

Whole model number	CL5180ZYSBEV	Chassis model	EQ1180TLEVJ1
wheel base	4500 mm	Box volume	15m³
outline dimension	9100,8950×2550×3400 , 3300 mm	Rated load capacity	5370,5305,5870,5805 kg
gross mass	18000 kg	curb weight	12500,12000 kg
Battery brand category	Ningde lithium iron phosphate battery	Fuel type	Pure electric
Mileage	280 km (Full load 40km/h constant speed method)	maximum speed	89 km/h
battery capacity	210 KWh	tyre size	10.00R20 18 PR,295/80R22.5 18 PR,295/80R22.5 16 PR
Rated total battery voltage	608.58 V	Maximum climbing	≥30%
Charging time	About two hours	Approach angle / departure Angle	18/8°
Energy density of the battery system	158.98 w.h/ kg	Front suspension / rear suspension	1410mm/ 2840 mm
brake mode	Air brakes	Brakes	Drum
Battery layout form	Side hung	Front and rear axles (tonnage)	5/10 6.833
Driving recorder	Install a driving recorder with satellite positioning function		
Chassis controller	Controller type: Multi-in-one	Drive system: 6 gear box + mechanical power take-off + electric power take-off	
Chassis motor	Motor model: TZ366XS50B	Rated motor power/torque: 120 kw/500N.m	
	Motor brand: CRRC Times	Peak motor power/torque: 200 kw/1000N.m	



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### Box structure:

The curved box is compared to the old square The shape box is more beautiful, at the same time More volume

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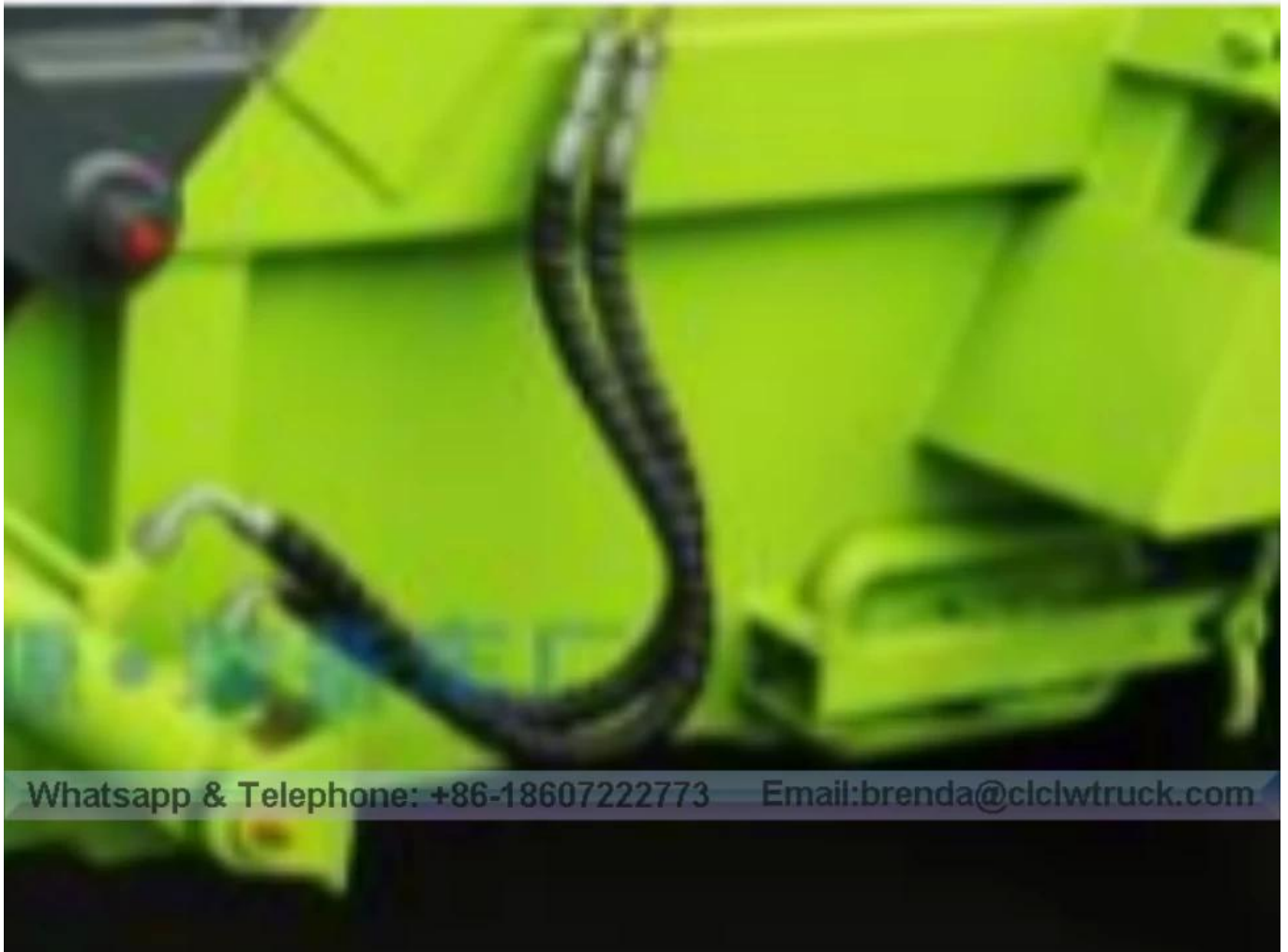


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### balanced valve:

Ensure the smooth operation of the cylinder safety

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### Tail sump tank:

The lower part of the tail filler has a sewage tank Thus, it can effectively prevent the use Sewage leakage problems, and discharge problems

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### multiple directional control valve:

Manual control system realizes manual loading of compressed garbage trucks, The multi-way valves used by our company are matched with special vehicles and have low failure rate

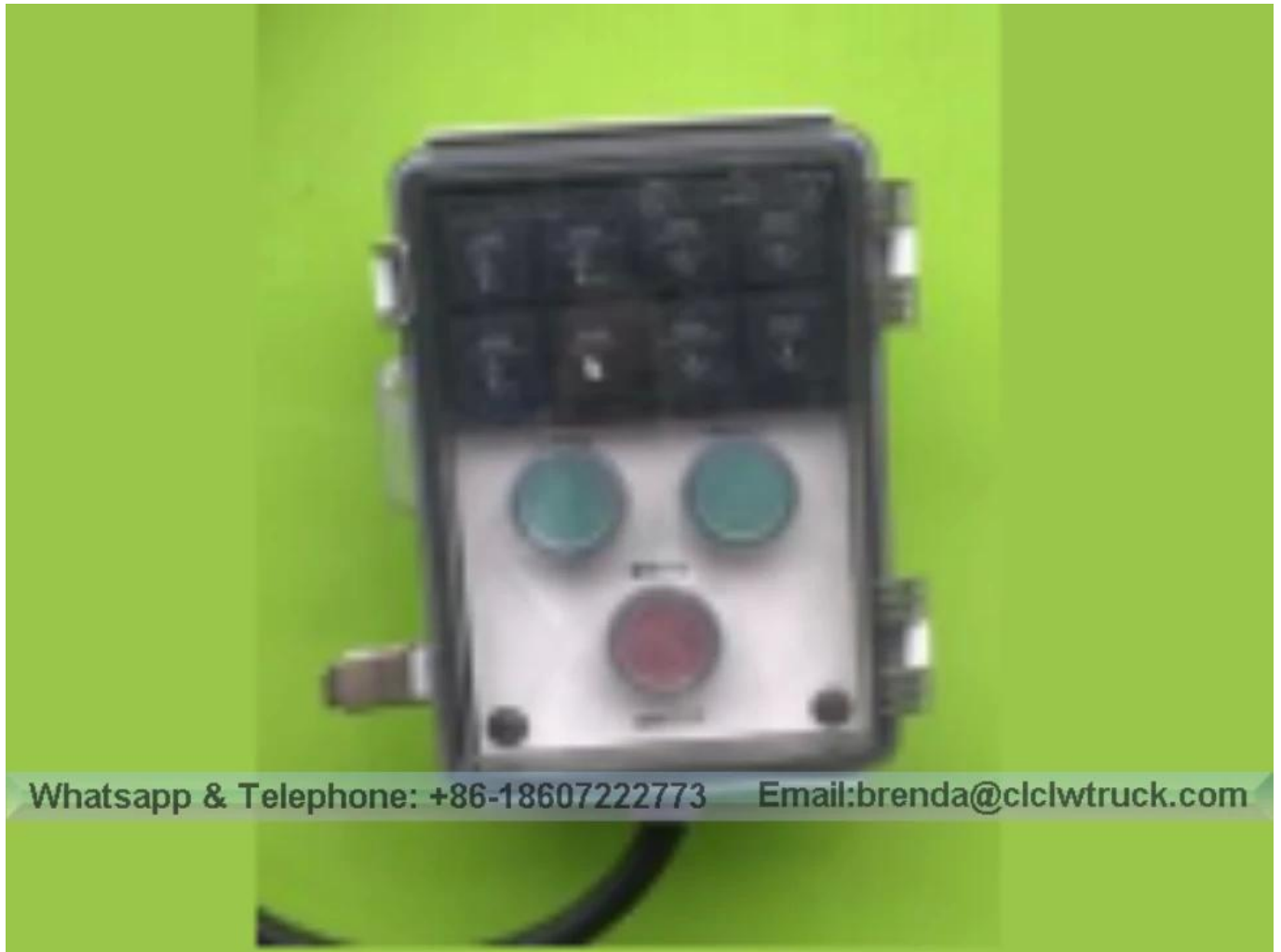
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### work light:

Working at night is like day, make sure Working environment, personal safety protection

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### electric control gear:

Automatic control unit, compared to the previous electric Control, waterproof, more convenient to use. CAN/PLC bus control system, with one key unloading Material, with flipping function, dual system control

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### remote control:

It can be operated by remote control, which is safe and convenient

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### hydraulic oil tank:

The fuel tank volume is increased to effectively improve the cooling efficiency and stabilize the oil temperature and pressure. The high-pressure pipeline filter can be installed on the pipeline with different pressure levels

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### Tail bucket flip plate + hydraulic cover plate:

The tail flip board can hang 120L/240L/660L garbage can

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### Product advantages:

- (1) The power battery is arranged on the side and assembled with a narrow bracket to meet the modification needs of various special upper parts
- (2) It is equipped with a high-power upper power interface to meet the electrification needs of various special vehicles
- (3) Zero pollution, low noise, effective environmental protection, fuel saving, and lower cost of use
- (4) Strong chassis carrying capacity: rear dual tires, diversified wheelbase, maximum climbing gradient of over 30%, suitable for various road conditions
- (5) Wide range of upper power supply, suitable for modification of various sanitation vehicles
- (6) Sedan-like interior and comfort settings, electronic control
- (7) Safe and reliable: Equipped with domestic high-end battery brand CATL
- (8) Additional configuration: main power switch, battery heating system
- (9) The vehicle is equipped with a large amount of power, so there is no need to worry about long-term operation
- (10) The upper part is composed of a sealed compression box loader, a push shovel, a hydraulic transmission system and an electrical control system. It adopts the hydraulic transmission, electrical control and bidirectional compression technology that has been tested in the market for a long time.

Through the automatic control system, it realizes the dumping and strong squeezing of garbage, and bidirectional pressure loading. It has the advantages of high pressure, good sealing, convenient operation, safety and stability. It is mainly suitable for the collection and transportation of domestic garbage in municipal sanitation, enterprise factories, construction sites, community properties, government agencies and colleges. The appearance of the box is an arc streamline shape, and the overall folding edge of the bottom plate is not welded, which eliminates the risk of leakage. It is simple and beautiful, with strong anti-deformation performance and good structural reliability. At the same time, it effectively increases the empty filling volume, which exceeds similar products. The material uses high-strength manganese steel plate, which is not easy to deform, wear-resistant and corrosion-resistant.