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Development Concept

“Working hard to get to the right path”, EP attaches great importance to social responsibility, sticks to the moral code, and is committed to making contributions to reducing resource consumption and air pollution during material handling through hard work.

“Keep up with improvement and development”, EP thinks highly of product innovation, persist on independent development, and is devoted itself to meeting the needs of users and providing the market with a full range of material handling equipment.

“Seek win-win cooperation through excellent service”, EP values customer-centered service, adheres to the supremacy of user interests, and bend its efforts for reducing worries for global users by strengthening local services through the internet.

The rapid development of EP Equipment is inseparable from the strong support of global users, employees, dealers and suppliers. The goal of EP is to be improved and grow together.

LET'S GROW TOGETHER!



Contents

01 Sweeping machine series

SCRUBBER SERIES

ZL-XD10	Hand-push rotary floor scrubber	2
ZL-X530	Hand-push rotary floor scrubber	3
ZL-X550	Hand-push rotary floor scrubber	4
ZL-X550A	Hand-push rotary floor scrubber	5
ZL-X600J	Ride-on rotary floor scrubber	6
ZL-X700J	Ride-on rotary floor scrubber	7
ZL-X800J	Ride-on rotary floor scrubber	8
ZL-X1040J	Ride-on rotary floor scrubber	9

02 Rotary floor scrubber series

SWEEPER SERIES

ZL-S22A	Hand-push electric sweeping machine	11
AL-S40A	Hand-push unpowered sweeping machine	12
ZL-J1250	Driving sweeping machine	13

ZL-J1300	Ride-on sweeping machine	14
ZL-J1400	Ride-on sweeping machine	15
ZL-J1950	Ride-on sweeping machine	16
ZL-J1900B	Semi-closed ride-on sweeping machine	17
ZL-J2000Q	Enclosed ride-on sweeping machine	18
ZL-J2200Q	Multifunctional intelligent electric sweeper	19
ZL-J2200F	Multifunctional intelligent electric sweeper	20

03 Dust cart series

DUST CART SERIES

ZL-C2	Dust cart	22
ZL-C3	Dust cart	23
ZL-C4	Dust cart	24
ZL-C5	Dust cart	25

04 Accessory series

ACCESSORY SERIES

Accessory	27
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01

**SCRUBBER
SERIES**

ROTARY FLOOR SCRUBBER SERIES 01



ZL-XD10

HAND-PUSH

Product feature

- All use of brushless motor, long life, low noise.
- The battery is removable for charging.
- Adjustable suction steak, more adapt to the actual work scene.
- Magnetic card buckle, brush disk disassembly is convenient.
- Greater capacity clean water tank of the same level.
- ECO mode, for longer battery life.
- Ergonomic handle for comfortable grip and flexible operation.
- Front lighting, to meet the needs of more scenes.
- No tool disassembly water suction steak, rubber strip convenient replacement.

Technical parameter

content	parameter	Unit
Clean ability	1200	m ² /h
Clean the width	430	mm
Absorb width	450	mm
Clean water box capacity	5	L
Sewage tank capacity	4.5/8	L
Vacuum motor	120	W
Brush plate motor	160	W
The number of brush plate	2	pcs
Brush disc speed	300	rpm
Brush disk pressure	7	KG
battery capacity	15	AH
duration of flight	60-75	min
charging interval	2.5	H
product size	450×355×1190	mm
Naked weight	18	Kg
lithium cell	15.5A 25.6V	—
Lithium battery charger	5A 29.2V	—
package size	1200L*530W*410H	mm
tare	22.5	KG
Brush plate color	random	—

Subject to change without notice, subject to the actual parameters.



Intelligent operation and assembly

The rotary floor scrubbers can wash, wipe and dry the floor once and for all, to make the floor clean as new. Dirty water, soil, sand and oil are all sucked into the sewage tank. All different material floor, such as epoxy resin floor, concrete and tile floor can be cleaned.



ZL-X530

HAND-PUSH

Product feature

- The water tank is of appropriate size and it's not hard to push so the work efficiency can be improved.
- Thickened cast aluminum brush plate uses floating design and it can be automatically balanced.
- Floating water valve to prevent overflow.
- The machine has an adjustable handle and can be operated comfortably, it is ergonomically designed and there is no waist injury in cleaning work.
- It uses integral arched water absorption that is of high pressure, so it is wear-resisting.
- Intensive panel design and battery level display makes a clear operation interface.
- Thickened anti-skid wheel makes the machine light, smooth and durable.

Technical parameter

Model	X530	
Content	Parameters	Unit
Working capacity	2000	M ² /H
Clean/dirty water tank capacity	50/50	L
Squeegee width	800	MM
Cleaning width	530	MM
Working speed	3.8	KM/H
Continuous working time	4	H
working voltage	24	V
Brush motor power	450	W
Vacuum motor power	450	W
Brush diameter	530	MM
Brush rotating speed	175	RPM
Noise level	70	DBA
Package size	1100×750×950	MM

Subject to change without notice, subject to the actual parameters.

ROTARY FLOOR SCRUBBER SERIES 01



ZL-X550 HAND-PUSH

Product feature

- Design of the truck is light and convenient for cleaning narrow areas, such as shopping malls, supermarkets, factories, underground garages and other ground cleaning, saving time and labor.
- There is an alarm about the clear water level and the operation is flexible.
- The squeegee is of V-shape and easy to disassemble.
- The panel is simple and easy to understand, easy to operate, and the key switch is easy to manage.
- The brush can be assembled automatically, which makes operation easier.

Technical parameter

content	parameter	Unit
Cleaning width	550	MM
Squeegee width	800	MM
Brush diameter	550	MM
Brush motor	24/450	V/W
Continuous working time	4-5	H
Working capacity	2000	M ² /H
Brush rotating speed	180	RPM
Brush pressure	35	KG
Vacuum motor	24/450	V/W
Suction vacuum	190	MBAR
Walking speed	0-6	KM/H
Clean water tank capacity	55	L
Dirty water tank capacity	60	L
Climbing capacity	8	%
Battery quantity	100/24	(AH/V)
Battery weight	70	KG
Net weight(included battery)	140	KG
Package size	1190×640×1010	MM

Subject to change without notice, subject to the actual parameters.

ZL-X550A

HAND-PUSH



Product feature

- The panel is designed with push-buttons and the on-board battery is not exposed.
- Automatic display of battery level and the operation time can be also displayed on the panel.
- A controller is used to delay the start protection system for the brush and the squeegee, which can protect the motor effectively and extend the service life.
- The brush cover and the squeegee are molded by alloy mould to ensure the stability of the whole machine.
- It uses visible water level display and it is easy to observe the water volume in the clean water tank.
- The dirty water tank is equipped with a transparent cover and it is easy to observe the water volume in it.
- Once the brush stops moving, the water will no longer flow and it's controlled by a solenoid valve.
- Avoid the need to manually close the water valve.
- The hand plate is ergonomically designed and the operation is comfortable. The appearance is streamlined designed, which makes it fashionable and beautiful.

Technical parameter

Content	Parameter	Unit
Squeegee width	800	MM
Cleaning width	550	MM
Working capacity	2200	M ² /H
Clean water tank capacity	55	L
Dirty water tank capacity	65	L
Brush rotating speed	200	RPM
Brush pressure	25	KG
Brush motor power	550	W
Vacuum motor power	550	W
Walking method	Brush drive	—
Battery configuration	2x12X100Ah	V
Package size	1420x725x1180	MM
weight	175	KG
Continuous working time	4-5	H

Subject to change without notice, subject to the actual parameters.

ROTARY FLOOR SCRUBBER SERIES 01



ZL-X600J

RIDE-ON

Product feature

- It is of compact size and convenient to operate. The main console adopts the control switches of brush and needle on both sides to avoid inconvenient operation due to the small space.
- High quality brake system, excellent quality, high durability.
- A controller is used to delay the start protection system for the brush and the squeegee, which can protect the motor effectively and extend the service life.
- The brush works following the motor.
- After lifting the squeegee, the vacuum motor is delayed to shut down to prevent the leakage of sewage inside the pipe.
- The brush cover and the squeegee are molded by alloy mould to ensure the stability of the whole machine.
- This machine adopts advanced gravity induction system and automatic deceleration function to avoid damage caused by improper operation.
- The flash of the reversing warning light can increase driving safety.
- Intensive panel design and battery level display makes a clear operation interface.
- The brush can be assembled automatically, which is convenient and labor-saving. It has an embedded transparent water level display tube and a storage tank that is designed ergonomically.

Technical parameter

content	parameter	unit
Cleaning width	600	MM
Squeegee width	850	MM
Working capacity	3300	M ² /H
Clean water tank capacity	70	L
Dirty water tank capacity	70	L
Brush motor power	400	W
Vacuum motor power	500	W
Drive motor power	300	W
Brush rotating speed	200	RPM
Battery	24/100	V/Ah
Package size	1310×591×1080	MM
weight	215	KG
Continuous working time	2-3	H

Subject to change without notice, subject to the actual parameters.

ZL-X700J

RIDE-ON



Product feature

- It is of compact size and convenient to operate. The main console adopts the control switches of brush and needle on both sides to avoid inconvenient operation due to the small space.
- High quality brake system, excellent quality, high durability.
- A controller is used to delay the start protection system for the brush and the squeegee, which can protect the motor effectively and extend the service life.
- The brush works following the motor. After lifting the squeegee, the vacuum motor is delayed to shut down to prevent the leakage of sewage inside the pipe.
- The brush cover and the squeegee are molded by alloy mould to ensure the stability of the whole machine.
- This machine adopts advanced gravity induction system and automatic deceleration function to avoid damage caused by improper operation.
- The flash of the reversing warning light can increase driving safety. And the front LED light guarantee its use at night.
- Intensive panel design and battery level display makes a clear operation interface.
- The brush can be assembled automatically, which is convenient and labor-saving. It has an embedded transparent water level display tube.

Technical parameter

content	parameter	unit
Cleaning width	700	MM
Squeegee width	850	MM
Working capacity	4300	M ² /H
Clean water tank capacity	90	L
Dirty water tank capacity	100	L
Brush motor power	2×300	W
Vacuum motor power	500	W
Drive motor power	400	W
Brush rotating speed	200	RPM
Battery	24/150	V/Ah
Package size	L1369×W1000×H1209	MM
weight	310	KG
Continuous working time	3-4	H

Subject to change without notice, subject to the actual parameters.

ROTARY FLOOR SCRUBBER SERIES 01



ZL-X800J

RIDE-ON

Product feature

- It has a core CPU of high performance to automatically control the system.
- The wheel wear resistance and anti-skid performance are greatly improved compared with ordinary wheels.
- The brake system has high performance and good durability.
- Intensive panel design and battery level display makes a clear operation interface.
- Its front wheels are drive wheels, it has small turning radius and wide view.
- Double motor and double brush design, wide squeegee and large capacity water tank make high working efficiency.
- The brush works following the motor to effectively protect the ground with an anti drawing circle function.
- The wheels has high performance, good wear resistance and great anti-skid performance which are greatly improved compared with ordinary wheels.
- This machine adopts advanced gravity induction system and automatic deceleration function to avoid damage caused by improper operation.
- A controller is used to delay the start protection system for the blush and the squeegee, which can protect the motor effectively and extend the service life.

Technical parameter

content	parameter	unit
Squeegee width	1050	MM
Cleaning width	800	MM
Working capacity	5600	M ² /H
Clean water tank capacity	115	L
Dirty water tank capacity	125	L
Brush rotating speed	200	RPM
Brush motor power	325×2	W
Vacuum motor power	500	W
Drive motor power	650	W
Battery configuration	24/200	V/Ah
Package size	1585×1175×1452	MM
weight	465	KG
Continuous working time	4-4.5	H

Subject to change without notice, subject to the actual parameters.

Integrated large function operation

Super large floor scrubber and absorbing machine with large load capacity, sufficient power, longer service time and better working efficiency. The brush and the squeegee can be started by just pressing one button. And it has a HD LCD with multiple functions. It has a high power rear axle motor drive, which can save more labor. Dual water absorption motor provide stronger washing power. Being equipped with automobile disc brake, it is easy to go uphill and downhill. It is a good helper for cleaning large shopping malls, properties and underground garages.



ZL-X1040J

RIDE-ON

Product feature

- It uses maintenance-free battery that has longer life and provides reliable drive with brands of CHILWEE and Tianneng.
- The HD LED offers direct display.
- The intelligent charger provides automatic protection after full charge.
- It uses advanced technology in the industry and adopts an exclusive electronic lock device to realize safekeeping.
- It uses three-layer blade motor of AMETEK to provide dual wind-absorption, which has super absorption capacity, stable performance and make low noise.
- The flip type water absorption motor with industry exclusive technology not only reduces the impact of noise, but also facilitates machine cleaning and maintenance.
- It uses arched squeegee that is made of aluminum alloy by die casting, so it offers deep cleaning.
- The water level sensor is installed inside the sewage tank to make the machine automatically power off when the water inside the tank is full, and to effectively protect the motor and extend the service life.
- The reversible absorbent tape can be conveniently replaced without any tools, which effectively reduces the cost.
- Water level of the clean water tank is visible and easy to operate.
- The sewage tank can be turned 90 degrees, the water tank can be opened for battery maintenance without any tools.
- It can be operated conveniently by only pressing one button to switch on.

Technical parameter

content	parameter	unit
Cleaning width	1040	MM
Voltage/drive	36	V/DC
Brush motor power	550*2	W
Vacuum motor power	550*2	W
Clean water tank capacity	280	L
Dirty water tank capacity	300	L
Working speed	0-15	km/h
Squeegee width	1200	MM
Climbing capacity	0.3	
Working capacity	9000	m ² /h
Continuous working time	4-6	H
Turning radius	standing half turn	
weight	550	KG
Package size(L*W*H)	2000*1200*1500	MM
Battery configuration	36/200	V/AH

Subject to change without notice, subject to the actual parameters.



02

**SWEEPER
SERIES**



ZL-S22A

HAND-PUSH ELECTRIC

Product feature

- It integrates sweeping and vacuuming, with complete functions and one button operation.
- Both the main brush and the side brush can be adjusted without tools, which is easy to use.
- It uses high power motor to effectively control the lift.
- New materials are used for the outer ring of tire, which increases the service life.
- The push rod is foldable and convenient for storage.
- It adopts dust control technology and has better cleaning effect.

Technical parameter

content	parameter	unit
Cleaning width	>1000	MM
Working capacity	>4000	M ² /H
Main brush length	400	MM
power supply	12(>100AH)	V
Continuous working time	>4H	H
Dustbin capacity	>22	L
Side brush diameter	350	MM
Operating power	120+30+35*2	W
(main brush + fan + side brush)		
Filter area	1.5	M ²
Net weight	65	KG
water tank	12	L

Subject to change without notice, subject to the actual parameters.

SWEEPING MACHINE SWEEPER SERIES 02



Without any mechanical and electrical power, driven by the rear wheel, the direction control is flexible. High quality adjustable roller brush is suitable for cleaning all kinds of ground. The solid engineering plastic frame makes the machine easy to adjust the main brush and side brush, which can well realize the cleaning and collection of garbage. The adjustable design of handrail can not only meet different heights of people, but also can be folded and stored upright, saving space and convenient for storage.

ZL-S40A

HAND-PUSH UNPOWERED

Product feature

■ Main brush drive

The main brush is driven by two wheels at the same time, which can achieve good cleaning effect even in the narrow corners.

■ Adjustable push handle

The adjustable design of the foldable push hand saves storage space.

■ Large capacity sewage tank

The handle of the container is ergonomically designed, convenient for loading, unloading and emptying.

■ Adjustable brush

The main brush and side brush are adjustable and they can adapt to different types of garbage cleaning. At the same time, after the brush is worn, it can still be cleaned normally through gear adjustment, greatly extending the service life of the brush.

Technical parameter

content	parameter	unit
Maximum cleaning area	3680	M ² /H
Cleaning width	920	MM
Side brush diameter	210	MM
Dustbin capacity	40	L
weight	23.5	KG
Package size	1250x920x1050	MM
Weight(included package)	25	KG

Subject to change without notice, subject to the actual parameters.

Applicable cleaning places:

A. Indoor (industrial)

machining workshop, chemical plastics workshop, warehouse, etc

B. Outdoor places (residential area)

Street, park, etc

SWEEEPING MACHINE SWEEPER SERIES 02

electric sweeper, light and convenient, cleaning and sprinkling integrated mode. Simple and intuitive operation, can turn in situ, small mini flexibility, can be up and down the elevator, suitable for small space operation.



ZL-J1250

Driving sweeper

Product feature

- Efficient brush plate is strong and durable, sweeping through all kinds of dust.
- Cylinder filter element, filter without dead Angle, efficient filter dust.
- The 30L water tank has a separate water valve control, which can be sprinkled with water for dust and spray disinfection.
- Agile action, turn quickly, can turn in place, all kinds of environment can be easily competent.

Technical parameter

content	parameter	unit
Cleaning width	1250	mm
Working capacity	8750	m ² /h
Climbing capacity	15	%
Main brush length	495	mm
battery configuration	48/53	V/AH
continuous working time	3	H
charging interval	6-8	H
Dustbin capacity	80	L
water tank capacity	30	L
Main brush diameter	300	mm
Brush the diameter	500	mm
Drive power (motor)	800	w
Operating power (motor)	700+350+20*2 (Main brush+fan+Brush)	—
Turning radius	pivot turn	—
Machine size	1400*1250*1350	mm
MWR	6	Km/h
Maximum driving speed	12	KM/H
filter area	3	m ²
net weight	380	kg

Subject to change without notice, subject to the actual parameters.

SWEEPING MACHINE SWEEPER SERIES 02



Without any mechanical and electrical power, driven by the rear wheel, the direction control is flexible. High quality adjustable roller brush is suitable for cleaning all kinds of ground. The solid engineering plastic frame makes the machine easy to adjust the main brush and side brush, which can well realize the cleaning and collection of garbage. The adjustable design of handrail can not only meet different heights of people, but also can be folded and stored upright, saving space and convenient for storage.

ZL-J1300 RIDE-ON

Product feature

- It adopts high quality and high performance maintenance free battery, so it is environmental friendly and has a long service life.
- It adopts dust control technology and has better cleaning effect.
- Parts of high quality reduce maintenance and repair costs.
- The solid tires needs no inflation and they're economical and durable.
- The machine uses electric control system with under voltage protection and a weighted chassis, which offers stable operation performance.
- With advanced cleaning and throwing technology, the utilization rate of the dust box is more than 95%.
- The built-in powerful dust control system has strong dust absorption, and the cleaning width is up to 1300mm.

Technical parameter

content	parameter	unit
walking speed	0-10	KM/H
working speed	0-8	KM/H
Climbing capacity	≥25	%
Filter area	4.0	M ²
Dustbin capacity	120	L
Cleaning width	1300	MM
Side brush diameter	500	MM
Main brush length	690*25	MM
power supply	48V	V
Working capacity	8000	M ² /H
continuous working time	2~3	H
drive motor	800	W
Net weight	420	KG
Package size	1500×1360×1300	MM
tire	Solid rubber tire	
water tank capacity	Machine size	30 L
minimum turning radius	0 (standing half turn)	MM
Main brush + side brush + fan + dust shaking	450+80*2+350+50	W
battery	12V*4*52AH	
charging time	5~6hours	

Subject to change without notice, subject to the actual parameters.



ZL-J1400

RIDE-ON

Product feature

- Chassis thickened sheet metal, strong and durable.
- Machine electrophoresis, spray plastic automobile grade rust prevention process.
- Replace the main brush and the side brush without using any tools.
- Gun-type charging port, safe and reliable, strong and durable.
- Advanced dust control technology, dust control effect in the industry leading.
- Front atomization spray nozzle, each water nozzle can independently control the switch.
- High power dust cleaner fan, power of 600, speed up to 3000 RPM.
- Industrial grade electronic control, with overload protection without replacement of the plug type fuse, safer to use.
- Overall roll plastic shell, rolling plastic protective board, rolling plastic rear wheel cover, durable surface touch scratch will not rust.

Technical parameter

content	parameter	unit
Cleaning width	1500	MM
Working capacity	10500	M ² /H
Climbing capacity	25	%
Side brush diameter	600 mm	MM
Main brush length	690mm	MM
turning radius	1500mm	MM
Dustbin capacity	150	L
water tank capacity	60	L
drive motor power	1200	W
Operating power (main brush + fan + dust shaking)	1200+600+50	W
maximum working speed	6	KM/H
continuous working time	3-4	H
Filter area	5	M ²
battery configuration	48V100Ah	V
weight	550	KG
Package size(L/W/H)	1800×1500x1850	MM

Subject to change without notice, subject to the actual parameters.

SWEEPING MACHINE SWEEPER SERIES 02



ZL-J1950

RIDE-ON

Product feature

- The machine uses advanced filtration system with 6 square meters filtration area, and the filtration system is designed with timing shaking, so the filtration effect is better.
- The dustbin volume is 250L, larger than similar sweeping machines.
- The main brush can work independently and the rotation speed of the side brush can be adjusted, which is applicable to the cleaning requirements under different conditions.
- The built-in powerful dust control system can effectively reduce the fugitive dust.
- The control buttons are equipped with background lights, which can be easily operated in low light environment.
- It uses special shock absorption seat with high driving comfort to reduce tiredness of the operator.
- The front wheel adopts a damping device to improve operation comfort.
- The machine is designed of unique structure, effectively reducing working noise.
- PND manual control lever makes it easy to move forward and backward.
- The LED headlamp has high brightness, strong illumination and low energy consumption.

- It uses special large size tire has good wear-resistance, high durability and low noise.

The organism and core components are from well-known manufacturers, providing a good foundation for the quality of the product that has high performance, large capacity, maintenance free battery and long operation time.

Technical parameter

content	parameter	unit
Cleaning width	1950	MM
Working capacity	12000	M ² /H
Climbing capacity	25	%
Side brush diameter	500	MM
Main brush length	800	MM
turning radius	1100	MM
Dustbin capacity	250	L
drive motor power	2000	W
maximum working speed	7	KM/H
continuous working time	4.5—7	H
Filter area	6	M ²
battery configuration	6*8/150	V/AH
weight	710	KG
water tank capacity	40	L
Working capacity	650+500+80*4+60	W
Package size (L/W/H)	2250*1850*1940	MM

Subject to change without notice, subject to the actual parameters.



It adopts dust control technology

Automatic semi-closed cab clean new energy machine with three-in-one combination of sweeping, water spraying and vacuuming

ZL-J1900B

SEMI-CLOSED RIDE-ON



Product feature

- It adopts high quality and high performance maintenance free battery, so it is environmental friendly and has a long service life.
- It adopts dust control technology and has better cleaning effect.
- Parts of high quality reduce maintenance and repair costs.
- Parts of high quality reduce maintenance and repair costs.
- The machine uses electric control system with under voltage protection and a weighted chassis, which offers stable operation performance.
- With advanced cleaning and throwing technology, the utilization rate of the dust box is more than 90%.
- The built-in powerful dust control system has strong dust absorption, and the cleaning width is up to 1900mm.
- The concept of user friendly design provides customers with safe and comfortable operation environment.
- The control system adopts special controller for electric vehicles, which is powerful and durable, with strong climbing capacity which is less than 25%.

Technical parameter

content	parameter	unit
walking speed	0-12	KM/H
working speed	0-9	KM/H
Climbing capacity	≤25	%
Filter area	5.2	M ²
Dustbin capacity	150	L
Cleaning width	1900	MM
Side brush diameter	510	MM
Main brush length	700	MM
power supply	48V maintenance free battery pack	V
Working capacity	14000	M ² /H
continuous working time	4~6	H
Main brush motor power	650	W
drive/motor power	1000	W
net weight	650	KG
Package size	2200×2000×2000	MM
Main switch	Special gear shift of electric vehicle	—
tire	Solid rubber tire	—
water tank capacity	40	L
minimum turning radius	0(standing half turn)	MM
Working capacity(motor)	650+450+80×4+50	W
battery	12V100AH×4	AH

Subject to change without notice, subject to the actual parameters.

SWEEPING MACHINE SWEEPER SERIES 02



ZL-J2000Q

ENCLOSED RIDE-ON

Product feature

- It adopts 48V battery pack as drive power, which is energy saving and environmental friendly. And it can be used continuously for a long time.
- It adopts fully enclosed driving cab to avoid the impact of bad weather, noise and other conditions on cleaning work.
- The concept of user friendly design provides customers with safe and comfortable operation environment.
- It uses an advanced double-layer high-power filtering system with a two times larger filtering area than that of ordinary products. It has more dust storage and better dust absorption.
- The drive system is installed on the top to increase the volume of the dustbin.
- The driving cab has two doors on each side that can be independently opened and the door of the back vision can be opened on the left and right.
- The control system adopts special controller for electric vehicles, which is powerful and durable, with strong climbing capacity which is less than 25%.

Technical parameter

content	parameter	unit
walking speed	0-12	KM/H
working speed	0-9	KM/H
Climbing capacity	≤25	%
Filter area	11	M ²
Dustbin capacity	220	L
Cleaning width	2000	MM
Side brush diameter	510	MM
Main brush length	800	MM
power supply	48Vmaintenance free battery	V
Working capacity	16000	M ² /H
continuous working time	5~8	H
Main brush motor power	800	W
drive/motor power	1500	W
net weight	860	KG
Package size	2300×2000×2100	MM
Main switch	Special gear shift of electric vehicle	—
tire	Solid rubber tire	—
water tank capacity	80	L
minimum turning radius	0(standing half turn)	MM
Working capacity(motor)	800+450×2+80×4+50×2	W
battery	8/150×6	V/AH

Subject to change without notice, subject to the actual parameters.



ZL-J2200Q

MULTIFUNCTIONAL INTELLIGENT ELECTRIC

Product feature

- Garbage can be thrown into the dustbin directly, which is convenient and labor-saving.
- The cleaning width is 2.2M, which is suitable to clean the large area, so it has high working efficiency.
- It adopts dust control technology to avoid the fugitive dust.
- The high power dust absorption system is laid horizontally on the top and the machine also has a larger dust filter.
- The filter can be thoroughly cleaned by the automatic dust shaker.
- The ergonomically designed control panel is easy to control and the machine functions are very clear.
- It is equipped with a reversing image system to monitor the reversing process at real time and accurately have a command of the road conditions behind.
- The air-conditional is optional.
- The front brush can move left and right, suitable for sweeping all kinds of road conditions.
- The unique designed hanging vacuum device is adopted to improve the cleaning effect.
- The personalized cab is made of panoramic glass, and there is a sliding ventilation window on the back door.

Technical parameter

content	parameter	unit
walking speed	0-30	KM/H
working speed	0-12	KM/H
Climbing capacity	≤30	%
Filter area	8	M ²
Dustbin capacity	240	L
Cleaning width	2200	MM
Side brush diameter	510×4	MM
Main brush length	800×4	MM
power supply	48Vdual power maintenance free battery pack	V
Working capacity	23000	M ² /H
continuous working time	5~7	H
Main brush motor power	800+650	W
drive/motor power	2500	W
net weight	850	KG
Package size	3000×2200×2200	MM
Main switch	switch	—
tire	Solid rubber tire+ pneumatic tire	—
water tank capacity	180	L
minimum turning radius	0	MM
Working capacity(motor)	800+650+780+120×4+100	W
Hydraulic system	1800	W
battery	200/6×8	V/AH

Subject to change without notice, subject to the actual parameters.



ZL-J2200F

MULTIFUNCTIONAL INTELLIGENT ELECTRIC

Product feature

- Garbage can be thrown into the dustbin directly, which is convenient and labor-saving.
- The cleaning width is 2.2M, which is suitable to clean the large area, so it has high working efficiency.
- It adopts dust control technology to avoid the fugitive dust.
- The high power dust absorption system is laid horizontally on the top and the machine also has a larger dust filter.
- The filter can be thoroughly cleaned by the automatic dust shaker.
- The ergonomically designed control panel is easy to control and the machine functions are very clear.
- It is equipped with a reversing image system to monitor the reversing process at real time and accurately have a command of the road conditions behind.
- The air-conditional is optional.
- The front brush can move left and right, suitable for sweeping all kinds of road conditions.
- The unique designed hanging vacuum device is adopted to improve the cleaning effect.
- The personalized cab is made of panoramic glass, and there is a sliding ventilation window on the back door.

Technical parameter

content	parameter	unit
walking speed	0-30	KM/H
working speed	0-12	KM/H
Climbing capacity	≤30	%
Filter area	8	M ²
Dustbin capacity	240	L
Cleaning width	≤2300	MM
Side brush diameter	510×4	MM
Main brush length	800×4	MM
power supply	48Vdual	V
Working capacity	23000	M ² /H
continuous working time	6~8	H
Main brush motor power	800X2	W
drive/motor power	2500	W
net weight	900	KG
Package size	3200×1800×2300	MM
tire	Solid rubber tire+ pneumatic tire	—
water tank capacity	180	L
minimum turning radius	0	MM
Working capacity(motor)	800×2+500+100X4+85	W
Hydraulic system	1800	W
battery	200/6×8	V/AH
Left and right wheel spacing	1200	CM
Front and rear wheel spacing	2100	CM

Subject to change without notice, subject to the actual parameters.

03

**DUST CART
SERIES**



03 DUST CART DUST CART SERIES

Fashionable appearance, good cleaning effect

This dust cart is mainly used for daily dust removal of hard ground in large shopping malls, stations, airports and other public places. It is also the first choice for fast dust removal of ground in large factories.

The equipment combines the conventional dust removal with the high-performance electric vehicle, which can effectively reduce the labor intensity. Just one person with one dust cart can replace ten cleaning people, which saves labor, money and time!

ZL-C2

DUST CART



Product feature

- Short wheelbase design. The smallest turning radius model on the market.
- The narrow corridor completes a single U-turn.
- The only dust cart on the market that has small passenger ladders and sightseeing motors.
- Applicable to administrative buildings, schools and other places without cargo ladder.
- C3 mechanical structure of the front and rear dust push frame lift at the same time, fault detection automatic alarm, easy maintenance and judgment.
- The handlebar can be folded, the seat can be split and folded, and the handlebar is equipped with a basket.
- The dust removal mechanism adopts automatic centering mechanism, lift lever principle and press down auxiliary mechanism.

Technical parameter

content	parameter	unit
Net weight(included battery)	48	KG
maximum working speed	12	KM/H
distance with full charge	30	KM
Maximum load capacity	140	KG
motor power	400	W
Battery type	48/12 (lead-acid cell)	V/AH
operate time	3.5	H
turning radius	1200	MM
Climbing capacity	14	°
Obstacle crossing height	90	MM
drive system	Brushless vector differential motor	—
Dust push rack width	900	MM
Package size	1450*500*600	MM
Working size	1550*900*1050	MM

Subject to change without notice, subject to the actual parameters.

03 DUST CART DUST CART SERIES

Fashionable appearance, good cleaning effect

This dust cart is mainly used for daily dust removal of hard ground in large shopping malls, stations, airports and other public places. It is also the first choice for fast dust removal of ground in large factories.

The equipment combines the conventional dust removal with the high-performance electric vehicle, which can effectively reduce the labor intensity. Just one person with one dust cart can replace ten cleaning people, which saves labor, money and time!

ZL-C3

DUST CART



Product feature

- Short wheelbase design. The smallest turning radius model on the market.
- The narrow corridor completes a single U-turn.
- Free entry and exit of small cargo elevators and sightseeing elevators.
- Applicable to administrative buildings, schools and other places without cargo ladder.
- C3 mechanical structure of the front and rear dust push frame lift at the same time, fault detection automatic alarm, easy maintenance and judgment.
- The handlebar can be folded, the seat can be split and folded, and the handlebar is equipped with a basket.
- The dust removal mechanism adopts automatic centering mechanism, lift lever principle and press down auxiliary mechanism.

Technical parameter

content	parameter	unit
Net weight(included battery)	48	KG
maximum working speed	12	KM/H
distance with full charge	40	KM
Maximum load capacity	150	KG
motor power	500	W
Battery type	48/12 (lead-acid cell)	V/AH
operate time	3.5	H
turning radius	1200	MM
Climbing capacity	16	°
Obstacle crossing height	90	MM
drive system	Brushless vector differential motor	—
Dust push rack width	900	MM
Package size	1450*500*600	MM
Working size	1550*900*1050	MM

Subject to change without notice, subject to the actual parameters.

03 DUST CART DUST CART SERIES

Fashionable appearance, good cleaning effect

This dust cart is mainly used for daily dust removal of hard ground in large shopping malls, stations, airports and other public places. It is also the first choice for fast dust removal of ground in large factories.

The equipment combines the conventional dust removal with the high-performance electric vehicle, which can effectively reduce the labor intensity. Just one person with one dust cart can replace ten cleaning people, which saves labor, money and time!

ZL-C4 DUST CART



Product feature

- Short wheelbase design. The smallest turning radius model on the market.
- The narrow corridor completes a single U-turn.
- Free entry and exit of small cargo elevators and sightseeing elevators.
- Applicable to administrative buildings, schools and other places without cargo ladder.
- C3 mechanical structure of the front and rear dust push frame lift at the same time, fault detection automatic alarm, easy maintenance and judgment.
- The handlebar can be folded, the seat can be split and folded, and the handlebar is equipped with a basket.
- The dust removal mechanism adopts automatic centering mechanism, lift lever principle and press down auxiliary mechanism.

Technical parameter

content	parameter	unit
Net weight(included battery)	53	KG
maximum working speed	12	KM/H
distance with full charge	50	KM
Maximum load capacity	170	KG
motor power	500	W
Battery type	48/20 (lead-acid cell)	V/AH
operate time	5.5	H
turning radius	1600	MM
Climbing capacity	18	°
Obstacle crossing height	110	MM
drive system	Brushless vector differential motor	—
Dust push rack width	1100	MM
Package size	1580*620*650	MM
Working size	1700*1100*1050	MM

Subject to change without notice, subject to the actual parameters.

03 DUST CART DUST CART SERIES

Fashionable appearance, good cleaning effect

This dust cart is mainly used for daily dust removal of hard ground in large shopping malls, stations, airports and other public places. It is also the first choice for fast dust removal of ground in large factories.

The equipment combines the conventional dust removal with the high-performance electric vehicle, which can effectively reduce the labor intensity. Just one person with one dust cart can replace ten cleaning people, which saves labor, money and time!

ZL-C5 DUST CART



Product feature

- Short wheelbase design. The smallest turning radius model on the market.
- The narrow corridor completes a single U-turn.
- Free entry and exit of small cargo elevators and sightseeing elevators.
- Applicable to administrative buildings, schools and other places without cargo ladder.
- C3 mechanical structure of the front and rear dust push frame lift at the same time, fault detection automatic alarm, easy maintenance and judgment.
- The handlebar can be folded, the seat can be split and folded, and the handlebar is equipped with a basket.
- The dust removal mechanism adopts automatic centering mechanism, lift lever principle and press down auxiliary mechanism.
- C5 lengthened vehicle body design, fault detection automatic alarm, easy maintenance and judgment

Technical parameter

content	parameter	unit
Net weight(included battery)	56	KG
maximum working speed	12	KM/H
distance with full charge	50	KM
Maximum load capacity	170	KG
motor power	500	W
Battery type	48/20 (lead-acid cell)	V/AH
operate time	5.5	H
turning radius	1600	MM
Climbing capacity	18	°
Obstacle crossing height	110	MM
drive system	Brushless vector differential motor	—
Dust push rack width	1100	MM
Package size	1580*620*650	MM
Working size	1700*1100*1050	MM

Subject to change without notice, subject to the actual parameters.



04

**ACCESSORY
SERIES**



squeeze



bearing wheel



brush disc



dial



**sewage discharge pipe
/absorption pipe**



vacuum motor



absorbent tape



scouring pad



side disc



rolling disc



strainer



battery