



Complete Solution for Garbage Transportation

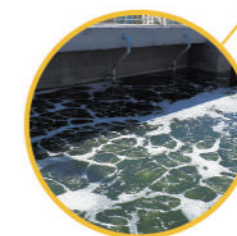
垃圾收转运成套方案



压缩式垃圾车
Compressed Garbage Truck
收集城镇居民生活垃圾和其他可压缩垃圾。
Collect domestic garbage and other compressible garbage.



车厢可卸式垃圾车
Detachable Container Garbage Truck
收集运输散装垃圾，还可与垃圾转运站配套使用。
Collect and transport bulk waste, or support the use of refuse transfer station.



吸污车
Sewage Suction Truck
吸排及运输污水、粪便、泥浆等液体，农村排灌。
Suction and transportation of sewage, manure, mud and other liquids, rural irrigation and drainage.

压缩式垃圾车 Compressed Garbage Truck

垃圾收集、压缩、转运优选车辆，单一系列即可完成收转运全流程。采用全密封设计并精心匹配污水箱，实现自行压缩与卸料过程完全杜绝二次污染。适用范围广，多见于居民小区、街道、校园等地方的垃圾清运。

It is the preferential vehicle for garbage collection, compression and transportation, and single series can complete the whole process of collection and transportation. Full-sealing design is adopted and drain tank is elaborately set, which can realize automatic compression and unloading process and put an end to secondary pollution. It has wide applicable scope, and it is mainly used for garbage collection and transportation in residential quarters, streets and campus, etc.



技术亮点 Technical Highlights

1/ 高压比, 装填较快 High Compression Ratio, Fast Loading Speed

运用双向压缩设计理念, 配合徐工优质液压系统和先进压装结构, 保证不同成分垃圾被压力均匀覆盖, 同时实现整个车厢无死角、无空隙、无阻塞, 实现垃圾体积减量66.67%, 同等车厢容积下垃圾装载量提升20%左右。

The design idea of bidirectional compression, XCMG high quality hydraulic system and advanced press-loading structure is adopted; it can guarantee that different garbage is uniformly covered by pressure, the whole container has no dead corner, gap or blockage phenomenon, which can make the garbage volume reduced by 66.67%. The garbage loading capacity is increased by about 20% under the same container volume condition.

2/ 降噪噪音, 杜绝污染 Reduce Noise, Eliminate Pollution

“用绿色制造绿色”制造理念, 杜绝任何形式的二次污染。与国内著名高校联手严控噪音, 还小区安详、静谧夜晚; 遍布作业机构全身的密封机构, 锁住垃圾的同时杜绝气、液跑漏, 彻底解决垃圾车在压缩装填和运输时的二次污染问题。

The manufacturing idea of “make green with green” is adopted to put an end to secondary pollution of any form. Cooperation with domestic famous universities and colleges to strictly control the noise, letting residents enjoy a serene night. There are various sealing mechanism to lock the garbage and prevent leakage of gas and liquid, utterly solving the problem of secondary pollution during compression, loading and transportation.

3/ 智能遥控, 作业舒适 Intelligent Control, Comfortable Operation

延伸产品控制系统神经末梢, 可选配无线遥控器进行作业, 实现工作人员与生活垃圾“零接触”。

Extend the nerve ending of product control system; wireless remote controller is optional for operation, realizing “zero contact” between operator and domestic garbage.

主要技术参数 Main Technical Parameters

参数 Parameters	单位 Unit	XZJ5070ZYSD5	XZJ5080ZYSD5	XZJ5120ZYSD5
最大总质量Max. Total Weight	kg	7300	8200	12495
额定载质量Rated Payload	kg	2080	2595	3700
最高车速Max. Speed	km/h	110	80	98
外形尺寸Overall Dimension	mm	6750x1950x2400	6830x2050x2450	7860x2470x2990
垃圾箱有效容积Volume of Dustbin	m ³	6	6	10
填料器料斗容积Volume of Bucket	m ³	1.1	1.1	1.75
投料口离地高度Height of Feeder-nose above Ground	mm	990	1040	1040
投料口宽度Width of Feeder-nose	mm	1430	1430	1680
污水箱容积Sewage Tank Volume	L	200+85	200+85	350+228
压缩循环时间Compression Cycle Time	s	14-16	14-16	16-18
推卸垃圾时间Discharging Time	s	≤25	≤25	≤25

参数 Parameters	单位 Unit	XZJ5180ZYSD5	XZJ5250ZYSD5
最大总质量Max. Total Weight	kg	18000	25000
额定载质量Rated Payload	kg	8205/8270	10300/10235
最高车速Max. Speed	km/h	98	90
外形尺寸Overall Dimension	mm	8460x2500x2990	10115x2500x3380
垃圾箱有效容积Volume of Dustbin	m ³	12.5	19
填料器料斗容积Volume of Bucket	m ³	1.75	2.6
投料口离地高度Height of Feeder-nose above Ground	mm	1040	1225
投料口宽度Width of Feeder-nose	mm	1680	2000
污水箱容积Sewage Tank Volume	L	350+228	360
压缩循环时间Compression Cycle Time	s	16-18	18-20
推卸垃圾时间Discharging Time	s	≤25	≤25

车厢可卸式垃圾车

Detachable Container Garbage Truck

垃圾收转运高灵活、多用途车辆。具有拉臂装置实现一车可配多箱，提高单车利用率。除散装垃圾的收集运输外，中大吨位产品(5-35吨位)还可与水平固体分体式垃圾转运站配套使用，实现多种用途。

It is high-flexibility and multi-purpose vehicle for garbage collection and transportation. Pulling arm is set and multiple containers can be optional for one vehicle, which improves the utilization ratio of single truck. Besides collection and transportation of bulk waste, medium and large-tonnage product (5-35 t) also can be used together with horizontal solid split type refuse transfer station, realizing multiple purposes.



技术亮点 Technical Highlights

1/ 行业标准, 匠心品质 Industrial Standards, Excellent Quality

作为行业标准的起草单位之一，徐工车厢可卸式垃圾车产品覆盖直臂、摆臂、滑移臂、复合臂四大系列，提升能力覆盖1吨至26吨，是行业内种类最全的生产厂家之一。同时与国内著名高校联手开发拉臂式自装卸装置结构分析软件，重点平衡成本及工艺等要素，匠心品质设计最优的铰点方案。

As one of the units drafting industrial standards, XCMG detachable container garbage truck has four series: straight arm, swing arm, sliding arm and composite arm; the hoisting capacity is from 1 t to 26 t, and the enterprise is one of the manufacturers that produce the most complete types of products in the industry. Meanwhile, it cooperates with domestic famous universities and colleges to develop pulling arm type self-loading and unloading device structure analysis software, mainly balancing such elements as cost and process, realizing high quality and optimal scheme.

2/ 一车多箱, 一键操作 Multi-container for One Truck, One Key Operation

一车可配多箱，提高车辆利用率，减少返程空载浪费。整个动作过程采用先进理念的逻辑控制回路，一个按钮就能实现所需动作。

Multiple containers can be set for one truck, which can improve the utilization ratio of vehicle and reduce no-load waste. Advanced logic control circuit is adopted for the whole action process, and one-key operation is realized.

3/ 智慧联控, 便利可靠 Intelligent Joint Control, Convenient Reliability

采用电液联合控制技术，简化了电路并实现安全互锁功能，确保在电控及手控时均可使运动互锁，安全可靠的同时为故障处理提供便利。箱体锁采用液压锁紧方式，操作便捷。

Electric-hydraulic joint control technology is adopted; circuit is simplified and safe interlocking function is realized, which can ensure motion interlocking during electrical control and manual control. It is convenient for troubleshooting while safety and reliability is guaranteed. Hydraulic locking is adopted for the container lock, and it is convenient for operation.

4/ 选装配件, 提高保障 Select Mountings, Improve Protection

可配备后支撑安全装置，拥有自检功能保证其有效工作，提高整车作业安全性。

Rear-support safety device is optional; self-checking function is available to guarantee the effective work, improving the operation safety of the complete vehicle.

主要技术参数 Main Technical Parameters

参数 Parameters	单位 Unit	XZJ5120ZXXD5	XZJ5160ZXXD5	XZJ5250ZXXD5	XZJ5310ZXXZ5
最大总质量Max. Total Weight	kg	12495	15800	25000	31000
整备质量Curb Weight	kg	6450/6090	7150/7600	11680	13800
最高车速Max. Speed	km/h	98	90	90	82
外形尺寸Overall Dimension	mm	6540x2490x3040	6530/7320x2490x3040	8350x2500x3140	9270/9570x2500x3180
轴距Wheelbase	mm	3800	3800/4500	4350+1350	3500+1350/3800+1350
拉臂钩额定提升能力Max. Lifting Capacity	kg	6000	14000	20000	26000
上箱作业时间Hooking Time	s	≤60	≤60	≤60	≤60
卸箱作业时间Unloading Time	s	≤60	≤60	≤60	≤60
自卸角Dump Angle	°	48	48	52	52
匹配箱体尺寸Matching Box Dimension	mm	4045x2300x1700 XTY10A	4250 × 2320 × 1880 XTY 10A/4347 × 1820 × 2100 XTY 12A/4618 × 1857 × 2100 XTY12B	5850 × 2320 × 2250 XTY 20C/5850 × 2320 × 2250 XTY 20B/6150 × 2320 × 2250 XTY22B	2700 × 6950 × 2320 XTY30A/2700 × 6950 × 2320 XTY30B
匹配箱体质量Matching Box Weight	mm	1670	2477/2949/2956	4991/497 0/5162	6039/6019
匹配箱体规格Matching Box Specification	m ³	10	10/12/12	20/20/22	30/30
钩臂型号Arm-hook Model	单位 Unit	LBH10A	LBH14B	LBH20B	LBH26C
钩心高度Height of Hook Center	mm	1570	1570	1570	1570
钩臂整体高度Overall Height of Arm-hook	mm	1995	2003	2090	2076
钩臂卸料最大高度Max. Height of Unloading Garbage	mm	4262	4252	5679	5983
臂架总长Overall Length of Arm Support	mm	4217	4220	6429	6700
钩心到后滚轮距离Distance between hook center and rear roller wheel	mm	3650	3650	5300	6000
钩心到锁紧架的距离Distance between hook center and lock frame	mm	3280	3300	4775	5530
滑移量/摆动量Slipping/Oscillating Quantity	mm	600	750	1100	1300
倾斜角Dump Angle	°	50.1	49.8	59	46.9
后滚轮导入宽度Entry Width of Rear Roller Wheel	mm	1070	1070	1070	1070

吸污车 Sewage Suction Truck

专业用于下水道、雨水井、化粪池及各种沟渠的吸污清污作业，以及石油、钢铁、化工等行业的污水淤积物的抽吸、装运和排卸作业。

It is specially used for sewage suction for sewer, catch basin, septic tank and various channels, as well as suction, loading & transportation and discharge for sewage deposits in such industries as petroleum, steel and chemical industry.



技术亮点 Technical Highlights

1/ 功能集成，高效环保 Integrated Function, High Efficiency

具有真空抽吸、压力排放和自流排放三种功能，管路设计新颖先进，便于安装和维修，使操作大大简化。选用一线品牌真空泵，亦可采用双泵合流工作，满罐仅需要12min。

Three functions are available: vacuum suction, pressure discharge and self-flow discharge; the advanced pipeline design and novel which is convenient for installation and repair and simplifies the operation. Vacuum pump of well-known brand is used; dual-pump flow-converging also can be adopted; only 12 min is needed for filling it.

2/ 防溢装置，安全可靠 Anti-overflow Device, Reliable Safety

罐体顶部出口安装有防液体溢出装置控制器，当液体达到额定范围时控制器浮球立即封闭真空管理，防止液体溢出进入真空泵。独创剪刀式举升机构，卧于罐体底部，提升空间利用率，稳定性更高。

Controller of anti-overflow device is installed at the outlet of tank top; the floating ball of controller will immediately seal for vacuum management when the liquid reaches the nominal range, so as to prevent liquid overflowing into the vacuum pump. The unique scissor type lifting mechanism lies at the tank bottom, which improves the space utilization ratio and realizes higher stabilization.

3/ 优质罐体，经久耐用 Superior Tank, Durable in Use

罐体选用优质碳素钢板，采用专用罐体生产线制作，具有良好的承压性能。后门开启达到45°，选装自清洁装置，便于排污及日常维护。

The tank is made of superior carbon steel through specific product line, and with bearing pressure performance. Rear door can be opened to 45°; self-cleaning device is optional, and it can facilitate the pollution discharge and routine maintenance.

主要技术参数 Main Technical Parameters

参数 Parameters	单位 Unit	XZJ5120GXWD5	XZJ5180GXWD5
最大总质量 Max. Total Weight	kg	12495	18000
额定载质量 Rated Payload	kg	5005	9715
最高车速 Max. Speed	km/h	98	98
外形尺寸 Overall Dimension	mm	7110x2430x3050	7810x2460x3400
最大卸料角 Max. Discharging Angle	°	45	45
罐体有效容积 Tank Volume	m ³	6.5	12.3
罐体尺寸 (长x直径) Tank Dimension (Length x Diameter)	mm	4300x1500	4500x1700
抽吸管直径 Suction Diameter	mm	100	100
最大抽吸深度 Depth of Suction	m	7	7
真空泵抽气速率 Speed Ratio of Suction	m ³ /h	244	244



Complete Solution for Road Cleaning

道路保洁成套设备



湿式扫路车
Wet-type Road Sweeper
消灭道路垃圾
Eliminate road waste



洗扫车
Sprinkler-sweeper Truck
消灭道路垃圾
Eliminate road waste



高压清洗车
High-pressure Cleaning Tanker
多功能清洗、洒水降尘、绿化浇灌
Multi-functionally clean, spray for dust suppression, water plants



低压清洗车
Low-pressure Cleaning Tanker
清洗路面、绿化浇灌花木草坪
Clean road, water plants



多功能抑尘车
Multifunctional Dust Suppression Vehicle
抑制城市雾霾
Control urban thick haze

湿式扫路车 Wet-type Road Sweeper

主要采用吸扫结合、湿式降尘的方式进行清扫作业，广泛用于高速公路、城市主干道、机场、码头等的机械化清扫保洁作业。

Suction-sweeping combination and wet-type dustfall is adopted for cleaning; and the product is widely applied to mechanical cleaning of expressway, urban main road, airport and dock.



技术亮点 Technical Highlights

1/ 专利风机，吸力更强 Patented Fan, Powerful Suction

配备独家专利的专用高效风机，综合性能提升35%，作业能耗最高降低28%。通过优化滚扫转速与清扫车速匹配以及优化吸盘结构，提高轻质垃圾、大块垃圾及石子等颗粒状垃圾的吸拾效率，清扫效率可达99%以上。

The special high efficiency fan with exclusive patent is set and the comprehensive performance is improved by 35%. The energy consumption for operation is reduced by 28% at maximum. By optimizing the matching ability between rotate speed of rolling sweep and road sweeping speed, suction capacity of light waste, bulk waste and stones is improved and cleaning efficiency can reach more than 99%.

2/ 扫刷快换，寿命更长 Quick-change Sweeper, Longer Service Life

依托徐工国家级研发中心，细化扫刷材料结构分析，神秘配方实现使用寿命较竞品提升60%以上。同时设计快换接口，一推一拉之间轻松更换扫刷。

Depending on the national level R & D center of XCMG, detailed structural analysis is performed for sweeper material and secret formula makes the service life improved by above 60% (compared with competitive product). Quick-change interface is designed to realize convenient quick-change of sweeper.

3/ PTO驱动，稳定高效 PTO Driving, Stable and Efficient

副发动机通过PTO直驱液泵，提高传递效率，节省油耗，减少故障率，从而进一步减轻用户使用成本。

Deputy engine drives fluid pump by PTO to increase transfer efficiency, save fuel consumption and reduce failure rate, minimizing facility costs.

4/ 箱体特制，更大续航 Unique Tank, Strong Endurance

特制不锈钢箱体，精密耐腐蚀。整车设有独立水箱及集成水箱，单次加水作业时间长，可满足用户长距离作业需求。

The unique stainless steel tank body is precise and corrosion resistant. Independent water tank and integrated water tank is set for the complete vehicle; the working hours are large after the tank is filled with water, which can meet the long-distance operation needs.

5/ 智能控制，实时监测 Intelligent Control, Real-time Supervision

采用CAN总线智能控制技术实现一键式操控，通过屏幕实时掌握车辆工况、作业参数、故障信息等，并有监控等视频功能使作业状态一目了然。

CAN bus intelligent control technology is adopted to realize one-key operation and control; the operation conditions, working parameters and fault information of vehicle can be controlled at real-time via the screen, and video function (such as monitoring) is available.

主要技术参数 Main Technical Parameters

参数 Parameters	单位 Unit	XZJ5071TSLQ5	XZJ5081TSLJ5
最大总质量 Max. Total Weight	kg	7300	8210
额定载质量 Rated Payload	kg	2090	1715
最高车速 Max. Speed	km/h	100	100
外形尺寸 Overall Dimension	mm	5730x1980/2080x2520	6800x2200x2670
清扫宽度 Sweeping Width	m	3	3.1
清扫速度 Sweeping Speed	km/h	3-15	3-15
保洁速度 Speed of Road Cleaning	km/h	3-20	3-20
最大清扫能力 Max. Sweeping Ability	m ² /h	60000	62000
垃圾箱容积 Dustbin Volume	m ³	5	5.5
清水箱容积 Solution Tank Volume	m ³	1.3	2.5
清扫效率 Sweeping Efficiency	%	≥94	≥97
举升角度 Lifting Angle	°	46	48

洗扫车 Sprinkler-sweeper Truck

整合传统扫路车和清洗车(清扫、清洗路面),集路面清洗清扫、喷雾降尘等多功能于一身,广泛适用于城市道路、高速公路、广场、机场、码头、隧道、桥梁等场合的清洁作业。

It integrates traditional sweeper truck and sprinkler truck (road sweeping, cleaning); and the product integrates multiple functions, such as road cleaning and sweeping, sprinkling and dustfall. The product is widely applicable to the cleaning of urban roads, expressway, square, airport, dock, tunnel and bridge, etc.



技术亮点 Technical Highlights

1/ 专利风机, 吸力更强 Patented Fan, Powerful Suction

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Depending on the national level R & D center of XCMG, detailed structural analysis is performed for sweeper material and secret formula makes the service life improved by above 60% (compared with competitive product). Quick-change interface is designed to realize convenient quick-change of sweeper.

3/ 高效学习, 更懂用户 Learn Effectively, Understand Users

拥有工作记忆储存功能, 学习掌握用户作业习惯, 简化用户操作步骤。

The product has operation memory function and control user's operation habits, which simplifies user's operation steps.

4/ 定速巡航, 舒适驾乘 Cruise Control, Comfortable Driving

底盘具有定速巡航的功能, 匀速作业可有效保证清扫效果、降低电耗, 大幅提升工作效率及安全性能。

The chassis has cruise control function; operation at a constant speed can effectively guarantee the cleaning effect, reduce electric power consumption, and largely improve the work efficiency and safety performance.

5/ 路面保洁, 一个就够 Road Cleaning, One Enough

功能多样, 匹配不同路面保洁需求, 如洒水、冲洗、扫路、清洗、降尘等功能。同时配有高压水枪可对道路卫生死角及车辆自身进行清洁作业。

Diversified functions can meet different road cleaning requirements: sprinkling, rinsing, sweeping, cleaning, dustfall, etc. Meanwhile, high pressure water jet is provided for cleaning of road sanitary dead angle and vehicle.

主要技术参数 Main Technical Parameters

参数 Parameters	单位 Unit	XZJ5180TXSD5
最大总质量 Max. Total Weight	kg	18000
额定载质量 Rated Payload	kg	5625
最高车速 Max. Speed	km/h	98
外形尺寸 Overall Dimension	mm	8680x2490x3100
清扫宽度 Sweeping Width	m	3.5
清扫速度 Sweeping Speed	km/h	3-15
保洁速度 Speed of Road Cleaning	km/h	3-20
最大洗扫宽度 Max. Width of Sprinkling Sweeping	mm	4.1
洗扫速度 Speed of Sprinkling Sweeping	km/h	3-10
最大清扫能力 Max. Sweeping Ability	m ² /h	70000
垃圾箱容积 Dustbin Volume	m ³	7
清水箱容积 Solution Tank Volume	m ³	9
清扫效率 Sweeping Efficiency	%	97
举升角度 Lifting Angle	°	48
低压冲洗宽度 Low-pressure Flushing Width	m	24

高压清洗车

High-pressure Cleaning Tanker

拥有高、低压两套独立水路系统，高压用于清洗路面、路缘、人行道及护栏隔离区，低压用于洒水降尘、绿化浇灌。使用高压喷枪还可清洗路标、广告牌、高架路等。

There are two sets of independent water channel system: high and low pressure; high pressure is used for cleaning of road surface, curb, sidewalk and guard bar separation area; and low pressure is used for water spraying for dustfall and watering for green area. High pressure spray gun can be used for cleaning of road sign, advertising board and elevated road.



技术亮点 Technical Highlights

1/ 高成低就，实力清洗 Diversified Application, Powerful Cleaning

高压系统充分利用高压水流的动能，以高压力、低流量的方式清洗路面脏污，高效省水。低压系统具有路面洒水、降温、除尘、冲洗尘埃污物、路面养护、园林浇灌及应急消防等功能。

The high pressure system can sufficiently utilize the kinetic energy of high pressure water flow to clean road surface by high pressure and low flow, which is highly effective and water-saving. The low pressure system has such functions as water spraying, road cooling and dustfall, washing of dust and dirt, road maintenance, garden watering and emergency fire fighting, etc.

2/ 更大水罐，能力更强 Larger Water Tank, Strong Capacity

8吨级产品设置有效容积为9.1立方米椭圆形水罐，管内设置防波板可降低水的冲击。最高清洗压力达到13MPa，最大清洗宽度达3.5m，清洗水流量达到150L/min。

Elliptic water tank with effective volume of 9.1 m³ is set for 8-tonnage product. Swash plate set inside pipe can reduce the impact from water. The maximum cleaning pressure reaches 13MPa; the maximum cleaning width reaches 3.5m, and the water flow for cleaning reaches 150L/min.

3/ 灵活操控，适应性强 Flexible Operation, High Adaptability

具有前喷、对冲、后洒水冲洗等模式，各清洗点驾驶室均可单独控制，提高了操作灵活性及对具体工况的适应性。

There are multiple modes: front-spray, opposite-flushing, rear-sprinkling and flushing; the cleaning points can be separately controlled in cab, which improves the operation flexibility and adaptability to specific working conditions.

4/ 安全保障，可靠运行 Safety Guarantee, Reliability Operation

清水箱装有低水位报警装置和水泵缺水保护互锁装置，防止高压水泵缺水损坏。

Low level alarm device and pump water-deficient protection and interlocking device is installed for clear water tank, so as to prevent damage of high pressure pump due to water deficiency.

主要技术参数 Main Technical Parameters

参数 Parameters	单位 Unit	XZJ5181GQXD5
最大总质量 Max. Total Weight	kg	18000
额定载质量 Rated Payload	kg	8915
最高车速 Max. Speed	km/h	98
外形尺寸 Overall Dimension	mm	9372x2550x2960
喷水架清洗宽度 Spray Water Cleaning Width	mm	2.5-3.5
喷水架偏角 Spray Rack Declination	°	23
最高清洗水压力 Max. Sprinkler Pressure	MPa	13
清洗水流量 Sprinkler Flow	L/min	150
低压洒水流量 Low-pressure Sprinkler Flow	L/min	600-800
低压冲洗宽度 Low-pressure Flushing Width	m	24
水炮射程 Water Gun Range	m	38
水罐有效容积 Tank Volume	m ³	9.1
作业速度 Working Speed	km/h	5-20

低压清洗车 Low-pressure Cleaning Tanker

具有路面洒水、降温除尘、园林浇灌及应急消防等功能，能够满足快节奏都市所需的路面清洗、保洁养护等作业要求。

The product has such functions as water spraying, road cooling and dustfall, garden watering and emergency firefighting, which can meet the operation requirements for road cleaning, clean-keeping and road maintenance.



技术亮点 Technical Highlights

1/ 超大水罐，多种作业 Super-large Water Tank, Multiple Operation

8吨级产品设置总容积为10.6立方米的超大水罐，一次加水可持续工作60分钟以上，超出竞品10%。具有前洒、中对冲、左右绿化浇灌喷洒、后洒水、水炮等作业模式，可根据客户要求定制，适用于各种路面洒水、喷雾、降温、除尘、冲洗尘埃污物，也可用于路面养护、园林绿化及应急消防等需要。

The super-large water tank with the total volume of 10.6m³ is set for 8-tonnage product, and it can work for more than 60 min at a time, which is 10% more than that of competitive product. There are different operation modes: opposite-flushing, left-right watering for green areas, rear-sprinkling, sprinkling by water cannon, which can meet the requirements for road sprinkling and auxiliary fire fighting on different occasions.

2/ 一键操作，省时省力 One-key Operation, Time-saving and Labor-saving

工作人员在驾驶室内操作开关按钮即可一键实现所有动作的执行。同时配有遥控控制方式，实现百米外的远程控制，最大程度减轻操作强度。

Operator can execute all operations by operating the buttons in the cab. Meanwhile, remote control mode is also available for remote control, reducing the manipulation intensity to the maximum degree.

3/ 实时监控，安心品质 Real-time Monitoring, Quality Assurance

拥有自我检测、故障诊断功能，异常时集成报警显示，在驾驶室内便可实时监控全车作业状态。

Self-test and fault diagnosis function is available; there is integrated alarm display under abnormal condition, and the working status of the complete vehicle can be monitored at real time in the cab.

主要技术参数 Main Technical Parameters

参数 Parameters	单位 Unit	XZJ5183GQXD5
最大总质量 Max. Total Weight	kg	18000
额定载质量 Rated Payload	kg	10200/10135
最高车速 Max. Speed	km/h	98
外形尺寸 Overall Dimension	mm	8050x2520x2920
低压洒水工作速度 Low-pressure Sprinkler Speed	km/h	5-20
低压洒水流量 Low-pressure Sprinkler Flow	L/min	600-800
低压洒水宽度 Low-pressure Sprinkler Flow Width	mm	≥16
低压冲洗宽度 Low-pressure Flushing Width	m	≥24
水炮射程 Water Gun Range	m	≥38
自吸高度 Self-absorption Height	m	6.5
水罐有效容积 Tank Volume	m ³	10.6

多功能抑尘车

Multifunctional Dust Suppression Vehicle

用于城市空气净化，煤场、港口料堆等场所抑尘，公路、运动场地的保湿、降温等，此外还设有低压水路系统带来低压冲洗功能。

The product is used for urban air purification, dust suppression for coal yard and port material pile, moisture preservation and cooling of sport field. In addition, low pressure flushing function can be provided by low pressure water channel system.



技术亮点 Technical Highlights

1/ 高雾化度，扬尘克星 High Atomization Degree, Invincible Opponent of Flying Dust

基于空气动力学原理，雾滴直径越接近于粉尘颗粒直径，就更容易与之相撞而捕捉住粉尘颗粒，达到抑尘的作用。徐工自主研发的抑尘技术，实现雾滴粒度主要分布在2um~20um及50um~200um区间内，高雾化度真正有效降低空气PM2.5与PM10指数。

It is based on aerodynamic principle; the dust particle will be easier to be trapped if the fogdrop diameter is closer to dust diameter, realizing the action of dust suppression. Applying the dust suppression technology independently researched and developed by XCMG, the fogdrop diameter is mainly between the range of 2um~20um and 50um~200um; and the high atomization degree can really reduce PM2.5 and PM10.

2/ 广阔射程，俯仰灵活 Wide Range, Flexible Pitching

最大射程达120米，并拥有8档可调功能，基本达到望京SOHO独栋商业楼等超高层建筑高度。喷雾机可实现±120°水平旋转，风机可实现-10°至40°俯仰，极大丰富了适用工况，如农药喷洒、建筑清洁、应急救援等。

The maximum range is 120 m, and there is 8-stage adjustment function, which basically reach the building height of super-high rise (such as Wangjing SOHO independent commercial building). The sprayer can realize ±120° horizontal rotation; the blower can realize -10°~40° pitching, which largely expand the applicable working conditions, such as pesticide spraying, building cleaning, emergency rescue, etc.

3/ 超大水箱，功能多样 Super-large Water Tank, Diversified Functions

设置超大水箱，一次加水即可单次加水覆盖区域喷洒作业要求。标配洒水炮，可调节高压水柱、大雨、中雨、毛毛雨；装备对冲、喷洒装置，可替代常规清洗车实施路面冲洗、洒水作业。

Super-large water tank is set; and one time of water filling can cover the spraying area. Standard water cannon is provided; and high pressure water column is adjustable (heavy rain, moderate rain, drizzle). Opposite-flushing and spraying device is set, and it can replace conventional cleaning truck for road washing and sprinkling.

4/ 操控友好，远程作业 Friendly Manipulation, Long-range Operation

全车智能化程度高，可一键操作实现自动工作；拥有自我检测、故障诊断功能，异常时车内进行声光报警；选配全功能遥控器，实现百米内驾驶室内外无差。

The complete vehicle has high intelligence degree, and one-key automatic operation can be realized. Self-test and fault diagnosis function is available; sound and light alarm will be given when there is abnormal phenomenon; full-functional remote controller is optional, and remote operation may act within about one hundred meters range.

主要技术参数 Main Technical Parameters

参数 Parameters	单位 Unit	XZJ5180TDYD5
最大总质量 Max. Total Weight	kg	18000
额定载质量 Rated Payload	kg	6565/6805
最高车速 Max. Speed	km/h	98/89
最大爬坡角 Max. Climbing Angle	°	20
最小转弯直径 Min. Turning Diameter	m	15
外形尺寸 Overall Dimension	mm	9650/9185/9840x2500x3630
喷雾射程 Water Gun Range	m	100/80
喷雾水流量 Spray Flow	L/min	≥150
雾滴颗粒 Droplets	um	2-200
水罐有效容积 Tank Volume	m³	10
喷雾机俯仰角度 Fog Pitching Angle	°	-10~40
喷雾机回转角度 Fog Gun Angle	°	±120
低压冲洗宽度 Low-pressure Flushing Width	m	≥24
后喷洒宽度 Sprinkler Width	m	≥16
绿化喷洒宽度 Post Green Spray Width	m	≥14
低压洒水流量 Low-pressure Sprinkler Flow	L/min	400-600

