

# PAWELL

ALL LIFTING EQUIPMENT



## Product Component



### Lifting motor

High-performance motor with light weight and small volume  
Rotating speed can be up to 3000r.p.m  
High starting torque and high energy efficiency  
continuous operation duration factor up to 60%,



### Lifting brake

Maintenance-free design Brake disc; Brake clearance adjusted automatically; Up to 1 million times service life. The fully enclosed brake with high protection grade can meet work requirements in harsh environment;



### Reduction gear box

Helical gear design, High transmission efficiency and low noise.  
Gear precision achieves Grade 7 or above; Full oil bath lubrication,  
ultra-low noise and long life; Perfect meshing and efficient transmission



### Overload clutch

Integrated in the drive gear shaft; Overload protection function can keep torque up to 1.4 times of safe load; Maintenance-free design, adjustable overload torque



### Electrical connector

Aluminum standard connectors prevent misconnection and overlooked connection; 10-core connector makes control and power supply easier; Plug and play, convenient and efficient



### Chain guide mechanism

5 sockets Chain guide wheel design; Hardening-treated surface;  
Smoother and quieter leading chain; Can meet work requirements in harsh environment;



### Chain

High safety factor, High-strength carburized alloy steel; Galvanized surface treatment; Abrasion-resistant and corrosion-resistant.



### Shell

Integrated die-casting alloy shell, plastic for Electrics; Light weight and good heat dissipation; Corrosion resistance and good sealing; Special suspension design prevents the impact from load force on shell