Our Product Introduction

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# Our Product Introduction

# Isuzu KV100 115hp Eu 5 Road Sweeper Truck High Pressure For Dust Reduction

### **Basic Information**

• Place of Origin: • Brand Name: ISUZU Certification: CCC

 Model Number: QL1072A6KAY

Minimum Order Quantity: 1

Price: 37800\$

 Packaging Details: nude with waxing Delivery Time: 30-35 working days

Payment Terms: L/C, T/T, Western Union, D/P, D/A

Supply Ability: 50 units per month



# **Product Specification**

Road Sweeper • Water Tank Capacity: 3000 Liters • Braking System: Air Brake Steering Type: Power Steering Transmission Type: Manuel Cabin Type: Single 100 Km/h Max Speed: Gross Vehicle Weight: 7360 Kg Engine Power: 115 Hp 4KH1CN5MD Engine Type: Diesel Hopper Capacity: 2500 Liters 2500-3000 Mm Clean Width: Sweeping Width: 3.5 Meters Max Clean Capacity: 30000 M2/h



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## **Product Description**

Isuzu KV100 115hp Eu 5 High Pressure Road Sweeper Truck for Dust Reduction

High pressure washing and sweeping truck.

1. Working principle of washing and sweeping truck
The cleaning and sweeping vehicle combines the functions of a road sweeper and a high-pressure cleaning vehicle. Generally, it comes standard with two center mounted brushes (equipped with a V-shaped high-pressure water spray rod in front of the brushes) and a center mounted suction nozzle (with a built-in high-pressure water spray rod). The washing and sweeping vehicle sprays high-pressure water from the high-pressure water spray rod during operation, which can flush stubborn attachments on the road surface. The water and garbage are sucked into the garbage bin together with the suction nozzle. Due to the high water consumption of the washing and sweeping vehicles during the operation, the water tank is relatively large. Therefore, the washing and sweeping vehicles are all modified from chassis with a wheelbase of 3800 mm or more. The washing and sweeping vehicle is equipped with a 17 meter high-pressure water flushing reel and a high-pressure water gun, making it more convenient and efficient to clean roads, sidewalks, and small advertisements.

2. Applicable environment for washing and sweeping truck
The cleaning truck has good cleaning effect and convenient maintenance, and is suitable for mechanized cleaning, sweeping, spray dust reduction and other cleaning operations of urban roads, highways, squares, airports, docks, tunnels, bridges, separation walls, curbs and curb facades.

ITEM	Major specifications
Model	QL1072A6KAY

Emission standard		Eu 5		
Engine	Madel	4KH4CNEMD		
Main	Model Power (kw)	4KH1CN5MD 85 kw		
	Horsepower (ps)	115 hp		
	displacement(ml)	2999 сс		
Second	Model	JE493ZG3		
	Power (kw) Horsepower (ps)	63 87		
	displacement(ml)	1400		
Fuel type		No. 0 light diesel (shared with chassis diesel		
	-41	tank)		
Truck major specific Dimension mm	ations	6350*2300*250	in.	
Wheelbase (mm)		3360		
Tire		7.00R16		
Tire number	-	7		
Trace	Front (mm) Rear (mm)	1525,1519 1498,1516		
passenger	near (IIIII)	2		
Front and rear suspension(mm)		1055/1987		
Approach angle		27°		
Departure angle		11° 1430		
Ground clearance (mm) Loading weight (kg)		1430		
Curb weight (kg)		5800		
N4	d>	7000		
Maximum total mass  Main Specifications	(ng)	7360		
Clean water tank ( m <sup>3</sup>	3)	2.5		
Dust tank ( m <sup>3</sup> )		3(stainless steel)		
Clean width (mm)		2500-3000		
Clean speed km/h)		3-15		
Working speed (km/h) Max clean capacity (n		15-20 30000		
Suction	- 17			
Suction capacity	Density (g/cm3)	2.0		
	Mass (kg)	1.5		
	Suction particle size (mm)	≥100		
Dumping angle of gar	1	≥30°		
Cleaning efficiency		≥96%		
Operation noise (db)		< 88		
Driving specification Driving Type	15	4×2		
Suspension type		Leaf spring		
Number of steel plate	springs (front/rear)	8/10+7		
Number of steel plate		Dual circuit pneumatic braking, drum type		
Braking distance (full		≤10m 110		
Maximum speed (km/h) Minimum turning radius (m)		8		
Maximum Climbing SI		≥30		
Clutch system		Single piece dry diaphragm spring clutch,		
		hydraulically op Mechanical 5-s		ion with
Transmission system		synchronizer, n		SIOIT WILLI
Engine fuel consumption		Drive	Working (L/h)	Working
Engine idei consumption		(L/100km) ≤14		(L/10000m <sup>2</sup> )
Dust system		≥14	≤8	≤3
water discharge patte	rn	Low pressure n	nist	
		Imported high-pressure pumps, water filters,		
Main component com	position	pipelines, stainless steel spray racks, high-		
high pressure water p	ump	pressure nozzles, etc GTM		
Install place	Clean	Left and right fr	ont scanning di	iscs
	suction	Inside the sucti		
Control		Electronic control, one click operation		
Hydraulic system		Open, electrica	lly controlled ce	entralized
type		Open, electrically controlled centralized operation		
Main components		Gear pumps, cycloidal motors, hydraulic cylinders, solenoid valves, integrated blocks,		
Main components		high-pressure pumps, etc		
orbit motor		Lipton Motor/Lipwo Motor		
Gear oil pump		Shiyan Changs	hun	
Hydraulic cylinder		Hepris		
Hydraulic cylinder sea Hydraulic oil pipe	u	Dingji Dahang		
Electromagnetic valve group		Hepris		
Shockproof pressure gauge		Chengdu Tianv	/ei	
Return oil filter		Sofima		
System overflow pressure	Мра	10-12		
Hydraulic oil tank	L	≥50		
capacity		1		
Electrical system		It is composed	of chassis vehi	cle circuit.
system composition		It is composed of chassis vehicle circuit, auxiliary engine electrical part, and dedicated		
		working device operation control circuit.		
Chassis vehicle system voltage (V)  Working device system voltage (V)		12		
Working device system voltage (V))		Auxiliary engine	tachometer. a	uxiliarv engine
Composition of electri	c control hov panel	water temperat	ure gauge, oil t	emperature
Composition of electric control box panel		alarm device, v switches	arious operatio	n control
Control switch		Shanghai Schn	eider	
Programmable Logic Controller		Hundred Zhaof		
Circuit breaker		Hagrid		
Battery model		12V-70Ah (2)		
Fan system				

type		Maintenance-free centrifugal fan 6.0		
Rated operating	r/min	2000		
speed	///////			
Drive system		Auxiliary engine, clutch, toothed high- temperature resistant A-belt transmission (4 pieces)		
Fan belt		Zhejiang		
Automatic clutch		Centrifugal, imported material		
Air volume (m3/h)		5000 ~ 8000		
Cleaning system				
type		Between the front and rear axles of the chassis, there are two symmetrical positions on both sides of the frame, each with a		
		vertical scanning plate that can be lifted or extended. The scanning plate rotates and is driven by a hydraulic motor with adjustable speed.		
Main component composition		Scavenger bracket, sweeping disc, oil cylinder, oil pipe, connecting rod, adjusting rod, hydraulic motor, etc		
Brush spreading diameter	mm	φ800-900		
Speed of the scanning disc motor	r/min	140		
Number of Scans		2		
Number of brushes pe	er scan disk	22		
Adjusting the inclination angle of the scanning disc	Sweeping plate	Tilt forward 5 °~15 ° Tilt outward 5 °~10 °		
Suction system				
Туре		rear wheels of the chassis vehicle, consisting of a suction nozzle, a roller, and a suction pipe. The suction nozzle body can be moved with the oil cylinder to control the lifting of the suction nozzle. The suction nozzle is equipper with a long spray rod with a high-pressure nozzle (8 nozzles), and the suction nozzle body follows the road surface. Hydraulic driven electrical automatic control suction nozzle lifting, spring floating suspension.		
Straw diameter	mm	φ180		
Straw brand	<u> </u>	NORRES		
Traveling wheel beari	na	SKF		
		Stellana		
Wear resistant outer ring of walking wheel Working state: rigid part of suction nozzle edge		5 8		
Suction nozzle and suction pipe wind speed (m/s)		50 65		
Negative pressure of suction nozzle (mmH2O)		380		
Other configurations				
Alarm system (optional)		Reverse voice alarm system		
Secondary operating system		The rear electrified control operating system controls the lifting and lowering of the trunk and the opening and closing of the rear door, avoiding safety accidents caused by the user inability to observe the rear situation while operating in the cab		
Manual pump emergency lifting system		If the auxiliary engine malfunctions causing the hydraulic system to become unusable, and the brushes, suction cups, and trunk cannot be lifted or lowered, a manual pump emergency lifting system can be used for operation.		

# High pressure road sweeper truck picture





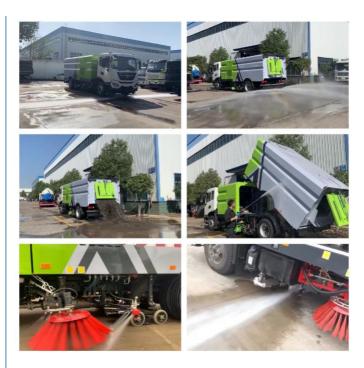








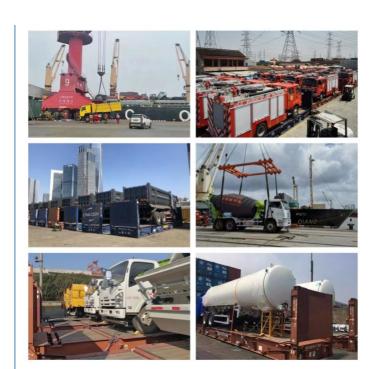
High pressure road sweeper truck function display



High pressure road sweeper truck bulk order



High pressure road sweeper truck loading



Hubei iTruck Import and Export Trading Co., Ltd







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