

Innovation leads the future

Controller

1. Accurate positioning: zero speed servo function, smooth lifting of the workpiece, with a speed control ratio of up to 1:1000 and a minimum lifting speed of 0.05m/min (zero speed start), making it easier to control the workpiece at slow speeds, without vibration and mute.
2. Wide speed servo range, efficient operation: the fastest lifting (1.9 times higher than the normal speed) when unloaded or below 10% of the rated load.
3. Rich interfaces, flexible configuration, and adaptability to various control interface signals.

Encoder

1. Adopting a high-resolution magnetic encoder with fast response rate.
2. Long service life.
3. High control accuracy, achieving precise control of up and down positioning.

Gearbox

Due to the use of helical gears in all gears of the gearbox, noise is effectively reduced, operation is smooth, and service life is extended.

Status display window

Real time display of current operating speed (n.nn m/min), fault status, and other information.

Round steel chain

1. High strength, aging resistant material with high surface strength.
2. Galvanization and additional surface treatment process can prevent corrosion medium erosion.
3. Optional with additional rust protection, suitable for applications in the food industry and extreme dust environments.

Shell

The sturdy and lightweight aluminum casing adopts a compact and modern industrial design.

Hanger

Articulated suspension, smaller hook size C, optimized headroom.

Direct connection structure

1. Adopting a direct connection structure, there will be no physical slippage, avoiding slippage at the moment of lifting and ensuring control accuracy.
2. Through special algorithms of servo control, electronic clutch technology is implemented to provide reliable protection against overload situations.

Servo motor

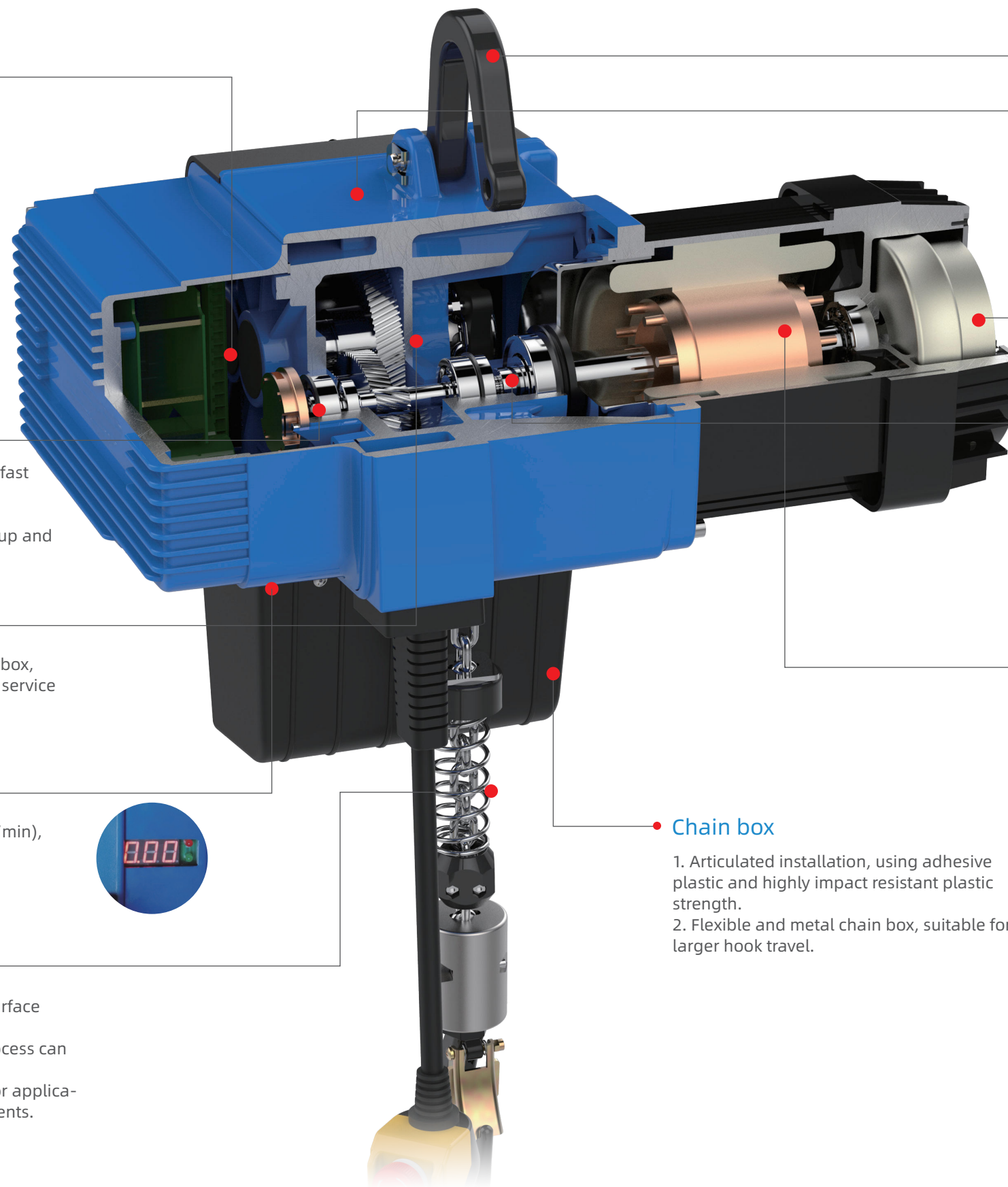
1. Specially designed servo motor for lifting, capable of lifting workpieces at zero speed (under rated load state) and accurately controlling the running speed.
2. Fanless design with ample power margin.

Electromagnetic brake

1. Fully utilizing the characteristics of servo controlled electronic brakes, no shaking during the lifting process combined with electromagnetic brake action, ensuring smooth operation and safe braking.
2. The combination of electronic brake and electromagnetic brake can fully reduce the physical wear of the brake pads, greatly extending the service life of the electromagnetic brake and the entire equipment.

Chain box

1. Articulated installation, using adhesive plastic and highly impact resistant plastic strength.
2. Flexible and metal chain box, suitable for larger hook travel.



INDUSTRY APPLICATIONS



PRODUCTION RESEARCH AND DEVELOPMENT

