

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

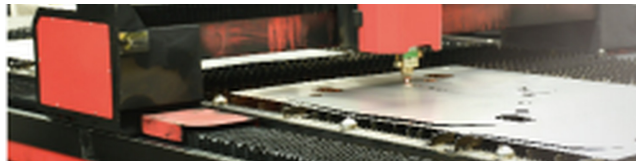
Delivery & Support

FACTORY TOUR

FOUR PROCESSES PRODUCTION CAPABILITY

WELDING SHOP

ROBOTIC WELDING



STAMPING SHOP

SHEET METAL FORMING



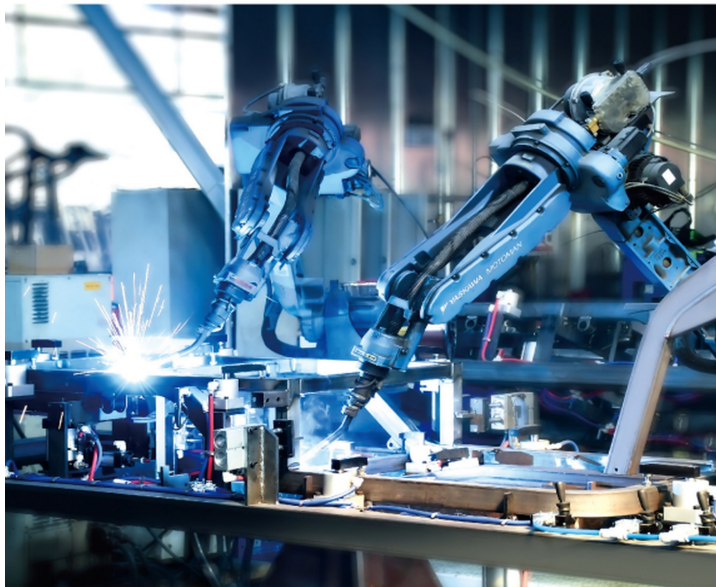
PAINTING SHOP

SURFACE COATING



ASSEMBLY SHOP

SWEEPER ASSEMBLY



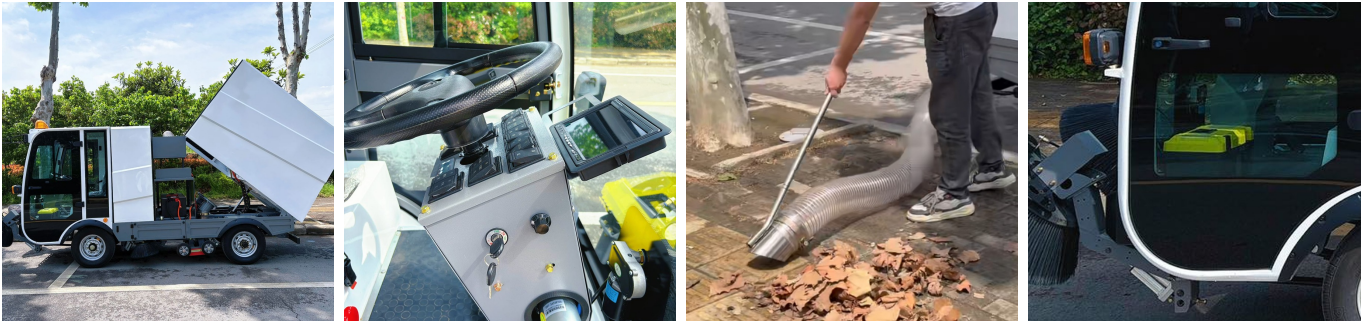
AUTOMATED FRAME WELDING

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	OVERALL DIMENSIONS
JM-XS16	4,700 x 1,440 x 2,160 mm
SWEEPING WIDTH	WASHING WIDTH
2,300 mm	1,100 mm
WORKING SPEED	TRAVEL SPEED
<= 6 km/h	<= 28 km/h
DUSTBIN CAPACITY	WATER TANK CAPACITY
1,600 L	900 L
DRIVE MOTOR	BATTERY
72 V / 7,500 W AC motor	72 V / 300 Ah lithium battery
FAN POWER	HIGH-PRESSURE PUMP
72 V / 5,000 W	72 V / 5.5 kW; optional 7.5 kW
OPERATING TIME	CHARGING TIME
3-7 h	6-8 h
CONTROL SYSTEM	MAX. GRADEABILITY
Fully electric integrated control	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	OVERALL DIMENSIONS
JM-4C	3,500 x 2,300 x 2,100 mm
SWEEPING WIDTH	WORKING EFFICIENCY
2,300 mm	20,000-32,000 m2/h
SUCTION INLET WIDTH	MAX. UNLOADING HEIGHT
800 mm	2,750 mm
SUCTION MOTOR	DUSTBIN CAPACITY
60 V / 5,000 W	880 L
DRIVE POWER	WATER TANK CAPACITY
60 V / 3,000 W	160 L
TRAVEL SPEED	HIGH-PRESSURE PUMP
12 km/h working; 25 km/h max.	1,500 W
OPERATING TIME	BATTERY
3-5 h	60 V / 300 Ah lithium battery
CONTROL SYSTEM	CHARGING TIME
Smart control system	6-8 h



DETAILS



TECHNICAL SPECIFICATIONS

VEHICLE MODEL
JM-G480L

SWEEPING WIDTH
2,450 mm

SUCTION INLET WIDTH
900 mm

SUCTION MOTOR
60 V / 5,000 W

DRIVE POWER
60 V / 5,000 W

TRAVEL SPEED
0-17 km/h

CONTROL SYSTEM
Smart control; power steering; brake assist

OVERALL DIMENSIONS
3,900 x 2,450 x 2,350 mm

WORKING EFFICIENCY
20,000-35,000 m2/h

DUSTBIN CAPACITY
480 L (2 x 240 L bins; Independent lift control)

WATER TANK CAPACITY
600 L

HIGH-PRESSURE PUMP
1,500 W

OPERATING TIME
3-6 h

OPTIONAL EQUIPMENT
Handheld suction hose



DETAILS



TECHNICAL SPECIFICATIONS

VEHICLE MODEL
JM-G240L

SWEEPING WIDTH
2,450 mm

SUCTION INLET WIDTH
800 mm

SUCTION MOTOR
60 V / 5,000 W

DRIVE POWER
60 V / 3,000 W

TRAVEL SPEED
0-17 km/h

CONTROL SYSTEM
Smart control system

OVERALL DIMENSIONS
3,230 x 2,450 x 2,200 mm

WORKING EFFICIENCY
20,000-32,000 m²/h

DUSTBIN CAPACITY
240 L standard bin

WATER TANK CAPACITY
300 L

HIGH-PRESSURE PUMP
1,500 W

OPERATING TIME
3-6 h

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



DETAILS



TECHNICAL SPECIFICATIONS

VEHICLE MODEL JM-1360A	OVERALL DIMENSIONS 1,600 x 1,360 x 1,200 mm
SWEEPING WIDTH 1,360 mm	WORKING EFFICIENCY 8,000 m2/h
MAIN BRUSH WIDTH 490 mm	DUSTBIN CAPACITY 80 L
MAIN BRUSH MOTOR 48 V / 600 W	WATER TANK CAPACITY 60 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	



DETAILS



TECHNICAL SPECIFICATIONS

VEHICLE MODEL
Four-Brush Leaf Collection Sweeper

SWEEPING WIDTH
2,000 mm

SUCTION PIPE DIAMETER
180 mm

LEAF SUCTION MOTOR
1,500 W

DRIVE POWER
1,200 W

TRAVEL SPEED
20-42 km/h

CONTROL SYSTEM
Smart control system

OVERALL DIMENSIONS
4,000 x 2,000 x 1,860 mm

WORKING EFFICIENCY
20,000-35,000 m²/h

COLLECTION BOX CAPACITY
0.6 m³

WATER TANK CAPACITY
80 L

MOTOR VOLTAGE
48-60 V

OPERATING TIME
2-4 h