



Tel 400-672-8288

Jiangsu EP Equipment Co., Ltd.

Address: No. 2 Chunji Road, Jiangyin Park, Jingjiang City, Taizhou City, Jiangsu, China

E-mail: abc1103671342@gmail.com

Web: ep-equipment.com

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EP AVIATION GROUND EQUIPMENT

Research, development, manufacturing and
sales of aviation ground support equipment

EP Equipment Co., Ltd. is a global technology company driven by product innovation, and
committed to creating Industry Logistics 4.0.

2025-04

COMPANY PROFILE

EP Equipment Co., Ltd. is a global technology company driven by product innovation, and comitted to creating Industry Logistics 4.0. Specializing in the development, manufacturing, and service of electric warehouse forklifts and intelligent handling robots, EP provides global users with green, intelligent and digital material handling solutions.

In 2012, EP transformed the industry with its "Mini" series of compact electric handling equipment. This innovation won the prestigious German Red Dot Award and iF Design Award, sparked the shift from manual handling to electric handling solutions worldwide. Today, EP operate manufacturing bases spanning over 1,000 acres worldwide including Zhejiang Anji, Jiangsu Jingjiang, Hangzhou Fuyang, Hubei Xiangyang, and Wisconsin, USA.

Product excellence with bold globalization strategy, EP has established itself as a leading international forklift brand. With our vision of "Making material handling simpler and greener" and the mission of "Becoming a globally respected Chinese company", we are driving the green tranformation from IC to electric power while implementing intelligent handling solutions at every level - from individual products to complete systems.

Since 2018, our subsidiary Jiangsu EP Equipment Co., Ltd, has made significant strides in aviation ground support. We've developed a full range of equipment including belt loader, baggage tow tractors, aircraft tow tractors, self-propelled passenger stairs, water trucks, lavatory trucks, garbage trucks and catering trucks. Our solutiions now serve nearly 20 domestic airports and airlines with an expanding international sales in over 10 countries.

EP is actively supporting the "Safe Airports, Green Airports, Smart Airports, and Humanistic Airports" initiative—by accelerating the green transformation and AI-driven innovation of civil aviation ground equipment. We strive to advance China's civil aviation sustainability goals through innovation that matters.

LET'S GROW TOGETHER!



LET'S GROW TOGETHER



CATALOGUE

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Baggage Tow
Tractor
(Internal combustion)

The internal combustion baggage tow tractor ZL-QDC30 offers optional maximum traction forces of 25kN, 30kN, 40kN and 50kN. Its engine and gearbox are selected from internationally renowned brands, ensuring strong power and reliable quality.



Configuration			Option
No.	Item	ZL-QDC30	Item
1	Engine	Cummins/Quanchai	○ Fully enclosed cabin ○ Heating and cooling air conditioning ○ Solid tires
2	Gearbox	Okamura	
3	Parking brake type	Front drum type, rear disc type	

Stable Structural Design

- ◎ Rectangular frame structure enhances body rigidity.
- ◎ Independent front suspension design reduces turning radius.
- ◎ Large - capacity plate - fin radiator.

Precise Control and Intelligent Information

- ◎ Hydraulic power assistance combined with recirculating ball type power steering gear.
- ◎ Equipped with an integrated instrument panel and an alarm buzzer.
- ◎ Adopts anti - jump electronic shift lever.

Reliable Braking and Flexible Towing

- ◎ Front drum and rear disc dual - circuit service braking system.
- ◎ Central drum mechanical parking brake.
- ◎ Two - stage towing pin mechanism.



Specifications				
No.	Item		Unit	ZL-QDC30
1	Max.drawbar pull		kN	25/30/40/50
2	Rated towing weight		kg	39000/50000/60000
3	Maximum speed	Unloaded	km/h	28
		Fully loaded	km/h	18
4	Max. gradeability	Unloaded	%	45
5	Overall dimensions		mm	3160/2930x1440x2050/1500
6	Minimum turning diameter		mm	6500
7	kerb weight (including/excluding cab)		kg	4240/4000

Baggage Tow Tractor (Electric)

The electric baggage tow tractor ZL-QDH30 offers optional maximum traction forces of 25kN, 30kN, 40kN and 50kN. It's equipped with a large-capacity lithium battery and an AC motor, providing strong power and reliable performance.



Configuration			Option
No.	Item	ZL-QDH30	Item
1	Battery	CATL/EP	○ Fully enclosed cabin ○ Heating and cooling air conditioning ○ Solid tires ○ High-voltage charger
2	Motor	Jiangte/santroll/PMP	
3	Axle	Haiyuan//PMP/EP	

Powerful Performance and Long Endurance

- ◎ Maximum traction force reaches 50kN.
- ◎ Equipped with a 28.7kW travel motor for robust power.
- ◎ Large capacity LFP battery, providing a range of 195km.

Sturdy Structure and Comfortable Ride

- ◎ Matched with an original factory motor-driven integral axle for reasonable axle load distribution.
- ◎ Imported independent front suspension ensures smooth and comfortable driving.
- ◎ Maximum no-load speed of 26.5km/h for efficient travel.

Reliable Braking and Safe Steering

- ◎ Adopts dual-circuit braking, dual-diaphragm vacuum assist, and proportional valve braking system.
- ◎ Equipped with a seamless intervention emergency steering system to ensure normal steering in case of faults.

Intelligent Charging and Adaptability

- ◎ GB-standard charging plug with intelligent communication with the BMS system, adapting to various charging scenarios and ensuring charging safety.



Specifications				
No.	Item		Unit	ZL-QDH30
1	Type			80V lithium battery/405V lithium battery/Driverless
2	Max.drawbar pull		kN	25/30/40/50
3	Rated towing weight		kg	30000
4	Maximum speed	Unloaded	km/h	26
5		Fully loaded	km/h	12
	Max. gradeability	Unloaded	%	30
6	Overall dimensions		mm	3160/2930x1440x2090/1500
7	Minimum turning diameter		mm	6500
8	Minimum ground clearance		mm	160
9	kerb weight (unloaded)		kg	4350/4200

Belt Loader
(Internal combustion)

The internal combustion belt loader ZL-CBC80 offers optional belt lengths of 5m, 6m, 7m or 8m, adapting to different operation scenarios with dual advantages of efficient loading and precise operation.



Configuration			Option
No.	Item	ZL-CBC80	Item
1	Engine	Cummins/ Perkins/JMC	○ Cabin ○ Heating and cooling air conditioning ○ Canopy ○ ASD safety approach system
2	Gearbox	Okamura	
3	Chassis	EP	

Exceptional Power

- ◎ Matches mainstream engines with imported transmissions for strong and stable power.
- ◎ Optional emission standards reduce exhaust emissions for enhanced environmental friendliness.

Sophisticated Design

- ◎ Asymmetrical design greatly facilitates maintenance.
- ◎ Professional steering and drive axles ensure strong climbing ability, high load capacity, and adaptability to various terrains.
- ◎ Hydraulic power steering enables lightweight operation and improves control precision.

Safe and Reliable

- ◎ Dual-circuit braking system and multiple emergency operation systems flexibly respond to sudden situations.
- ◎ Intelligent safety approach system and intelligent integrated CAN bus control system with multiple safety interlocks.
- ◎ Framed conveyor rack with adjustable front and rear rollers minimizes belt deviation, ensuring strong load-bearing capacity and stable transmission.



Specifications			
No.	Item	Unit	ZL-CBC80
1	Overall dimensions	mm	8240x2150x2050
2	kerb weight	kg	3270
3	Maximum speed	km/h	30
4	Conveyor belt length	mm	5000/6000/7000/8000
5	Conveyor belt width	mm	600/650/700/750
6	Conveyor speed	m/s	0.16 ~ 0.5
7	Conveyor belt carrying capacity	kg/m	135
8	Conveyor belt front lift range	mm	1220 ~ 4300
9	Conveyor belt rear lift range	mm	450 ~ 1500

Belt Loader
(Electric)

The electric belt loader ZL-CBC80 offers optional belt lengths of 5m, 6m, 7m or 8m, adapting to different operation scenarios with dual advantages of efficient loading and precise operation.



Configuration			Option
No.	Item	ZL-CBD80	Item
1	Battery	CATL	○ Heating and cooling air conditioning ○ Open cabin ○ Fully - enclosed/semi - enclosed canopy ○ ASD safety approach system
2	Motor	Santroll	
3	Axle	Haiyuan	

Long-lasting Endurance

- ◎ Large capacity LFP battery ensures strong endurance.
- ◎ Fast charging, it can be charged to 20% to 100% in less than 1 hour.

Long-lasting Endurance

- ◎ Self-developed chassis with low center of gravity for superior stability.
- ◎ Professional steering and drive axles enable strong climbing capability, high load capacity, and adaptability to various terrains.
- ◎ Hydraulic power steering ensures lightweight operation and improves control precision.

Long-lasting Endurance

- ◎ Dual-circuit braking system and multiple emergency operation systems for flexible response to sudden situations.
- ◎ Intelligent safety approach system and intelligent integrated CAN bus control system with multiple safety interlocks.



Specifications					
No.	Item	Unit	ZL-CBD80		
1	Overall dimensions	mm	8220x2050x1950		
2	kerb weight	kg	3700	4600	3850
3	Maximum speed	km/h	30		
4	Conveyor belt length	mm	5000/6000/7000/8000		
5	Conveyor belt width	mm	600/650/700/750		
6	Conveyor speed	m/s	0.16 ~ 0.5		
7	Conveyor belt carrying capacity	kg/m	135		
8	Conveyor belt front lift range	mm	1150 ~ 4300		
9	Conveyor belt rear lift range	mm	510 ~ 1670		

Belt Loader
(Towable)

The towable belt loader ZL-CBM80 is designed for manual pushing and suitable for small and medium-sized terminals, offering flexible operation, safety, and cost-effective maintenance.



Configuration			Option
No.	Item	ZL-CBM80	Item
1	Chassis	EP	○ Semi - enclosed canopy ○ Approach detection system
2	Diesel motor	Yanmar / Honda	

Performance

- ◎ Towing design: Engine-driven hydraulic gear pump provides power, with manual push rods for direction control.
- ◎ Safety approach system: Ensures safe docking with aircraft doors.
- ◎ Lightweight and agile: Easy to operate, with flexible and stable steering.
- ◎ Towing compatibility: Can be remotely towed by baggage tractors, ideal for small/medium airports and airlines.

Safety and Emergency Features

- ◎ Emergency electric pump or manual pump enables full operation in case of vehicle failure.



Specifications			
No.	Item	Unit	ZL-CBM80
1	Overall dimensions	mm	6900×1500×1650
2	kerb weight	kg	2000
3	Maximum speed	km/h	25
4	Minimum turning radius	m	7
5	Conveyor belt length	mm	5000/6000/7000/8000
6	Conveyor belt width	mm	600/650/700
7	Conveyor speed	m/s	0.16 ~ 0.5
8	Conveyor belt front lift range	mm	3745/900
9	Conveyor belt rear lift range	mm	1585/485
10	Minimum ground clearance	mm	150

Self-propelled Passenger Stairs (Internal combustion)

The internal combustion self-propelled passenger stairs ZL-PSC580 is professionally modified based on a commercial chassis. It features a stable structure and a flexible adjustable lifting range of 4.8m to 5.8m, meeting boarding requirements at different heights and providing an efficient and convenient passenger boarding solution for airports and air stations.



Configuration				Option
No.	Item	ZL-PSC580		Item
1	Chassis	Qingling	EP	○ Fully - enclosed cabin ○ Heating and cooling air conditioning ○ Fully - enclosed canopy ○ ASD safety approach system ○ Widened platform
2	Engine	Isuzu	Cummins	
3	Gearbox	Isuzu	Okamura	

Stable Structure and High Safety

- ◎ The self - made low - center - of - gravity chassis ensures strong stability and wind resistance.
- ◎ The automatic transmission guarantees safe docking with the aircraft.
- ◎ The dual - circuit braking system, multiple emergency operation systems and multiple protection systems provide reliable safety guarantees.

Convenient Operation and Excellent Design

- ◎ The hydraulic power steering makes the operation easy and improves work efficiency.
- ◎ The anti - slip aluminum alloy treads are light in weight, high in strength and have good anti - slip performance.
- ◎ The large - arc windshield provides a clear view during the operation of approaching the aircraft, avoiding collision accidents.
- ◎ The integrally molded instrument panel makes it easy to read data.



Specifications				
No.	Item	Unit	ZL-PSC580	
1	Chassis	mm	Self-made	Commercial
2	Lifting range	mm	2000~4800	2200~5800
3	Overall dimensions	mm	8520x2500x3600	
4	kerb weight	kg	8050	
5	Maximum speed	km/h	80	
6	Platform extension	mm	400	
7	Maximum passenger capacity	person	60	

Self-propelled Passenger Stairs (Electric)

The electric self-propelled passenger stairs ZL-PSC580 is equipped with a large-capacity battery from CATL, ensuring long-lasting battery life. With a flexible adjustable lifting range of 4.8m to 5.8m, it meets boarding requirements at different heights and provides an efficient and convenient passenger boarding solution for airports and air stations.



Configuration				Option
No.	Item	ZL-PSH580		Item
1	Chassis	EP	QL	○ Fully - enclosed cabin ○ Heating and cooling air conditioning ○ Fully - enclosed canopy ○ ASD safety approach system ○ Widened platform
2	Battery	CATL	CATL	
3	Motor	santroll	Shanghai Edrive	
4	Axle	Haiyuan	QL	

Excellent Range and Strong Power

- ◎ CATL large-capacity battery: Ensures long endurance and multiple operation cycles.
- ◎ High-voltage fast-charging system: Completes charging in 45 minutes.
- ◎ High-torque drive motor: Provides surplus torque and power for superior driving performance.

Stable Structure and Reliable Safety

- ◎ Automatic transmission: Protects the machine's safety.
- ◎ Dual-circuit braking system + multiple emergency operations & protection systems: Ensures reliable safety safeguards.

Convenient Operation and Optimal Design

- ◎ Hydraulic power steering: Enables lightweight operation and improves work efficiency.
- ◎ Anti-slip aluminum profile pedals: Feature low weight, high strength, and excellent anti-slip properties.



Specifications				
No.	Item	Unit	ZL-PSH580	
1	Chassis	/	Self-made	Commercial
2	Lifting range	mm	2000~4800	2200~5800
3	Overall dimensions	mm	8520x2500x3600	
4	kerb weight	kg	8050	
5	Maximum speed	km/h	80	
6	Platform extension	mm	400	
7	Maximum passenger capacity	person	60	

Self-propelled Passenger Stairs (Towable)

The towable self-propelled passenger stairs ZL-PSM580 is designed for manual pushing and suitable for small and medium-sized terminals, offering flexible operation, safety, and cost-effective maintenance.



Configuration			Option
No.	Item	ZL-PSM580	Item
1	Chassis	EP	○ Power-assisted walking device ○ Hydraulic support leg ○ Semi - enclosed canopy ○ Solar power supplementary device
2	Diesel motor	Yanmar / Honda	

Performance

- ◎ Towing design: Engine-driven hydraulic gear pump provides power, with manual push rods for direction control.
- ◎ Safety approach system: Ensures safe docking with aircraft doors.
- ◎ Lightweight and agile: Easy to operate, with flexible
- ◎ Towing compatibility: Can be remotely towed by baggage tractors, ideal for small/medium airports and airlines.

Safety and Emergency Features

- ◎ Emergency electric pump or manual pump enables full operation in case of vehicle failure.



Specifications				
No.	Item		Unit	ZL-PSM580
1	Overall dimensions		mm	6815×2020×3350
2	Platform size (length×width)		mm	1660×1740
3	Height of ladder body and platform handrail		mm	1100
4	kerb weight		kg	3000
5	Number of steps		level	17
6	Permitted speed		km/h	5
7	Pedal height		mm	125-200
8	Minimum turning radius		m	7
9	Inner width of ladder body		mm	1300
10	Working platform	Lifting height	mm	2900/3600/4500/5800
		Number of persons carried	person	6

Airplane Tow Tractor
(Internal combustion)

The internal combustion airplane tow tractors cover multiple models such as ZL-QYC150, QYC260, QYC350, and QYC450, with optional maximum traction forces of 120KN, 210KN, 270KN, and 320KN respectively. The tractors enable flexible and efficient apron operation scheduling through scientific grading to adapt to different aircraft types and tonnage requirements.



Configuration						Option
No.	Item	ZL-QYC150	ZL-QYC260	ZL-QYC350	ZL-QYC450	Item
1	Engine	Cummins/Deutz				Fully - enclosed cabin Heating and cooling air conditioning rear - view camera sunshade curtain two - wheel/four - wheel/crab - type steering modes and switching function Michelin tires kenwood walkie - talkie
2	Gearbox	Dena	Dana/ZF	Dana/ZF	ZF	
3	Axle	Dena	Dena	Dana/Kesler	OMCI/Kesler	
4	Emission	National III/National IV/ Euro III				

Powerful Performance

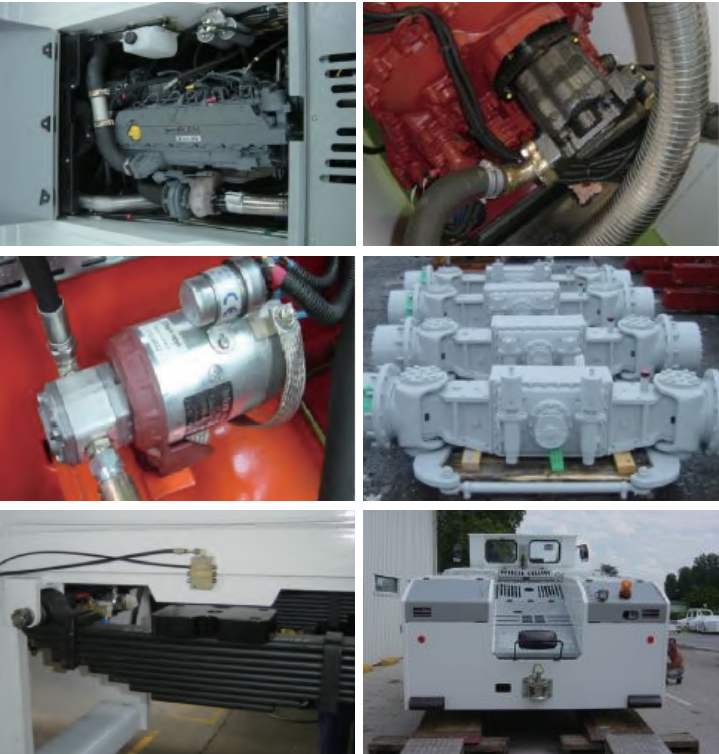
- ◎ Standard Cummins engine paired with imported gearbox ensures strong power and easy maintenance.
- ◎ 4X4 chassis with balanced axle load and imported drive-steering axles deliver stable performance.

Comprehensive Safety Assurance

- ◎ Dual-circuit braking system includes service braking, parking braking, and emergency braking.
- ◎ Multiple emergency systems support emergency steering, braking, and parking release.
- ◎ Diverse alarm functions provide real-time monitoring of engine, gearbox, and other critical states.

Comfortable Operation & Intelligent Management

- ◎ Suspended cab with large curved windshield offers excellent visibility and spacious interior.
- ◎ Features two-wheel, four-wheel, crab steering, and one-key centering for convenient operation.
- ◎ Imported vehicle controller with CAN bus system enables real-time engine status monitoring.



Specifications						
No.	Item	Unit	ZL-QYC150	ZL-QYC260	ZL-QYC350	ZL-QYC450
1	kerb weight	kg	12/15/16T	22/25/27T	30/35T	40/45/50T
2	Maximum traction mass	kg	≤150T	≤320T	≤390T	≤450T
3	Maximum traction force	kN	≤120KN	≤210KN	≤270KN	≤320KN
4	Overall dimensions	mm	6950/7450x2980x2030			
5	Maximum speed	km/h	27			

Airplane Tow Tractor (Electric)

The electric airplane tow tractor ZL-QYH150 adopts a large-capacity lithium battery for long endurance and zero emissions, with a stable 15kN traction force, ideal for safe towing of narrow-body passenger aircraft.



Configuration			Option
No.	Item	ZL-QYH150	Item
1	Battery	CATL	○ Heating and cooling air conditioning ○ Optional high-voltage charging pile ○ Rear-view camera
2	Motor	JJE	
3	Front and rear axles	Dana	
4	Battery system	BMS / Fire suppression system / Liquid cooling system / Liquid heating system	

EP EQUIPMENT

Strong Power & Long Endurance

- ◎ CATL large-capacity lithium battery combined with high-power drive motor ensures robust power and extended range.
- ◎ Renowned original high-voltage electric drive system features excellent compatibility, low failure rate, and supports national standard fast charging for universal usability.

Comprehensive Safety Assurance

- ◎ Dual-circuit braking system ensures driving safety.
- ◎ BMS management, fire suppression, and liquid cooling/heating systems protect the battery.
- ◎ Multiple emergency systems enable easy-to-operate emergency steering, parking release, and other functions.
- ◎ Multi-layer protection including cooling, control, and monitoring systems provides real-time vehicle status monitoring.

Comfortable Operation & Intelligent Management

- ◎ Suspended cab with large curved glass offers broad visibility and spacious interior.
- ◎ Multiple steering modes (including one-key centering) ensure safe and convenient operation.
- ◎ 4X4 chassis drive paired with imported drive-steering axles delivers superior traction performance and high stability.



Specifications			
No.	Item	Unit	ZL-QYH150
1	Overall dimensions	mm	4790/5670x2190x1880
2	kerb weight	kg	16000
3	Maximum traction force	kN	132
4	Maximum traction force	mm	9900/6200
5	Maximum speed	km/h	30
6	Driving range	km	125

Water Truck
(Internal combustion
/Electric)

The water truck series includes the electric ZL-PWH50, featuring zero emissions, low noise, and energy-saving environmental protection, and the internal combustion ZL-PWC50, designed with strong power and high adaptability to complex working conditions, both providing efficient and reliable potable water refueling services for aircraft.



Configuration				Option
No.	Item	ZL-PWC50 (Internal combustion)	ZL-PWH50(Electric)	Item
1	Chassis	JMC/QL/Foton	JMC/QL/Foton	○ Double-layer insulated compartment ○ High-voltage charging pile ○ Rear-view camera

Strong Performance & Efficient Operation

- ◎ High-performance class II electric chassis with large-capacity lithium iron phosphate battery ensures long endurance and comfortable operation.
- ◎ Electric-driven water supply system offers high flow rate, compact structure, energy efficiency, and reliability.
- ◎ Dedicated elevator features a wide lifting range, strong load-bearing capacity, and excellent stability.
- ◎ Extra-large tank volume reduces site transfer frequency and improves operational efficiency.

Safety, Reliability & Intelligent Management

- ◎ Food-grade stainless steel tank ensures high strength; rugged frame with three-coat three-bake painting process resists corrosion.
- ◎ Electrical system with multiple interlocks, key components at IP67 protection level, and integrated mechanical, electrical, emergency protection, and alarm display systems.
- ◎ Intelligent CAN bus control, modular design, fault self-diagnosis, and networked monitoring capabilities.



Specifications				
No.	Item		Unit	ZL-PWC50(internal combustion)/ZL-PWH50(Electric)
1	Fresh water tank capacity		L	3000/4000/5000
2	Lifting/lowering height of rear platform		mm	400-3030
3	Overall dimensions		mm	7240×2100×2280
4	Kerb weight		kg	4050
5	Maximum speed		km/h	80
6	Battery capacity		kwh	106.95
7	Water pump	Water supply pressure	mpa	0.35
		Flow rate	L/min	220

Lavatory Truck
(Internal combustion
/Electric)

The lavatory truck series includes the electric ZL-LSH50, boasting zero emissions, silent operation, convenient maintenance, and low energy consumption, as well as the internal combustion ZL-LSC50, designed with strong suction capability, rapid response efficiency, and reliability in complex working conditions, both providing efficient and eco-friendly sewage recovery services for aircraft.



Configuration				Option
No.	Item	ZL-LSC50 (Internal combustion)	ZL-LSH50(Electric)	Item
1	Chassis	JMC/QL/Foton		☐ Double-layer insulated compartment ☐ Vacuum sewage system ☐ High-voltage charging pile ☐ Rear-view camera

EP EQUIPMENT

Strong Performance & High-Efficiency
Operation

- ◎ High-performance class II electric chassis combined with large-capacity lithium iron phosphate battery ensures excellent endurance.
- ◎ Electric-driven vacuum pump sewage system features high suction flow, energy efficiency, and compact structure.
- ◎ Electric-driven water supply system offers large water flow, energy savings, reliability, and compact design.
- ◎ Extra-large tank volume reduces site transfer frequency and enhances operational efficiency.

Safety, Reliability & Intelligent Management

- ◎ Food-grade stainless steel tank with high strength and excellent overall welding craftsmanship.
- ◎ Rugged frame with three-coat three-bake painting process for durability and corrosion resistance.
- ◎ Intelligent integrated CAN bus control system with modular design and fault self-diagnosis technology.
- ◎ Electrical system with multiple interlocks and key components at IP67 protection level.



Specifications				
No.	Item		Unit	ZL-LSC50(Internal combustion) /ZL-LSH50(Electric)
1	Sewage water tank capacity		L	2000/2650/3300
2	Fresh water tank capacity		L	1000/1350/1700
3	Lifting/lowering height of rear platform		mm	400-3030
4	Overall dimensions		mm	7240×2100×2280
5	Kerb weight		kg	4500
6	Maximum speed		km/h	80
7	Battery capacity		kwh	106.95
8	Water pump	Water supply pressure	mpa	0.35
		Flow rate	L/min	220
9	Vacuum pump	Sewage suction flow rate	L/min	321
		Sewage suction flow rate	bar	0.2

Garbage Truck
(Internal combustion
/Electric)

The garbage truck series includes the electric ZL-RCH18, featuring zero emissions, low noise, and energy efficiency, and the internal combustion ZL-RCC18, designed with strong power and adaptability to complex conditions, efficiently meeting diverse airport waste handling needs.



Configuration				Option
No.	Item	ZL-RCC18 (Internal combustion)	ZL-RCH18(Electric)	Item
1	Chassis	JMC/QL/Foton		○ High-voltage charging pile ○ Rear-view camera
2	Box volume	12/15/18m³		

Efficient Operation

- ◎ 19m³ extra-large capacity compartment reduces transfer frequency, equipped with a drain tank connected to a sewage discharge system.
- ◎ CATL lithium iron phosphate battery supports fast charging and long endurance, integrated with BMS (Battery Management System) and heating system.

Sturdiness and Durability

- ◎ Cage-type skeleton compartment with seamless welding of high-grade stainless steel inner walls.
- ◎ Three-coat three-bake painting process complies with ICAO airport service standards.

Intelligent and Reliable

- ◎ LCD or VFD display control panel ensures simple operation with clear status and fault indication.
- ◎ Intelligent aircraft-docking system prevents accidental contact with aircraft, with comprehensive protection and alarm display systems.
- ◎ Dedicated hydraulic pump station ensures stable system performance and low maintenance costs; cylinders equipped with bidirectional hydraulic locks for safety and reliability.



Specifications			
No.	Item	Unit	ZL-RCC18(Internal combustion) /ZL-RCH18 (Electric)
1	Maximum speed	km/h	80
2	Driving range	km	305
3	Overall dimensions	mm	7750×2400×3575
4	Garbage bin capacity	m ³	12/15/18
5	Permitted garbage loading mass	kg	1850
6	Workbench lifting/lowering height	mm	2380 ~ 5820
7	Front platform telescoping range	mm	0 ~ 800
8	Kerb weight	kg	6650

Catering Truck
(Internal combustion
/Electric)

The catering truck series includes the electric ZL-CTH60, characterized by zero emissions, low noise, and energy efficiency, and the internal combustion ZL-CTC60, designed with strong power and adaptability to complex conditions, ensuring reliable airline meal supply.



Configuration				Option
No.	Item	ZL-CTC60 (Internal combustion)	ZL-CTH60(Electric)	Item
1	Chassis	QL	QL/Foton	○ ASD safety approach system ○ High-voltage charging pile ○ Video monitoring and rear-view camera ○ Front platform canopy
2	Engine/Battery	Isuzu	CATL	
3	Emission	National V/ National VI	/	
4	Gearbox	Isuzu	/	
5	Refrigeration unit	Carrier/Thermo King	Carrier/Thermo King	

EP EQUIPMENT

Efficient Operation System

- ◎ Scissor-lift structure with humpback single-section cylinder lifting enables high load capacity.
- ◎ Left and right sliding insulated compartment doors ensure safety and reliability.
- ◎ Original chassis engine offers high power, large torque, low fuel consumption, excellent driving performance/stability, and worry-free maintenance.

Reliable Safety Assurance

- ◎ Dual-circuit braking system ensures driving safety.
- ◎ Imported hydraulic and electrical components feature high waterproof/dustproof ratings and durability.
- ◎ Multiple vehicle protection systems include hydraulic system cooling, electrical centralized control, intelligent vehicle monitoring, and safe aircraft docking.



Specifications			
No.	Item	Unit	ZL-CTC60(Internal combustion)/ZL-CTH60(Electric)
1	Overall dimensions	mm	10350x2500x3750
2	Kerb weight	kg	13900
3	Maximum speed	km/h	60
4	Rated load of the box	kg	6000
5	Lifting range of the platform	mm	2550 ~ 6200

EP Aviation Ground Equipment

EP Aviation Ground Equipment is actively supporting the “Safe Airports, Green Airports, Smart Airports, and Humanistic Airports” initiative—by accelerating the green transformation and AI-driven innovation of civil aviation ground equipment. We strive to advance China’s civil aviation sustainability goals through innovation that matters.

With eight major product series, including baggage tow tractors, belt loaders, self-propelled passenger boarding stairs, aircraft tow tractors, aircraft water trucks, aircraft lavatory trucks, aircraft garbage trucks, and aircraft catering trucks, we serve nearly 20 domestic and over 10 international airports and airlines worldwide.



Baggage Tow Tractor



Water Truck/Water Truck



Airplane Tow Tractor



Garbage Truck



Self-propelled Passenger Stairs



Self-propelled Passenger Stairs



Belt Loader



Self-propelled Passenger Stairs



Belt Loader



Catering Truck