



MANAGE WITH LOVE
HAPPY TIANJUN



CLEAN

DESIGNED FOR GLOBAL MARKETS
BUILT TO LAST.

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PROFESSIONAL CLEANING EQUIPMENT

FOR COMMERCIAL AND INDUSTRIAL APPLICATIONS

About Us

CleanHorse is the international sub-brand of Shandong Tianjun Cleaning Equipment Co., Ltd., a professional manufacturer with over 20 years of experience in the floor cleaning equipment industry. Founded in 2004, Tianjun focuses on the research, development, and manufacturing of commercial and industrial cleaning machines, earning long-term trust through reliable products and consistent quality.



■ Core strengths.

Quality assurance remains a core focus of CleanHorse. From material inspection to final assembly, strict quality control and performance testing are implemented to ensure stable operation and long service life. Products are designed to meet international market requirements, supporting different voltages and application environments. Registered as an overseas brand in 2022, CleanHorse provides flexible OEM and ODM solutions, reliable production capacity, and stable delivery performance, while continuing to invest in intelligent and autonomous cleaning technologies for future development.

■ Company strengths.

CleanHorse products are developed and manufactured in Tianjun’s modern facilities, covering a total production area of 2,173 square meters. Supported by in-house R&D teams, standardized production lines, and a stable supply chain, the company began independent development of automatic floor scrubbers in 2006 and has expanded its product range to include walk-behind and ride-on scrubbers, industrial sweepers, carpet extractors, and industrial vacuum cleaners. Integrated aluminum casting structures and electrophoresis coating processes are applied to key components to improve durability and corrosion resistance.

Corporate Philosophy

■ Corporate culture

★

Altruism:RESPECTED ENTERPRISE

★

Gratitude:PEOPLE-ORIENTED CULTURE

★

Integrity:CREATE LASTING VALUE

★

Improvement:

■ Innovative and practical.

At CleanHorse, we believe that progress in cleaning comes from responsible innovation and practical, user-focused design. We develop professional cleaning equipment that improves efficiency, reduces operational effort, and delivers reliable, long-term performance. By combining engineering expertise with real-world application experience, CleanHorse makes professional cleaning easier, safer, and more effective, while supporting cleaner and healthier environments.

More easily

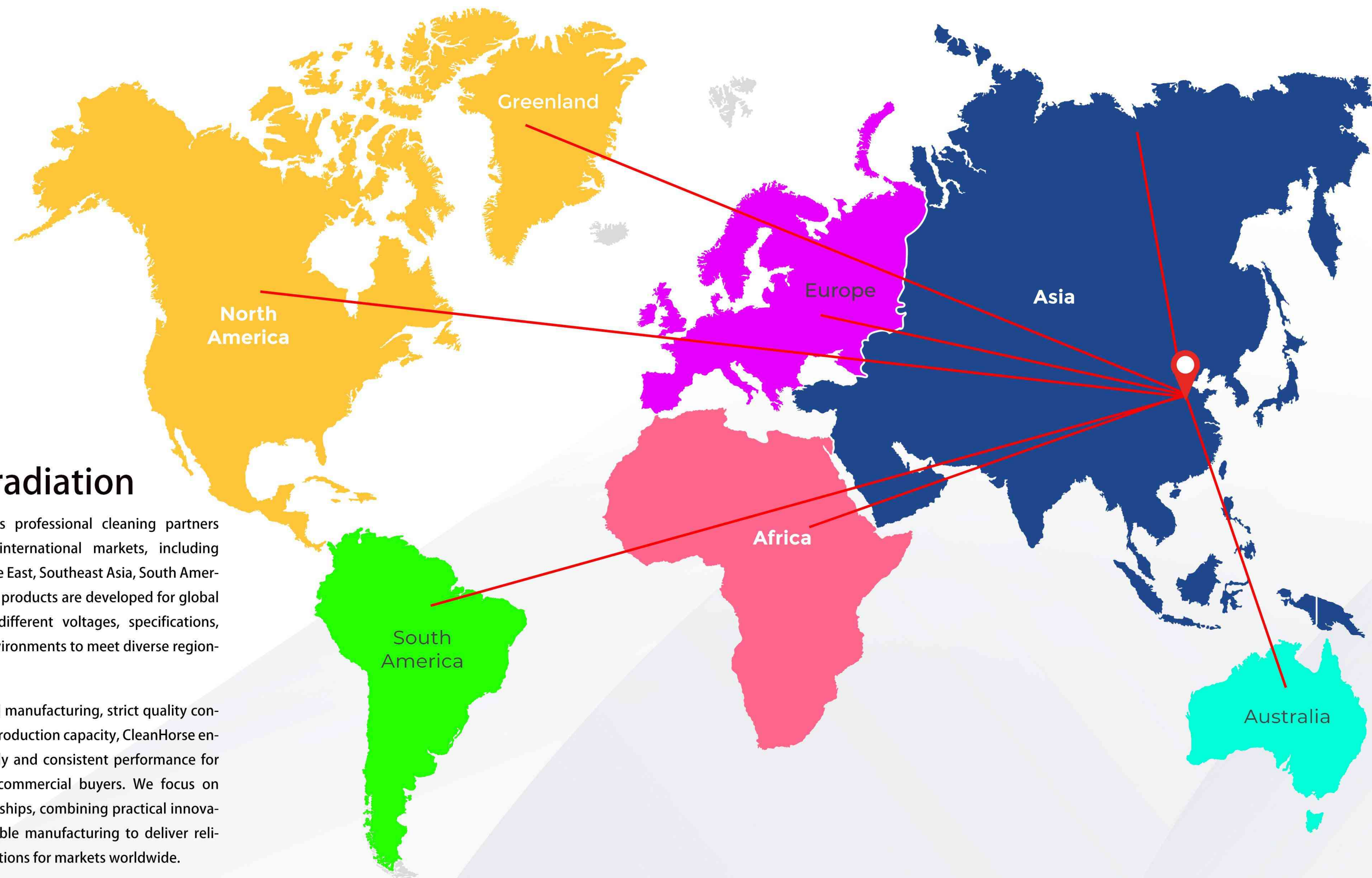
Safer

More efficient

Guided by the values of altruism, gratitude, integrity, and continuous improvement, CleanHorse aims to become a trusted and forward-looking brand in the global cleaning equipment industry. Through steady technological advancement, intelligent cleaning exploration, and long-term partnerships, we are committed to creating lasting value for customers and contributing to a cleaner and more sustainable world.



GLOBAL RADIATION MAP



Global radiation

CleanHorse serves professional cleaning partners across multiple international markets, including Europe, the Middle East, Southeast Asia, South America, and Africa. All products are developed for global use, supporting different voltages, specifications, and operating environments to meet diverse regional requirements.

With standardized manufacturing, strict quality control, and flexible production capacity, CleanHorse ensures stable supply and consistent performance for distributors and commercial buyers. We focus on long-term partnerships, combining practical innovation and responsible manufacturing to deliver reliable cleaning solutions for markets worldwide.

DEVELOPMENT HISTORY

2004-Brand Foundation

Founded by Mr. Wang Guangbin, establishing the Tianjun brand and entering the floor cleaning industry.



2007-Strategic Partnership

Reached collaboration agreement with Hago Floor Scrubbers.



2015-Manufacturing Technology Upgrade

Applied integrated aluminum casting and electrophoresis technology in mass production.



2022-2024 Global Brand & Smart R&D

2022: Registered CleanHorse as the overseas brand.

2024: Established autonomous driving development team for intelligent cleaning solutions.



2006-First Self-Developed Scrubber

Launched B450 Automatic Floor Scrubber.



2010-Mass Production & Industrial Focus

Began batch production of industrial sweepers.



2018-Product Portfolio Expansion

Expanded product line to hand-push machines, ride-on scrubbers, industrial vacuums, and carpet extractors.



UNITED AS ONE

Our Partners

Our nationwide partners are a showcase of our strength



Product Collection

Commercial floor scrubber



K1 K2 K3 K4

Floor scrubber



X1 X2

Floor scrubber



X3 X4 X5 X6 X7

Floor scrubber



X8 X9 X10 X11 X12

Floor scrubber



X13 ARES510 ARES520 ARES530 ARES550

Floor scrubber



ARES600 ARES700 ARES800 ARES900

Floor scrubber



ARES910 ARES1100 ARES1200

Floor sweeper



M1 M2 M3 M4 M5

Floor sweeper



M6 M7 M8 M9 M10

FLOOR - SCRUBBINGROBOT



T1 T3 PLUS

HAND PUSH VACUUM CLEANER



TJ5400FP TJ55 TJ210S TJ210ST TJ548CF TJ5010

K1

HAND PUSHFLOOR SCRUBBER

● **SCOPE OF APPLICATION**

The weight of the whole machine is 10kg, which is easy to handle. Its use cases include commercial restaurants such as KFC, Pizza Hut, villas and apartments. Even if there are only steps or no elevator, it is easy to go upstairs.



Cleaning Width	380mm
Working Efficiency	1200 m²/h
Brush Disc Speed	70r/min
Suction Motor Power	70 (v/w)
Battery Specifications	24V6Ah
Continuous Working Hours	90min
Dust Tank Capacity	5.8L
Water Tank Capacity	4.8L

Brush Plate Motor Power	24/100(v/w)
Noise Level	65dB
Operating Voltage	24V
Machine Weight	10kg
Water Suction Width	430mm
Brush Disc Diameter	185mm
Battery Weight	1.4kg
Dimensions	428*413*1080mm

K2

HAND-PUSH SWEEPER

● **SCOPE OF APPLICATION**

Suitable for the large area such as factory work-shops, office buildings, hospitals, hotels, shopping malls, supermarkets, exhibition halls, stations, airports, warehouses and other large-area sites such as epoxy floor, tile, macadam, marble, terrazzo, PVC, etc. Fast mechanized floor cleaning design with regular cycles.



Product Model	K2
Working Efficiency	1200m²/h
Brush Disc Power	160W*2
Cleaning Width	520mm
Number Of Brushing discs	2
Water Suction Motor	120w
Revolving Speed	350RPM

Clean Water Tank	6L
Waste Water Tank	9L
Voltage	24V12Ah
Working Hours	90min
Machine Dimensions	518*377*1208mm
Weight	24kg

K3 HAND PUSH FLOOR SCRUBBER

● SCOPE OF APPLICATION

Suitable for the large area such as factory work-shops, office buildings, hospitals,hotels, shop-ping mails, supermarkets, exhibition halls, sta-tions, airports, warehouses and other large-ar-easites such as epoxy floor, tile, macadam, mar-ble,terrazzo, PVC, etc. Fast mechanized floor clean-ing design with regular cycles.



K4 HAND PUSH FLOOR SCRUBBER

● SCOPE OF APPLICATION

Suitable for the large area such as factory work-shops, office buildings, hospitals,hotels, shop-ping mails, supermarkets,exhibition halls, sta-tions, airports, warehouses and other large-ar-easites such as epoxy floor, tile, macadam, marble,-terrazzo, PVC, etc. Fast mechanized floor clean-ing design with regular cycles.



Product Model	K3
Working Efficiency	1200m ² /h
Brush Disc Power	200W*2
Cleaning Width	430mm
Number Of Brushing discs	2
Walking Efficiency	5km/h
Squeegee Width	450mm

Battery	36V10Ah
Clean Water Tank	5.5L
Waste Water Tank	8.5L
Operating Noise	56dB
Working Hours	70-80min
Machine Dimensions	450*360*1200mm
Weight	22kg

Product Model	K4
Working Efficiency	850m ² -/h
Brush disc motor	400W
Cleaning Width	350mm
ueegee Width	420mm
Brush Disc Diameter	13in
Water Suction Motor	370W

Clean Water Tank	11L
Waste Water Tank	13L
Operating Noise	65dB
Working Hours	1-2h
Machine Dimensions	720*400*900mm
Weight	36kg

ARES510

HAND PUSHED DUAL BRUSH
LITHIUM BATTERY FLOOR SCRUBBER

- **TEFLON PROCESS**
Better texture and more wear-resistant
- **DUAL BRUSH DISC DESIGN**
Effectively reduce cleaning costs
- **INTELLIGENT OPERATING SYSTEM**
One-click startup for more convenient operation



Cleaning width	510mm
Water absorption width	800mm
Work efficiency	2000m²/h
Climbing ability	20°
Brush motor	150W*2
Suction motor	500W
Brush rotation speed	200rpm
Brush pressure	30kg

Work noise	60dB
Clean water tank	55L
Sewage tank	60L
Power source	24V50Ah
Working time	2-3h
Brush disc diameter	10in*2
Machine body size	990*800*1000mm
Overall weight	80kg

ARES520

HAND-PUSH SINGLE BRUSH
LEAD-ACID WASHING MACHINE

- **ECO ENERGY-SAVING MODE**
Intelligent noise reduction can last for more than 5 hours.
- **TEFLON PROCESS**
Easy to clean, corrosion-resistant, high-temperature resistant, and low wear
- **INTEGRATED BUILT-IN CHARGING**
Improve efficiency and protect circuits



Cleaning width	510mm
Suction width	800mm
Work efficiency	2500m²/h
Climbing ability	20°
Brush motor	550W
Suction motor	500W
Working noise	65dB
Power source	24V85Ah

Clean water tank	50L
Sewage tank	60L
Charging time	6-8h
Working time	3-4h
Brush disc diameter	19in
Brush disc rotation speed	200rpm
Brush disc pressure	30kg
Body size	1300*800*1060mm
Overall weight	137kg

ARES530

HAND-PUSH SINGLE BRUSH
LEAD-ACID WASHING MACHINE

- **DETACHABLE TOOLBOX**
Clean the mobile workstation
- **HIGH-PRESSURE WATER GUN**
Independent power control
- **INTELLIGENT OPERATING SYSTEM**
One-click startup for more convenient operation



Cleaning width	510mm
Suction width	800mm
Work efficiency	2500m²/h
Climbing ability	20°
Brush motor	550W
Suction motor	500W
Working noise	60dB
Power source	24V85Ah

Clean water tank	55L
Sewage tank	65L
Charging time	5-6h
Working time	4-5h
Brush disc diameter	19in
Brush disc rotation speed	200rpm
Brush disc pressure	30kg
Body size	1300*800*1060mm
Overall weight	180kg

ARES550

HAND PUSH SINGLE BRUSH LEAD
ACID BATTERY WASHING MACHINE

- **ECO ENERGY-SAVING MODE**
Intelligent noise reduction can last for more than 5 hours
- **CAST ALUMINUM CHASSIS**
Anti-rust and anti-corrosion, extending the service life of the chassis
- **INTEGRATED BUILT-IN CHARGING**
Improve efficiency and protect circuits



Cleaning width	510mm
Suction width	800mm
Work efficiency	2500m²/h
Climbing ability	20°
Brush motor	550W
Suction motor	500W
Driving power	300W
Working noise	60dB
Power source	24V85Ah

Clean water tank	55L
Sewage tank	65L
Charging time	5-6h
Working time	4-5h
Brush disc diameter	19in
Brush disc rotation speed	200rpm
Brush disc pressure	30kg
Body size	1300*800*1060mm
Overall weight	180kg

ARES600

DRIVING TYPE DOUBLE BRUSH
LEAD ACID SCRUBBER

● **INTEGRATED BUILT-IN CHARGER**

Improve efficiency and protect circuits

● **DUAL-BRUSH DESIGN FOR HIGHER EFFICIENCY**

Effectively reduce cleaning costs

● **STANDARD ECO MODE**

Intelligent noise reduction, longer usage time



Cleaning width	550mm
Suction width	800mm
Work efficiency	4000m²/h
Climbing ability	20°
Brush motor	150W*2
Suction motor	500W
Driving power	500W
Working noise	60dB

Clean water tank	70L
Sewage tank	80L
Power source	24V100Ah
Working time	2-3h
Brush disc diameter	10in*2
Brush disc pressure	30kg
Body size	1296*800*986mm
Overall weight	230kg

ARES700

DRIVING TYPE DOUBLE BRUSH
LEAD ACID SCRUBBER

● **INTEGRATED BUILT-IN CHARGER**

Improve efficiency and protect circuits

● **STANDARD ECO MODE**

Intelligent noise reduction, longer usage time

● **STANDARD-EQUIPPED HIGH PRESSURE WATER GUN**

Effectively reduce cleaning costs



Cleaning width	660mm
Suction width	000mm
Work efficiency	5000m²/h
Climbing ability	20°
Brush motor	400W*2
Suction motor	500W
Brush rotation speed	200rpm
Brush pressure	30kg

Working noise	60dB
Clean water tank	90L
Sewage tank	110L
Power source	24V100Ah
Working time	3-4h
Brush disc diameter	13in*2
Body size	1320*1000*1250mm
Overall weight	260kg

ARES800

DRIVING TYPE DOUBLE BRUSH
LEAD ACID SCRUBBER

● **INTEGRATED BUILT-IN CHARGER**

Improve efficiency and protect circuits

● **STANDARD ECO MODE**

Intelligent noise reduction, longer usage time

● **INTELLIGENT OPERATING SYSTEM**

One-click startup for more convenient operation



Cleaning width	760mm
Suction width	1000mm
Work efficiency	6000m²/h
Climbing ability	20°
Brush motor	400W*2
Suction motor	500W
Driving power	450W
Working noise	60dB
Power source	24V100Ah

Clean water tank	90L
Sewage tank	110L
Charging time	6-7h
Working time	3-4h
Brush disc diameter	15in*2
Brush disc rotation speed	200rpm
Brush disc pressure	30kg
Body size	1320*1000*1250mm
Overall weight	280kg

ARES900

DRIVING TYPE DOUBLE BRUSH
LEAD ACID SCRUBBER

● **INTEGRATED BUILT-IN CHARGER**

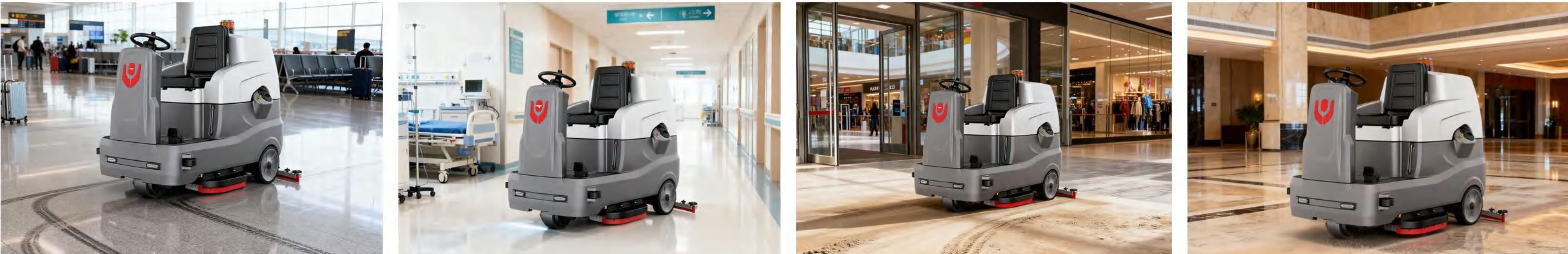
Improve efficiency and protect circuits

● **STANDARD ECO MODE**

Intelligent noise reduction, longer usage time

● **INTELLIGENT OPERATING SYSTEM**

One-click startup for more convenient operation



Cleaning width	860mm
Water absorption width	1200mm
Work efficiency	7800m²/h
Climbing ability	20°
Brush motor	550W*2
Suction motor	600W
Driving power	800W
Working noise	60dB
Power source	24V200Ah

Clean water tank	160L
Sewage tank	180L
Charging time	7-8h
Working time	3-4h
Brush disc diameter	17in*2
Brush disc rotation speed	200rpm
Brush disc pressure	30kg
Body size	1660*1200*1300mm
Overall weight	480kg

ARES910

HAND PUSH SINGLE BRUSH LEAD-ACID
BATTERY WASHING MACHINE

● **TEFLON PROCESS**

Better texture and more wear-resistant

● **DUAL BRUSH DISC DESIGN**

Effectively reduce cleaning costs

● **INTELLIGENT OPERATING SYSTEM**

One-click startup for more convenient operation



Cleaning width	650mm
Suction width	900mm
Work efficiency	2500m²/h
Climbing ability	20°
Brush motor	650W*2
Suction motor	500W
Fresh water tank	55L
Sewage tank	65L

Work noise	65dB
Power source	24V100Ah
Working hours	3-4h
Body size	1280*800*1000mm
Overall weight	180kg

ARES1100

DRIVING TYPE DOUBLE BRUSH
LEAD ACID SCRUBBER

● **FRONT AND REAR SPRAY DESIGN**

Cleaning spray for dust reduction

● **EXCESSIVELY LONG WORKING HOURS**

200AH battery, ultra-long working time

● **REAR-MOUNTED HIGH-PRESSURE
SPRAY GUN DESIGN**

Equipment cleaning, convenient and efficient



Cleaning width	960mm
Water absorption width	1200mm
Work efficiency	8500m²/h
Climbing ability	20°
Brush motor	550W*2
Suction motor	600W
Driving power	800W
Working noise	60dB
Power source	24V200Ah

Clean water tank	160L
Sewage tank	180L
Charging time	7-8h
Working time	3-4h
Brush disc diameter	19in*2
Brush disc rotation speed	200rpm
Brush disc pressure	30kg
Body size	1660*1200*1300mm
Overall weight	500kg

ARES1200

DRIVING DUAL BRUSH LEAD ACID WASHING
AND SWEEPING INTEGRATED MACHINE

● **TEFLON PROCESS**

Better texture and more wear-resistant

● **DUAL BRUSH DISC DESIGN**

Effectively reduce cleaning costs

● **INTELLIGENT OPERATING SYSTEM**

One-click startup for more convenient operation



Clean width	800mm
Water-absorbing width	1200mm
Work efficiency	6000m²/h
Climbing capability	20°
Scrubbing pad motor	650W*2
Water-absorbing motor	600W
Capacity of the trash bin	10L
Driving power	800W

Work noise	60dB
Dust box capacity	10L
Clean water tank	160L
Dirty water tank	180L
Power source	24V200Ah
Working time	3-4h
Body size	1660*1200*1300mm
Overall weight	

X1 HAND-PUSH SWEEPER

● ONE-CLICK CONVENIENT OPERATION

One-touch activation of automatic cleaning and water suction fan

● HIGH-PERFORMANCE WATER ABSORPTION FAN

Tianjun independently develops solutions to various stains and dust

● USER-FRIENDLY DESIGN

Widening handle streamlined body design



X2 HAND PUSH FLOOR SCRUBBER

● ALUMINUM ALLOY INTEGRATED CHASSIS

Automobile and technology rust and corrosion resistance

● HIGH PERFORMANCE SUCTION FAN

Tianjun independently develops solutions to various stains and dust

● ERGONOMIC TORQUE DESIGN

Easily lift and lower the water absorption squeegee



Cleaning width	530mm
Squeegee width	800mm
work efficiency	2500m ² /h
gradability	20°
brush motor	500W
water-absorbing motor	550W
Brush disk speed	200rpm
Disk brushing pressure	35kg

operating noise	65dB
clean water tank	40L
sewage tank	45L
power source	24V85Ah
working hours	3-4h
Brush disk diameter	19in
Body dimensions	1285*800*920mm
Total weight	110kg

Cleaning width	24V85Ah
Squeegee width	2100m ² /h
work efficiency	550W
gradability	530mm
brush motor	20°
water-absorbing motor	550W
Brush disk speed	840mm

Disk brushing pressure	55L
Waste Water Tank	60L
Operating Noise	65dB
Working Hours	2-3h
Machine Dimensions	1190*640*1010mm
Weight	107kg

X3 HAND-PUSH SWEEPER

SCOPE OF APPLICATION

Suitable for the large area such as factories,office buildings, hospitals, hotels, shoppingcenters, shopping malls,supermarkets, exhibi-tion halls, stations, airports and warehouseswhich the ground materials are epoxy floor,marble,PVC and so. Designed for a regularcycle of rapid mecha-nized floor cleaning.



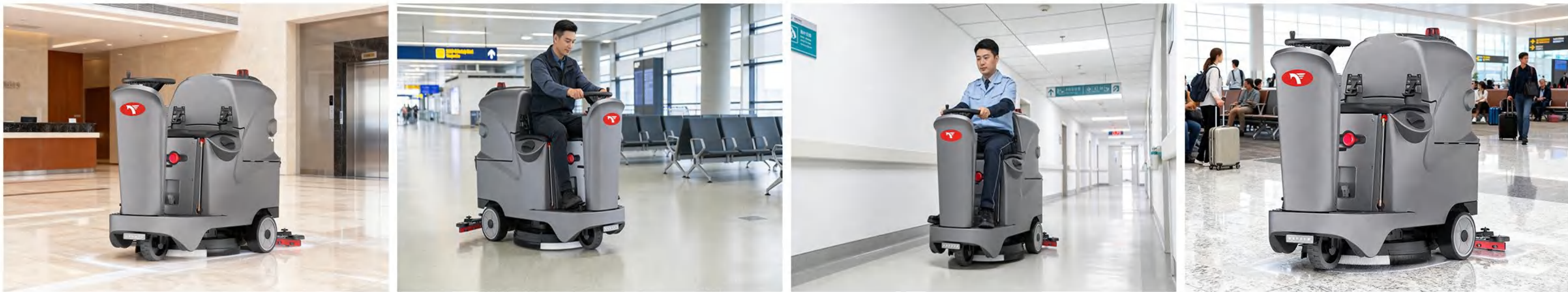
Cleaning Path Width	510mm
Working Efficiency	2200m²/h
Gradeability	20
Brush Pressure	30kg
Voltage	24V85Ah
Working Hours	2-4h
Dust Tank Capacity	60L
Water Tank Capacity	55L
Brush Motor	500W

Sound Level	60dB
Vacuum Power	500w
Brush Diameter	510mm
Vacuum Suction	190mbar
Squeegee Width	780mm
Weight	105kg
Dimensions	1270*550*1090mm
Brush Rpm	200 rpm
Package Volume	1.1m³

X4 RIDE ON FLOOR SCRUBBER

SCOPE OF APPLICATION

Suitable for the large area such as factory work-shops, office buildings, hospitals,hotels, shop-ping mails, supermarkets,exhibition halls, sta-tions, airports, warehouses and other large-are-asites such as epoxy floor, tile, macadam, marble,-terrazzo, PVC, etc. Fast mechanized floor clean-ing design with regular cycles.



Voltage	24V100A
Working Efficiency	4500m²/h
Operating Power	550W
Cleaning Width	580mm
Climbing Capacity	20
Brush Disc Motor	550W
Squeegee width	860mm

Clean Water Tank	70L
Water Tank Capacity	60L
Operating Noise	65dB
Working Hours	2-3h
Machine Dimensions	1190*640*1010mm
Weight	107kg

X5 RIDE ONFLOOR SCRUBBER

● LARGE SIZE BRUSH DISK CONFIGURATION

High cleaning efficiency and large cleaning area

● LARGE-CAPACITY WATER TANK

Large water storage capacity and higher cleanliness

● ONE MACHINE HANDLES MULTIPLE SCENARIOS

Suitable for various scenarios, one machine can handle it all.



Battery	24V100A
Working Efficiency	4600m²/h
Gradeability	16
Cleaning Width	580mm
Noise	68dB
Brush Disc Motor	500W
Water Suction Motor	500W

Clean Water Tank	85L
Waste Water Tank	85L
Squeegee Width	800mm
Working hours	3-4h
Machine Dimensions	1370*780*1085mm
Machine Weight	219kg

X6 RIDE ON FLOOR SCRUBBER

● DUAL BRUSH DISC CONFIGURATION

High cleaning efficiency and large cleaning area

● WASH AND WIPE 2-IN-1

Save effort and money, double the efficiency

● ONE MACHINE HANDLES MULTIPLE SCENARIOS

Suitable for various scenarios, one machine can handle it all.



Cleaning width	770mm
Squeegee width	1000mm
work efficiency	4800m²/h
gradability	20°
water-absorbing motor	600W
Drive motor Driv	800W
Water absorption strength	190mbar
Disk flashing power	400W*2

operating noise	70dB
Green water tank	90L
sewage tank	95L
power source	24V100Ah
working hours	3-4h
Body dimensions	1370*800*1300mm
Total weight	300kg

X7 RIDE ONFLOOR SCRUBBER

● **LARGE SIZE BRUSH DISK CONFIGURATION**

Cleaning efficiency, high definition, large scanning area

● **LARGE-CAPACITY WATER TANK**

Higher cleanliness with larger water storage capacity

● **MULTIPLE SCENARIOS CAN BE HANDLED WITH ONE MACHINE**

Suitable for various scenarios, one machine can handle it



Cleaning width	660mm
Squeegee width	1100mm
work efficiency	6600m²/h
gradability	16°
brush motor	300W*2
water-absorbing motor	500W
drive motor	500W
Disk brushing pressure	25kg

operating noise	68dB
Green water tank	85L
sewage tank	85L
power source	24V100Ah
working hours	3-4h
Body dimensions	370*1100*1085mm
Brush disk diameter	3in*2
Total weight	240kg

X8 RIDE ONFLOOR SCRUBBER

● **LARGE SIZE BRUSH DISK CONFIGURATION**

Cleaning efficiency, high definition, large scanning area

● **LARGE-CAPACITY WATER TANK**

Higher cleanliness with larger water storage capacity

● **MULTIPLE SCENARIOS CAN BE HANDLED WITH ONE MACHINE**

Suitable for various scenarios, one machine can handle it



Cleaning width	860mm
Water absorption width	1100mm
Work efficiency	6600m²/h
Climbing ability	16°
Brush disc motor	550W*2
Water absorption motor	650W
Drive motor	800W
Brush disc pressure	38kg

Work noise	64dB
Clean water tank	150L
Sewage tank	160L
Power source	24V200Ah
Working time	3-4h
Brush disc diameter	17in*2
Body size	1480*1100*1330mm
Overall weight	225kg

X9

RIDE ON FLOOR SCRUBBER

● LARGE SIZE BRUSH DISK CONFIGURATION

Cleaning efficiency, high definition, large scanning area

● LARGE-CAPACITY WATER TANK

Higher cleanliness with larger water storage capacity

● MULTIPLE SCENARIOS CAN BE HANDLED WITH ONE MACHINE

Suitable for various scenarios, one machine can handle it



Cleaning width	860mm
Water absorption width	1200mm
Work efficiency	7800m²/h
Climbing ability	20°
Water absorption motor	600W
Drive motor	1000W
Water absorption strength	190mbar
Brush disc power	600W*2

Work noise	70dB
Clean water tank	175L
Sewage tank	180L
Power source	24V200Ah
Working hours	3-4h
Body size	1600*1100*1420mm
Overall weight	400kg

X10

RIDE ON FLOOR SCRUBBER

● CONFIGURATION OF LARGE-SIZED BRUSH DISCS

High cleaning efficiency and large cleaning area

● HIGH-POWER DOUBLE-SUCTION WATER FAN

Tianjun independently developed

● REAR-WHEEL DRIVE

Significantly improve climbing performance and load-carrying capacity



Cleaning width	1000mm
Suction width	1350mm
Work efficiency	9000m²/h
Climbing ability	20°
Brush motor	750W*2
Suction motor	500W*2
Drive motor	1800W
Water pump	120W

Driving speed	0-9km/h
Clean water tank	240L
Sewage tank	260L
Power source	48V150Ah
Working time	3-4h
Brush diameter	19in*2
Body size	1850*1350*1500mm
Overall weight	420kg

X11

RIDE ON FLOOR SCRUBBER

● **CONFIGURE THE SPLASH GUARD**

Fixed height and not easy to wear

● **TOUCHSCREEN PANEL SYSTEM**

Intelligent operation, fast and convenient

● **TEFLON PROCESS**

Easy to clean, corrosion-resistant, high-temperature resistant, and low wear



X12

DRIVING LEAD ACID WASHING
AND SWEEPING INTEGRATED MACHINE

● **FRONT AND REAR SPRAY DESIGN**

Cleaning spray for dust reduction

● **EXCESSIVELY LONG WORKING HOURS**

200AH battery, ultra-long working time

● **REAR-MOUNTED HIGH-PRESSURE
SPRAY GUN DESIGN**

Equipment cleaning, convenient and efficient



Cleaning width	1100mm
Suction width	1350mm
Brush motor	550W*2
Vacuum motor	650W
Driving power	1000W
Power source	36V200Ah
Cleaning efficiency	10800m ² /h
Climbing ability	10°

Noise	70dB
Clean water tank	200L
Sewage tank	240L
Working time	3-4h
Brush disc diameter	19in*2
Working speed	0-9km/h
Machine size	1730*1485*1310mm
Overall weight	530kg

Cleaning width	1080mm
Squeegee width	1350mm
Cleaning width	1450mm
work efficiency	11500m ² /h
gradability	30°
Brush disk motor	600W*3
Water absorbing motor	600W*2
drive power	2800W
Main brush power	950W
Edge brush power	90W*2

pump power	120W
Container capacity	60L
working speed	0-9km/h
clean water tank	280L
sewage tank	330L
power source	72V200Ah
working hours	3-4h
Body dimensions	2800*1460*1590mm
Total weight	1320kg

X13

RIDE ON FLOOR SCRUBBER

● **CONFIGURE THE SPLASH GUARD**

Fixed height and not easy to wear

● **TOUCHSCREEN PANEL SYSTEM**

Intelligent operation, fast and convenient

● **TEFLON PROCESS**

Easy to clean, corrosion-resistant, high-temperature resistant, and low wear



Cleaning width	1000mm
Water absorption width	1270mm
Work efficiency	8800m ² /h
Climbing ability	10°
Brush disc diameter	19in*2
Brush disc motor	650W*2
Brush disc pressure	75kg
Drive motor	650W

Water absorption motor	500W*2
Clean water tank	210L
Sewage tank	230L
Power source	36V200Ah
Noise	70dB
Working time	5-6h
Body size	1850*1270*1470mm
Overall weight	604kg

M1 HAND-PUSH SWEEPER

SCOPE OF APPLICATION

Widely applicable to squares, parks, streets, schools, scenic spots, residential areas, parking lots, docks and machines. Cleaning of large-area sites such as fields, stations, industrial parks, cement factories, ceramic factories, aluminum factories, powerplants, etc., Rapid mechanized ground cleaning of the cycle



M2 RIDE-ON SWEEPER

CONFIGURE THE BUMPER

Security assurance and attentive quality

EXCLUSIVE POWERFUL MOTOR

Long service life, high reliability, low noise

PRE-SPRAY NOZZLE

Inhibit dust from rising



SWEEPING WIDTH	1000mm
WORK EFFICIENCY	4000m ² /h
LENGTH OF MAIN BRUSH	500mm
VOLTAGE	48V20Ah
WORKING TIME	4-5h
DUMPSTER CAPACITY	45L
SIDE BRUSH DIAMETER	280mm

OPERATG POWEI	300W+90W*2
WATER TANK CAPACITY	40L
DIMENSIONS(LxWxH)	850*900*600mm
FILTRATION AREA	2m ²
MACHINE WEIGHT	95kg
CLEANLINESS EFFICIENCY	≥ 90%
NUMBER OSIDEBRUSHES	2

Cleaning width	1200mm
Main brush length	500mm
Working efficiency	7200m ² /h
Climbing ability	25°
Driving power	800W
Filtration area	4m ²
Working time	2-3h
Power	600W+100W*2+100W+500W (Main brush + side brush + dust vibration + fan)

Brush diameter	500mm
Clean water tank	60L
Dust box	90L
Power source	48V52Ah
Working speed	0-6km/h
Travel speed	0-10km/h
Machine size	1400*1200*1350mm
Overall weight	310kg

M3 RIDE-ON SWEEPER

- **PRE-SPRAY NOZZLE**
Attentive quality Use with confidence
- **ONE-CLICK DUST REMOVAL**
Maintain efficient cleaning
- **EXCLUSIVE POWERFUL MOTOR**
Suppress dust from rising



M4 RIDE-ON SWEEPER

- **CONFIGURE THE BUMPER**
Security assurance and attentive quality
- **EXCLUSIVE POWERFUL MOTOR**
Long service life, high reliability, low noise
- **PRE-SPRAY NOZZLE**
Inhibit dust from rising



Cleaning width	1400mm
Working efficiency	9800m ² /h
Climbing ability	20°
Side brush diameter	500mm
Main brush length	660mm
Drive motor	1200W
Dust box capacity	180L
Water tank capacity	180L

Power	1000W+100W*2+200W+500W (Main brush + side brush + dust vibration + fan)
Power source	48V80Ah
Working time	3-4h
Working speed	0-8km/h
Travel speed	0-12km/h
Body size	1665*1400*1300mm
Overall weight	430kg

Cleaning width	1400mm
Working efficiency	9800m ² /h
Climbing ability	20°
Side brush diameter	500mm
Main brush length	660mm
Drive motor	1200W
Dust box capacity	180L
Water tank capacity	180L

Power	1000W+100W*2+200W+500W (Main brush + side brush + dust vibration + fan)
Power source	48V80Ah
Working time	3-4h
Working speed	0-8km/h
Travel speed	0-12km/h
Body size	1665*1400*1950mm
Overall weight	430kg

M5 RIDE-ON SWEEPER

- **PRE-SPRAY NOZZLE**
Attentive quality Use with confidence
- **ONE-CLICK DUST REMOVAL**
Maintain efficient cleaning
- **EXCLUSIVE POWERFUL MOTOR**
Inhibit dust from rising



Cleaning width	1400-2100mm
Working efficiency	13000m²/h
Climbing ability	20°
Side brush diameter	500mm
Main brush length	660mm
Drive motor	1200W
Dust box capacity	180L
Water tank capacity	180L

Power	1000W+100W*4+200W+500W (Main brush + side brush + dust vibration + fan)
Power source	48V80Ah
Working time	3-4h
Working speed	0-8km/h
Travel speed	0-12km/h
Body size	1400*1600*1950mm
Overall weight	480kg

M6 RIDE-ON SWEEPER

- **EXCLUSIVE POWERFUL MOTOR**
Long service life, high reliability, low noise
- **LARGE-CAPACITY DUST BIN**
High cleaning efficiency, large-scale cleaning
- **LARGE CURVED TEMPERED GLASS**
High strength, high safety, high thermal stability



Voltage	48V100Ah
Working Efficiency	16000m²/h
Operating Power	1000W
Cleaning Width	2000mm
Climbing Capacity	35°
Water Tank Capacity	150L
Container Capacity	200L
Vacuum Power	500w

Side Brush Diameter	500mm
Main Brush Length	700mm
Work Hours	3-4h
Machine Dimensions	1900*2000*1850mm
Weight	700kg

M7 HAND-PUSH SWEEPER

EXCLUSIVE POWERFUL MOTOR

Long service life, high reliability, low noise

LARGE-CAPACITY DUST BOX

High cleaning efficiency, large-scale cleaning

AUTOMATIC ONE-CLICK STARTUP

Simple operation, no special training required.



Brush diameter	2100mm
Clean water tank	740mm
Dust box	12600m ² /h
Power source	35°
Working speed	800W
Working time	front150W*2 after100W*2
Machine size	200W
Overall weight	500W

Brush diameter	600mm
Clean water tank	200L
Dust box	200L
Power source	48V100Ah
Working speed	0-8km/h
Working time	3-4h
Body size	2210*2100*2380mm
Overall weight	720kg

M8 RIDE-ON SWEEPER

SPRAY DUST SUPPRESSION SYSTEM

Save resources and effectively solve the floating dust problem

LARGE-CAPACITY DUST BOX

Efficient vacuuming, large-scale cleaning

FIXED-POINT BRAKING AUTOMATIC SPEED CONTROL

Improve driving safety - Auxiliary technology



Brush diameter	2300mm
Clean water tank	90mm
Dust box	13800m ² /h
Power source	28°
Working speed	1000W
Working time	150W*4
Machine size	100W*2
Overall weight	250W*2

Brush diameter	600mm
Clean water tank	200L
Dust box	260L
Power source	48V150Ah
Working speed	0-8km/h
Working time	3-4h
Body size	2600*2300*2100mm
Overall weight	1050kg

M9 HAND-PUSH SWEEPER

DUAL-FAN DUST SUCTION

Double suction power improves cleaning efficiency

EQUIPPED WITH ANTI COLLISION FUNCTION

Double suction power improves cleaning efficiency

EXCLUSIVE POWERFUL MOTOR

Long service life, high reliability, low noise



Cleaning width	1500-2300mm
Work efficiency	17500m²/h
Climbing ability	30°
Side brush diameter	front 600mm after 500mm
Main brush length	790mm
Drive motor	3000W
Dust box capacity	240L
Water tank capacity	300L

Power	1100W+150W*4+200W*4+500W*4 (Main brush + side brush * vibration dust removal + fan)
High-pressure pump	1500W
Power source	48V200Ah
Working time	5-8h
Machine size	3200*2300*2160mm
Overall weight	1100kg

M10 RIDE-ON SWEEPER

600L DOUBLE WATER TANK

Oversized water tank for longer endurance

HIGH-POWER MOTOR

3000W high power, stronger power

LARGE-CAPACITY DUST BOX

High cleaning efficiency, large-scale cleaning



Cleaning width	2500mm
Main brush length	800mm
Work efficiency	25000m²/h
Climbing ability	35°
Operating power	800W+100W*4+100W*2+500W*2 (Main brush+side brush+vibration dust+fan)
Water spray motor	45W
Working speed	0-10km/h
High-pressure water pump	750W

Turning radius	6600mm
Clean water tank	300+300L (300AH lead-acid configuration with a 300L water tank)
Dust box	240L
Power source	48V200Ah
Driving power	3500W
Working time	3-4h
Body size	3500*2500*2200mm
Overall weight	1150kg

T1 FLOOR - SCRUBBINGROBOT

● STRONG PASSABILITY

The machine is small and flexible.and can easily move even underdesks in the office area.

● FOUR MAJOR FUNCTIONS

Floor - scrubbing + sweeping + dust -collecting + dust -sweeping. All - in - onefunction, flexible combination

● ZERO DEAD – ANGLE CLEANING

1. The side brush is close to the wall toclean corners.2.No dead - angle cleaning, ensuringhigh - quality cleaning.



T3 Plus FLOOR - SCRUBBINGROBOT

● QUICK LAUNCH

Automatically set maps and planroutes. Simple on - site de-ploy-ment for quick - start cleaning.

● CUSTOMIZABLE MODES

Roller brush speed, suction intensity,walking speed, and water sprayvolume can all be adjusted.

● TASK REPORT

Automatically generate task re-ports and actively push work com-oletion status, cleaning historical-data, and reporting consumableparts life situa-tion.



Appearance Dimensions	620mm(L)x550mm(W)x700mm(H)
Machine Weight	70KG
Dust Bin Capacity	1.5L
Water Tank Capacity	Clean water tank 14L, Sewage water tank 15L
Running Time	4H for floor - scrubbing, 12H for mopping
Charging Time	4H
Cleaning Efficiency	Up to 1200 m²/h

Sweeping Width	510mm
Floor - Scrubbing Width	420mm
Safety Protection	Laser + Vision + Ultrasonic + Safety Bumper + Anti - Fall
Operating Noise	≤ 68 dB(A)
Climbing Angle	Less than 8° (Non - working state), less than 3° (Working state)
Battery Type	24V 52AH Lithium Iron Phosphate Battery, 24V, 52AH
Navigation Way	2D Laser Navigation (3D optional)
Water - Electricity Integration	Automatic water filling, draining, and charging

Dimensions	860mm(L)x650mm(W)x1100mm(H)
Weight	150kg
Cleaning Width	500mm for floor scrubbing, 600mm for mopping
Water Tank Capacity	95L (Clean water tank 50L; Recovery tank 45L), 5 stage cyclic filtration
Speed Range	0-1m/s
Climbing Ability	≤ 10°
Obstacle - crossing Ability	12mm
Charging Time	4h
Working Time	104Ah version: 5.5H for floor scrubbing, 15H for mopping

Navigation Way	3D laser
Safety Protection	3D laser + 2D laser + vision + ultrasonic + touch - edge + anti - fall
Obstacle Avoidance	Supported
Passing Width	80cm
Cleaning Efficiency	Up to 2000m²/h
Working Noise	Less than 70dB(A)
Dust Pushing	Supported
Workstation (Optional)	Automatic water filling, draining, and charging

TJ5400FP

HAND PUSH VACUUM CLEANER

● **MULTIPLE SUCTION NOZZLES AND QUICK SOCKETS**

Adapts to various environments, making the cleaning process easier

● **LOAD, UNLOAD AND COLLECT DUST BUCKETS**

Convenient to dump, easy to disassemble and assemble at any time

● **THICKENED STAINLESS STEEL MATERIAL**

Effectively resists oxidative corrosion, being sturdy and durable.



TJ55

HAND PUSH VACUUM CLEANER

● **DUST COLLECTION BAG**

Convenient to pour, easy to disassemble and assemble at any time

● **THICKENED STAINLESS STEEL MATERIAL**

Effectively resists oxidative corrosion, and is sturdy and durable.

● **VARIOUS STRIPPING HEADS**

Strong adaptability to complex environments and complete accessories



Voltage	220V50Hz
Power	5400W
Vacuum suction	26Kpa
Air volume	430m³/h
Dust cleaning method	Manually blow back to clean the dust

Filtering area	25000cm²
Noise	75dba
Suction diameter	40-50mm
Capacity	80L
Weight	32kg
Body size	610*520*950mm

Voltage	380V50Hz
Power	5500W
Vacuum suction	32Kpa
Air volume	560m³/h
Filter area	52400+8000efficientcm²

Noise	74dba
Suction diameter	40-60mm
Capacity	140L
Weight	129k9
Body size	1150*580*1380mm

TJ210S

HAND PUSH VACUUM CLEANER

● **MULTIPLE SUCTION NOZZLES**

Adapt to various environments, making the cleaning process easier

● **REVERSE DUST CLEANING**

Blow out the dust inside the machine to extend its service life

● **THICKENED STAINLESS STEEL MATERIAL**

Effectively resists oxidative corrosion, being sturdy and durable.



TJ210ST

HAND PUSH VACUUM CLEANER

● **MULTIPLE NOZZLES**

Adapts to various environments, making the cleaning process easier

● **REVERSE DUST CLEANING**

Blow out the dust inside the machine to extend its service life

● **THICKENED STAINLESS STEEL MATERIAL**

Effectively resists oxidative corrosion, being sturdy and durable.



Voltage	220V50Hz
Power	5400W
Vacuum suction	26Kpa
Air volume	430m³/h
Dust cleaning method	Manually blow back to clean the dust

Filtering area	25000cm²
Noise	75dba
Suction diameter	40-50mm
Capacity	80L
Weight	32kg
Body size	610*520*950mm

Power source	48V100Ah
Suction width	800mm
Handheld suction	450mm
Work efficiency	3500m²/h
Climbing ability	33°
Working time	2-3h
Filter area	6m²
Filter method	Drum filtration

Suction power	360mbar
Air volume	520m³/h
Dust suction power	1800W
Drive power	1000W
Turning radius	1500mm
Working speed	3-7km/h
Overall dimensions	2100*820*1450mm
Weight	240kg

TJ548CF

HAND PUSH VACUUM CLEANER

- MULTIPLE NOZZLES**
Adapts to various environments, making the cleaning process easier
- REVERSE DUST CLEANING**
Blow out the dust inside the machine to extend its service life
- THICKENED STAINLESS STEEL MATERIAL**
Effectively resists oxidative corrosion, being sturdy and durable.



TJ5010

HAND PUSH VACUUM CLEANER

- DUST COLLECTION BAG**
Convenient to pour, easy to disassemble and assemble at any time
- THICKENED STAINLESS STEEL MATERIAL**
Effectively resists oxidative corrosion, and is sturdy and durable.
- VARIOUS STRIPPING HEADS**
Strong adaptability to complex environments and complete accessories



voltage	220V50Hz
power	5400W
suction	22Kp0
air volume	350m³/H
Filter area	54000cm²
hose length	5m

Capacity	80L
Size	630*510*108mm
Dust cleaning method	Backblowing to clean up dust
Suction port diameter	60mm
Weight	35kg

Voltage	380V50Hz
Power	5500W
Suction	300mbar
Air volume	510m³/H
Noise	72db
Working time	2-3h
Filter area	35400cm2

Capacity	100L
Size	10605801180mm
Dust cleaning method	Reverse blowing for dust cleaning
Suction port diameter	40-60mm
Weight	124kg