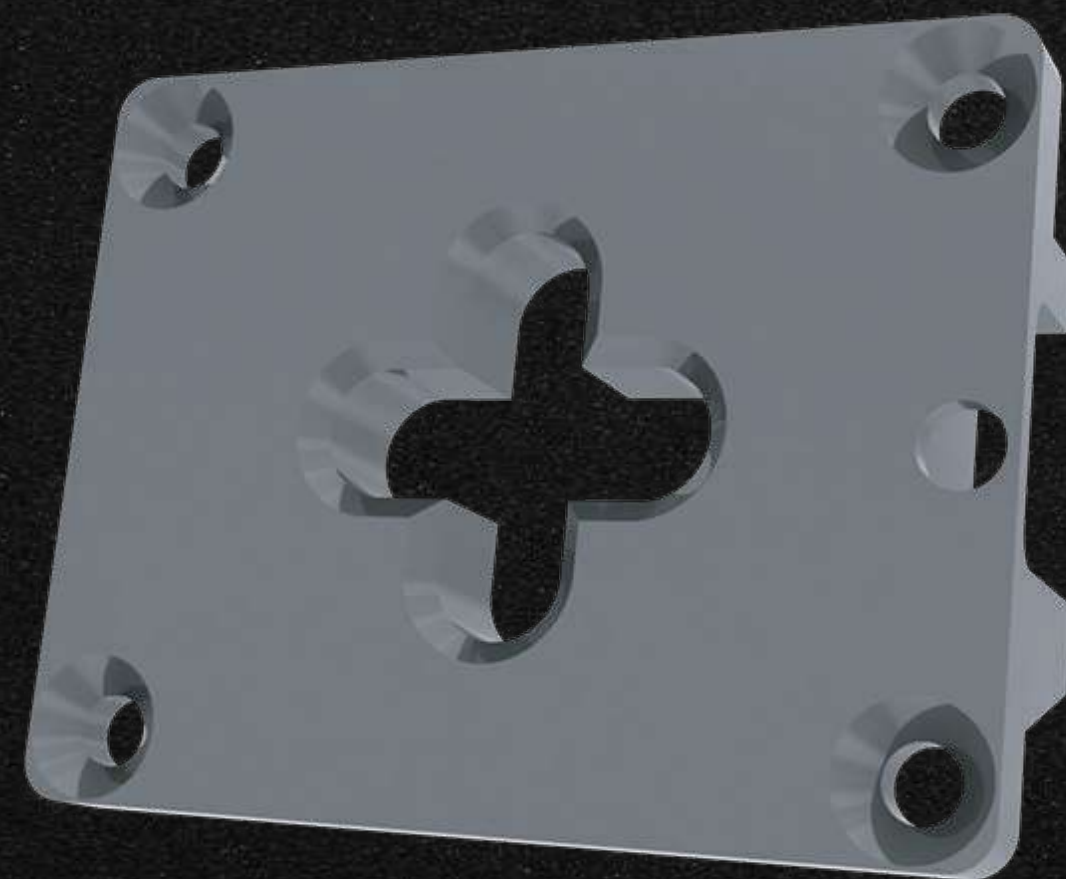


## Dual brake system

Dual electromagnetic brakes, synchronized and independent of one another, reduce possibility of brake failure and increase hoist safety and stability.

Dissipates heat more efficiently





## Adjustable electronic limit switch

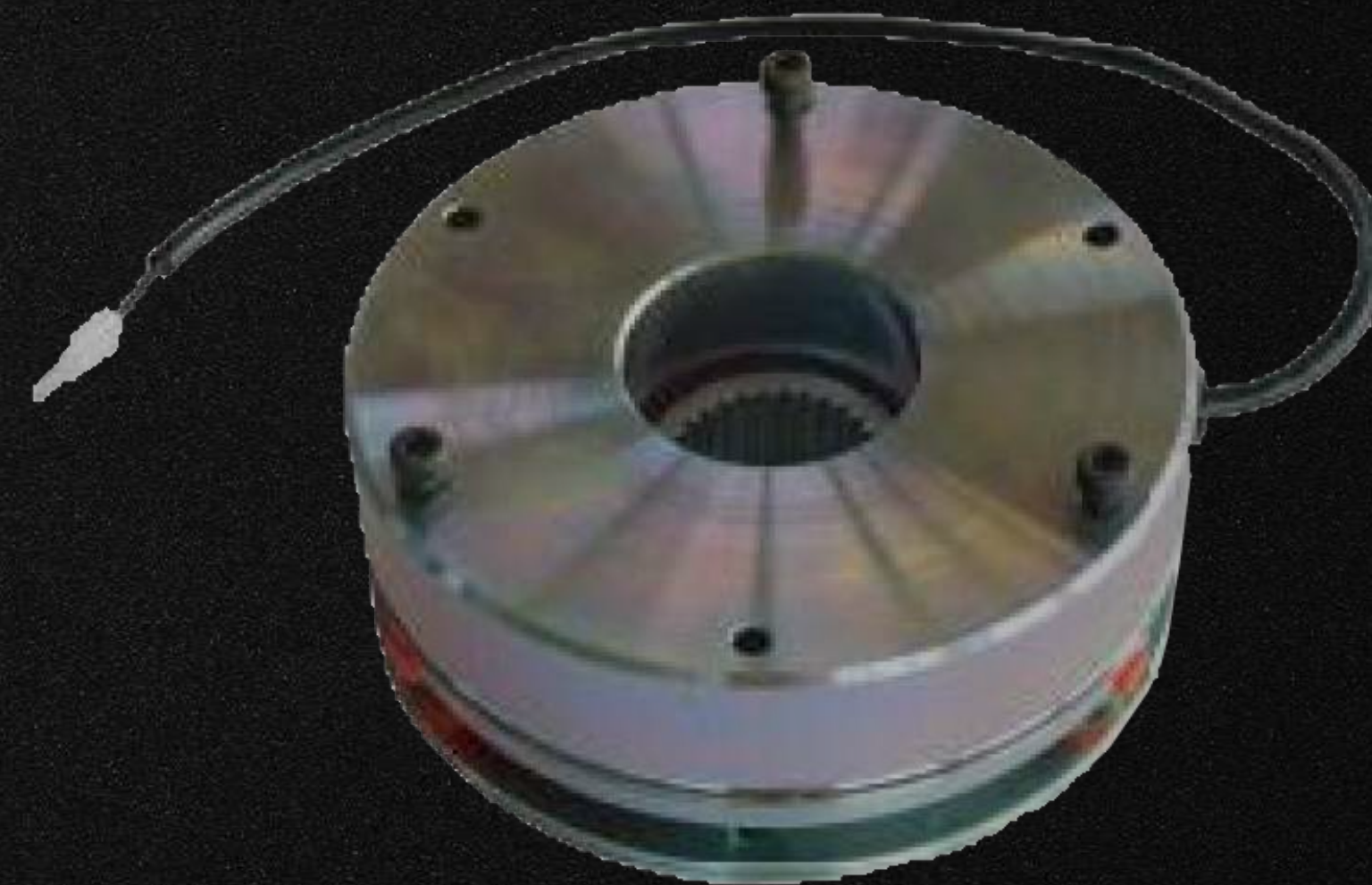
Adjustable electronic limit switch with precision microswitch, the hoist immediately and automatically shuts off power when the chain reaches the limit position,

Ensure the safety when lifting the hoist



## New Improved torque braker

Adopting 300000 times life duration of braker in the way of power-off braking to ensure the reliability in safety and achieve life-long maintenance free of charge.

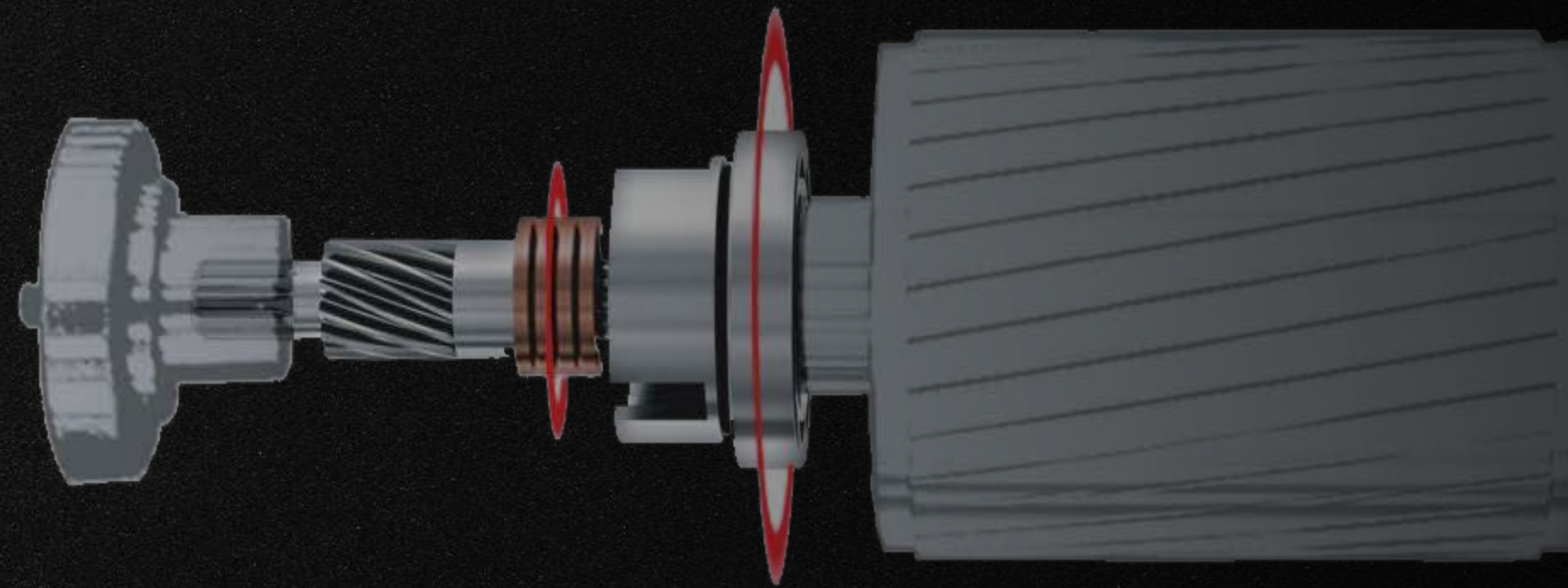




## Overload protection

More safety

Equipped with a safety clutch assembly, it can automatically identify the payload. When there is overloaded, the safety clutch can generate slip through the friction mechanism so that it could cut off torque transmission between the electric motor box and gearbox, achieving overload protection.





# 3 Parameter





Rated load (kg)	500	Body weight (kg)	45
Lifting speed (m/min)	0-16	Number of chains	1
Chain size (mm)	7*20	Connector specification	24HDC;heavy duty connector
Body size (mm)	660*347*365	Servo motor(kw)kw)	2.5
Chain weigh (kg/m)	1.1		



# 4 Cases





Shine ! Super Brothers



Beijing Role Model Award Ceremony



V6-SHOW assistance '2022 Tibetan Spring Festival Night'



Drama "Zhang Qian's Biography



Drama "The Retrograde》



Vivo winter Launch Event