JIANMING

ELECTRIC CLEANING VEHICLE CATALOGUE

Practical electric sweeping solutions for professional cleaning applications

PRODUCT CATALOGUE

ELECTRIC SWEEPERS

INDUSTRIAL | COMMERCIAL | MUNICIPAL

COMPANY PROFILE

JIANMING

JIANMING focuses on electric sweeping vehicles and professional cleaning equipment. Our product range supports factories, warehouses, industrial parks, communities, parking areas and municipal roads. We emphasize practical performance, easy operation and responsive support throughout each project.

VERSATILE RANGE

Multiple models for different cleaning areas and operating needs.

PRACTICAL DESIGN

Electric drive, intuitive controls and service-friendly structures.

RESPONSIVE SUPPORT

Assistance with model selection, configuration and product use.

APPLICATIONS

- Factories
- Warehouses
- Industrial Parks
- Municipal Roads
- Communities
- Parking Areas

PROJECT SUPPORT

1. Model Selection
2. Configuration
3. Production
4. Delivery & Support

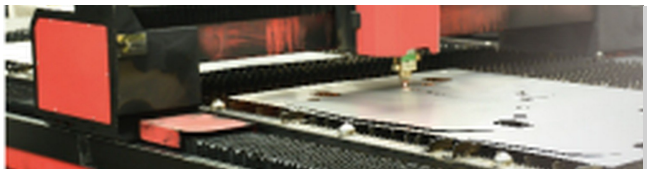
FOUR PROCESSES

PRODUCTION CAPABILITY

WELDING SHOP

ROBOTIC WELDING





STAMPING SHOP

SHEET METAL FORMING

PAINTING SHOP

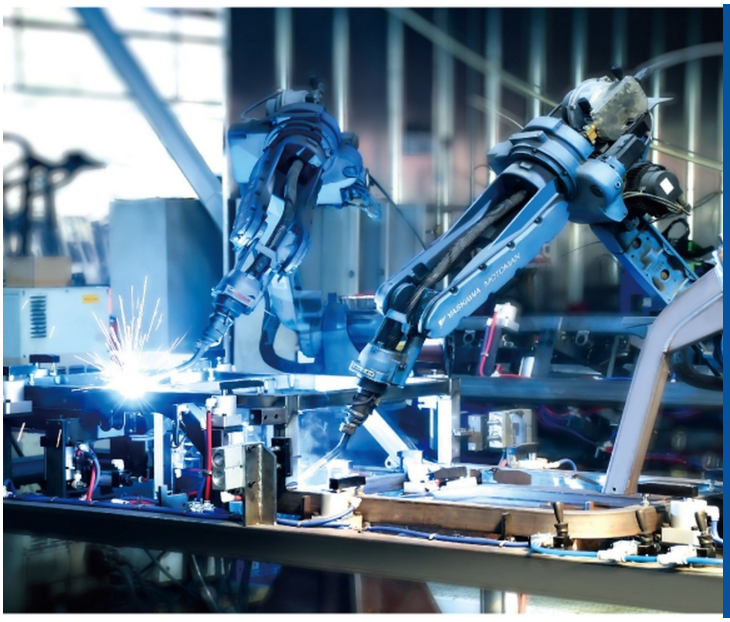
SURFACE COATING





ASSEMBLY SHOP

SWEEPER ASSEMBLY



AUTOMATED FRAME WELDING

Automatic welding equipment supports consistent frame fabrication and repeatable production quality.

Fabrication, cutting, surface preparation and assembly support the production of electric sweeping vehicles.



DETAILS






TECHNICAL SPECIFICATIONS

VEHICLE MODEL **JM-XS16**	OVERALL DIMENSIONS **4,700 x 1,440 x 2,160 mm**
SWEEPING WIDTH **2,300 mm**	WASHING WIDTH **1,100 mm**
WORKING SPEED **<= 6 km/h**	TRAVEL SPEED **<= 28 km/h**
DUSTBIN CAPACITY **1,600 L**	WATER TANK CAPACITY **900 L**
DRIVE MOTOR **72 V / 7,500 W AC motor**	BATTERY **72 V / 300 Ah lithium battery**
FAN POWER **72 V / 5,000 W**	HIGH-PRESSURE PUMP **72 V / 5.5 kW; optional 7.5 kW**
OPERATING TIME **3-7 h**	CHARGING TIME **6-8 h**
CONTROL SYSTEM **Fully electric integrated control**	MAX. GRADEABILITY **15 degrees**



DETAILS



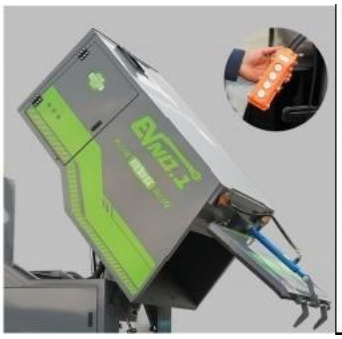



TECHNICAL SPECIFICATIONS

VEHICLE MODEL **JM-5C**	OVERALL DIMENSIONS **4,300 x 2,450 x 2,350 mm**
SWEEPING WIDTH **2,450 mm**	MAX. UNLOADING HEIGHT **2,500 mm**
SUCTION INLET WIDTH **900 mm**	DUSTBIN CAPACITY **1,200 L**
SUCTION MOTOR **60 V / 5,000 W**	WATER TANK CAPACITY **600 L**
DRIVE POWER **60 V / 5,000 W**	HIGH-PRESSURE PUMP **1,500 W**
TRAVEL SPEED **0-17 km/h**	OPERATING TIME **3-6 h**
CONTROL SYSTEM **Smart control; power steering; brake assist**	OPTIONAL EQUIPMENT **Handheld suction hose**



DETAILS








TECHNICAL SPECIFICATIONS

VEHICLE MODEL **JM-4C**	OVERALL DIMENSIONS **3,500 x 2,300 x 2,100 mm**
SWEEPING WIDTH **2,300 mm**	WORKING EFFICIENCY **20,000-32,000 m2/h**
SUCTION INLET WIDTH **800 mm**	MAX. UNLOADING HEIGHT **2,750 mm**
SUCTION MOTOR **60 V / 5,000 W**	DUSTBIN CAPACITY **880 L**
DRIVE POWER **60 V / 3,000 W**	WATER TANK CAPACITY **160 L**
TRAVEL SPEED **12 km/h working; 25 km/h max.**	HIGH-PRESSURE PUMP **1,500 W**
OPERATING TIME **3-5 h**	BATTERY **60 V / 300 Ah lithium battery**
CONTROL SYSTEM **Smart control system**	CHARGING TIME **6-8 h**



DETAILS






TECHNICAL SPECIFICATIONS

VEHICLE MODEL **JM-G480L**	OVERALL DIMENSIONS **3,900 x 2,450 x 2,350 mm**
SWEEPING WIDTH **2,450 mm**	WORKING EFFICIENCY **20,000-35,000 m2/h**
SUCTION INLET WIDTH **900 mm**	DUSTBIN CAPACITY **480 L (2 x 240 L bins; independent lift control)**
SUCTION MOTOR **60 V / 5,000 W**	WATER TANK CAPACITY **600 L**
DRIVE POWER **60 V / 5,000 W**	HIGH-PRESSURE PUMP **1,500 W**
TRAVEL SPEED **0-17 km/h**	OPERATING TIME **3-6 h**
CONTROL SYSTEM **Smart control; power steering; brake assist**	OPTIONAL EQUIPMENT **Handheld suction hose**



DETAILS







TECHNICAL SPECIFICATIONS

VEHICLE MODEL **JM-G240L**	OVERALL DIMENSIONS **3,230 x 2,450 x 2,200 mm**
SWEEPING WIDTH **2,450 mm**	WORKING EFFICIENCY **20,000-32,000 m2/h**
SUCTION INLET WIDTH **800 mm**	DUSTBIN CAPACITY **240 L standard bin**
SUCTION MOTOR **60 V / 5,000 W**	WATER TANK CAPACITY **300 L**
DRIVE POWER **60 V / 3,000 W**	HIGH-PRESSURE PUMP **1,500 W**
TRAVEL SPEED **0-17 km/h**	OPERATING TIME **3-6 h**
CONTROL SYSTEM **Smart control system**	OPTIONAL EQUIPMENT **Handheld suction hose**



DETAILS






TECHNICAL SPECIFICATIONS

VEHICLE MODEL **JM-G25**	OVERALL DIMENSIONS **3,500 x 2,500 x 2,730 mm**
SWEEPING WIDTH **2,500 mm**	WORKING EFFICIENCY **20,000-35,000 m2/h**
MAIN BRUSH WIDTH **800 mm**	DUSTBIN CAPACITY **220 L**
MAIN BRUSH MOTOR **48 V / 1,200 W**	WATER TANK CAPACITY **300 L**
DRIVE POWER **48 V / 2,200 W**	FAN POWER **2 x 500 W**
TRAVEL SPEED **0-14 km/h**	OPERATING TIME **3-6 h**
CONTROL SYSTEM **Smart control system**	HIGH-PRESSURE PUMP **1,500 W**



DETAILS






TECHNICAL SPECIFICATIONS

VEHICLE MODEL **JM-G22D**	OVERALL DIMENSIONS **2,600 x 2,200 x 2,200 mm**
SWEEPING WIDTH **2,200 mm**	WORKING EFFICIENCY **12,000-20,000 m2/h**
MAIN BRUSH WIDTH **800 mm**	DUSTBIN CAPACITY **200 L**
MAIN BRUSH MOTOR **48 V / 1,200 W**	WATER TANK CAPACITY **160 L**
DRIVE POWER **48 V / 1,200 W**	FAN POWER **2 x 500 W**
TRAVEL SPEED **0-14 km/h**	OPERATING TIME **2-6 h**
CONTROL SYSTEM **Smart control system**	HIGH-PRESSURE PUMP **1,500 W**



DETAILS






TECHNICAL SPECIFICATIONS

VEHICLE MODEL **JM-22C**	OVERALL DIMENSIONS **2,600 x 2,200 x 2,200 mm**
SWEEPING WIDTH **2,200 mm**	WORKING EFFICIENCY **12,000-20,000 m2/h**
MAIN BRUSH WIDTH **800 mm**	DUSTBIN CAPACITY **200 L**
MAIN BRUSH MOTOR **48 V / 1,200 W**	WATER TANK CAPACITY **160 L**
DRIVE POWER **48 V / 1,200 W**	FAN POWER **2 x 500 W**
TRAVEL SPEED **0-14 km/h**	OPERATING TIME **2-6 h**
CONTROL SYSTEM **Smart control system**	



DETAILS






TECHNICAL SPECIFICATIONS

VEHICLE MODEL **JM-G22B**	OVERALL DIMENSIONS **2,600 x 2,200 x 2,350 mm**
SWEEPING WIDTH **2,200 mm**	WORKING EFFICIENCY **12,000-20,000 m2/h**
MAIN BRUSH WIDTH **800 mm**	DUSTBIN CAPACITY **200 L**
MAIN BRUSH MOTOR **48 V / 1,200 W**	WATER TANK CAPACITY **200 L**
DRIVE POWER **48 V / 1,200 W**	FAN POWER **2 x 500 W**
TRAVEL SPEED **0-14 km/h**	OPERATING TIME **2-6 h**
CONTROL SYSTEM **Smart control system**	HIGH-PRESSURE PUMP **1,500 W**



DETAILS






TECHNICAL SPECIFICATIONS

VEHICLE MODEL **JM-G21A**	OVERALL DIMENSIONS **2,300 x 2,100 x 2,100 mm**
SWEEPING WIDTH **2,100 mm**	WORKING EFFICIENCY **9,000-16,000 m2/h**
MAIN BRUSH WIDTH **750 mm**	DUSTBIN CAPACITY **190 L**
MAIN BRUSH MOTOR **48 V / 1,000 W**	WATER TANK CAPACITY **160 L**
DRIVE POWER **48 V / 1,000 W**	FAN POWER **500 W**
TRAVEL SPEED **0-14 km/h**	OPERATING TIME **2-6 h**
CONTROL SYSTEM **Smart control system**	HIGH-PRESSURE PUMP **1,200 W**



DETAILS






TECHNICAL SPECIFICATIONS

VEHICLE MODEL **JM-21A**	OVERALL DIMENSIONS **2,300 x 2,100 x 2,100 mm**
SWEEPING WIDTH **2,100 mm**	WORKING EFFICIENCY **9,000-16,000 m2/h**
MAIN BRUSH WIDTH **750 mm**	DUSTBIN CAPACITY **190 L**
MAIN BRUSH MOTOR **48 V / 1,000 W**	WATER TANK CAPACITY **160 L**
DRIVE POWER **48 V / 1,000 W**	FAN POWER **500 W**
TRAVEL SPEED **0-14 km/h**	OPERATING TIME **2-6 h**
CONTROL SYSTEM **Smart control system**	



DETAILS






TECHNICAL SPECIFICATIONS

VEHICLE MODEL **JM-22A**	OVERALL DIMENSIONS **2,400 x 2,200 x 2,050 mm**
SWEEPING WIDTH **2,200 mm**	WORKING EFFICIENCY **10,000-18,000 m2/h**
MAIN BRUSH WIDTH **800 mm**	DUSTBIN CAPACITY **200 L**
MAIN BRUSH MOTOR **48 V / 1,000 W**	WATER TANK CAPACITY **80 L**
DRIVE POWER **48 V / 1,000 W**	FAN POWER **500 W**
TRAVEL SPEED **0-14 km/h**	OPERATING TIME **2-6 h**
CONTROL SYSTEM **Smart control system**	



DETAILS






TECHNICAL SPECIFICATIONS

VEHICLE MODEL **JM-G20B**	OVERALL DIMENSIONS **2,100 x 2,000 x 2,030 mm**
SWEEPING WIDTH **2,000 mm**	WORKING EFFICIENCY **8,000-13,500 m2/h**
MAIN BRUSH WIDTH **700 mm**	DUSTBIN CAPACITY **180 L**
MAIN BRUSH MOTOR **48 V / 1,000 W**	WATER TANK CAPACITY **80 L**
DRIVE POWER **48 V / 1,000 W**	FAN POWER **500 W**
TRAVEL SPEED **0-14 km/h**	OPERATING TIME **2-6 h**
CONTROL SYSTEM **Smart control system**	HIGH-PRESSURE PUMP **1,200 W**



DETAILS









TECHNICAL SPECIFICATIONS

VEHICLE MODEL **JM-20A**	OVERALL DIMENSIONS **2,100 x 2,000 x 2,030 mm**
SWEEPING WIDTH **2,000 mm**	WORKING EFFICIENCY **9,000-16,000 m2/h**
MAIN BRUSH WIDTH **700 mm**	DUSTBIN CAPACITY **180 L**
MAIN BRUSH MOTOR **48 V / 1,000 W**	WATER TANK CAPACITY **80 L**
DRIVE POWER **48 V / 1,000 W**	FAN POWER **500 W**
TRAVEL SPEED **0-14 km/h**	OPERATING TIME **2-6 h**
CONTROL SYSTEM **Smart control system**	



DETAILS






TECHNICAL SPECIFICATIONS

VEHICLE MODEL **JM-G20E**	OVERALL DIMENSIONS **2,400 x 2,050 x 2,060 mm**
SWEEPING WIDTH **2,050 mm**	WORKING EFFICIENCY **9,000-16,000 m2/h**
MAIN BRUSH WIDTH **700 mm**	DUSTBIN CAPACITY **180 L**
MAIN BRUSH MOTOR **48 V / 1,000 W**	WATER TANK CAPACITY **160 L**
DRIVE POWER **48 V / 1,000 W**	FAN POWER **500 W**
TRAVEL SPEED **0-14 km/h**	OPERATING TIME **2-6 h**
CONTROL SYSTEM **Smart control system**	HIGH-PRESSURE PUMP **1,200 W**



DETAILS






TECHNICAL SPECIFICATIONS

VEHICLE MODEL **JM-20E**	OVERALL DIMENSIONS **2,400 x 2,050 x 2,060 mm**
SWEEPING WIDTH **2,050 mm**	WORKING EFFICIENCY **9,000-16,000 m2/h**
MAIN BRUSH WIDTH **700 mm**	DUSTBIN CAPACITY **180 L**
MAIN BRUSH MOTOR **48 V / 1,000 W**	WATER TANK CAPACITY **160 L**
DRIVE POWER **48 V / 1,000 W**	FAN POWER **500 W**
TRAVEL SPEED **0-14 km/h**	OPERATING TIME **2-6 h**
CONTROL SYSTEM **Smart control system**	



DETAILS







TECHNICAL SPECIFICATIONS

VEHICLE MODEL **JM-16A (Five-Brush)**	OVERALL DIMENSIONS **2,400 x 2,200 x 2,000 mm**
SWEEPING WIDTH **2,200 mm**	WORKING EFFICIENCY **9,000-16,000 m2/h**
MAIN BRUSH WIDTH **700 mm**	DUSTBIN CAPACITY **180 L**
MAIN BRUSH MOTOR **48 V / 1,000 W**	WATER TANK CAPACITY **80 L**
DRIVE POWER **48 V / 1,000 W**	FAN POWER **500 W**
TRAVEL SPEED **0-14 km/h**	OPERATING TIME **2-6 h**
CONTROL SYSTEM **Smart control system**	



DETAILS







TECHNICAL SPECIFICATIONS

VEHICLE MODEL **JM-16A**	OVERALL DIMENSIONS **1,800 x 1,580 x 2,000 mm**
SWEEPING WIDTH **1,580 mm**	WORKING EFFICIENCY **9,000-15,000 m2/h**
MAIN BRUSH WIDTH **700 mm**	DUSTBIN CAPACITY **180 L**
MAIN BRUSH MOTOR **48 V / 1,000 W**	WATER TANK CAPACITY **80 L**
DRIVE POWER **48 V / 1,000 W**	FAN POWER **500 W**
TRAVEL SPEED **0-14 km/h**	OPERATING TIME **2-4 h**
CONTROL SYSTEM **Smart control system**	



DETAILS



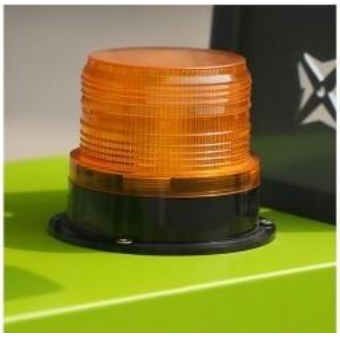



TECHNICAL SPECIFICATIONS

VEHICLE MODEL **JM-14C**	OVERALL DIMENSIONS **2,200 x 1,400 x 1,480 mm**
SWEEPING WIDTH **1,400 mm**	WORKING EFFICIENCY **9,000-15,000 m2/h**
MAIN BRUSH WIDTH **700 mm**	DUSTBIN CAPACITY **180 L**
MAIN BRUSH MOTOR **48 V / 1,000 W**	WATER TANK CAPACITY **80 L**
DRIVE POWER **48 V / 800 W**	FAN POWER **500 W**
TRAVEL SPEED **0-40 km/h (high/low speed modes)**	OPERATING TIME **2-4 h**
CONTROL SYSTEM **Smart control system**	



DETAILS






TECHNICAL SPECIFICATIONS

VEHICLE MODEL **JM-14A**	OVERALL DIMENSIONS **1,580 x 1,400 x 1,420 mm**
SWEEPING WIDTH **1,400 mm**	WORKING EFFICIENCY **10,000 m2/h**
MAIN BRUSH WIDTH **600 mm**	DUSTBIN CAPACITY **100 L**
MAIN BRUSH MOTOR **48 V / 1,000 W**	WATER TANK CAPACITY **80 L**
DRIVE POWER **48 V / 650 W**	FAN POWER **500 W**
TRAVEL SPEED **0-14 km/h**	OPERATING TIME **2-4 h**
CONTROL SYSTEM **Smart control system**	

JM-1280B

COMPACT RIDE-ON ELECTRIC SWEEPER



DETAILS





TECHNICAL SPECIFICATIONS

VEHICLE MODEL
JM-1280B

RATED CREW
1 person

MACHINE WEIGHT
300 kg

MACHINE DIMENSIONS
1,550 × 1,280 × 1,150 mm

OPERATING SPEED
5-14 km/h

CLEANING EFFICIENCY
8,000 m²/h

WORKING TIME
2-4 h

WATER TANK CAPACITY
60 L

DUSTBIN CAPACITY
80 L

SWEEPING WIDTH
1,280 mm

SIDE BRUSH DIAMETER
500 mm

VACUUM FILTRATION AREA
5 m²

BATTERY CAPACITY
48 V / 45 Ah

DRIVE MOTOR
48 V / 600 W

ROLLER BRUSH MOTOR
48 V / 650 W

SIDE BRUSH MOTORS
48 V / 100 W × 2

CHARGER
220 V smart charger

CHARGING TIME
6-8 h

BATTERY TYPE
Maintenance-free lead-acid

BATTERY OPTION
Lithium battery



DETAILS






TECHNICAL SPECIFICATIONS

VEHICLE MODEL **Four-Brush Leaf Collection Sweeper**	OVERALL DIMENSIONS **4,000 x 2,000 x 1,860 mm**
SWEEPING WIDTH **2,000 mm**	WORKING EFFICIENCY **20,000-35,000 m2/h**
SUCTION PIPE DIAMETER **180 mm**	COLLECTION BOX CAPACITY **0.6 m3**
LEAF SUCTION MOTOR **1,500 W**	WATER TANK CAPACITY **80 L**
DRIVE POWER **1,200 W**	MOTOR VOLTAGE **48-60 V**
TRAVEL SPEED **20-42 km/h**	OPERATING TIME **2-4 h**
CONTROL SYSTEM **Smart control system**	

JM-X700

COMPACT DUAL-BRUSH RIDE-ON FLOOR SCRUBBER



DETAILS





TECHNICAL SPECIFICATIONS

VEHICLE MODEL **JM-X700**	TRAVEL SPEED **0-6 km/h**
RATED VOLTAGE **DC 24 V**	MAXIMUM GRADEABILITY **15%**
CLEANING EFFICIENCY **4,500 m²/h**	CLEAN WATER TANK CAPACITY **80 L**
CLEANING WIDTH **700 mm**	RECOVERY TANK CAPACITY **100 L**
SQUEEGEE WIDTH **1,000 mm**	NOISE LEVEL **<= 60 dB(A)**
BRUSH SPEED **180 rpm**	MACHINE DIMENSIONS **1,440 × 1,000 × 1,170 mm**
BRUSH MOTOR POWER **550 W × 2**	BATTERY PACK **2 × DC 12 V, 100 Ah**
VACUUM MOTOR POWER **600 W**	CONTINUOUS OPERATING TIME **3-5 h**
DRIVE MOTOR POWER **700 W**	MACHINE WEIGHT **165 kg**

JM-X500

WALK-BEHIND FLOOR SCRUBBER



DETAILS





TECHNICAL SPECIFICATIONS

VEHICLE MODEL	**JM-X500**
RATED VOLTAGE	**DC 24 V**
CLEANING EFFICIENCY	**2,500 m²/h**
CLEANING WIDTH	**500 mm**
SQUEEGEE WIDTH	**830 mm**
BRUSH SPEED	**180 rpm**
BRUSH MOTOR POWER	**550 W**
VACUUM MOTOR POWER	**500 W**
CLEAN WATER TANK CAPACITY	**55 L**
RECOVERY TANK CAPACITY	**65 L**
CONTINUOUS OPERATING TIME	**3-4 h**
MACHINE DIMENSIONS	**1,260 × 830 × 1,120 mm**
BATTERY CAPACITY	**2 × DC 12 V, 100 Ah**
MACHINE WEIGHT	**80 kg**