

OFFICIAL TECHNICAL DATASHEET

CLW5050TSL

CLW5050TSL Vacuum Street Sweeper Truck

Vacuum street sweeper truck · 4×2 KAMA chassis · twin engine · 4 sweeping discs + rear suction · 304 stainless steel tanks

WIMER · CLW5050TSL · 2026



WASTE HOPPER

2.5 m³

CLEANING CAPACITY

33 000 m²/h

SWEEPING WIDTH

2.2 m

CLEANING EFFICIENCY

≥95 %

BRAND

WIMER

MODEL

CLW5050TSL

CATEGORY

**Municipal & special
equipment**

MODEL YEAR

2026

Vacuum street sweeper truck built for municipal road cleaning. Four mid-mounted sweeping discs and a rear suction nozzle are driven by an independent 42 kW Yunnei auxiliary engine, sustaining full vacuum power without draining the 75 kW ISUZU-technology engine of the 4×2 KAMA EROS chassis. Sweeps up to 33,000 m²/h over a 2.2 m working width; 304 stainless steel tanks, grease-free system and hydraulic tipping discharge for continuous shifts with minimal maintenance.

01 CHASSIS & DRIVE ENGINE

Chassis	KAMA EROS · KMC1046A26D4
Configuration	4×2 · single cab (1,760 mm)
Engine	JE493ZLQ3A · ISUZU technology
Displacement	2,771 cc · diesel
Power	75 kW / 3 600 rpm
Torque	250 Nm / 1 600–2 700 rpm

Fuel system	Mechanical pump and injectors
Emissions standard	Euro III
Transmission	Manual · 5-speed + reverse
Top speed	80 km/h
Brakes	Hydraulic · ABS
Parking brake	Central drum

02 SWEEPING & VACUUM SYSTEM

Sweeping engine	Yunnei YN27 · 42 kW · diesel
Layout	4 mid-mounted discs + rear suction
Drive	Individual hydraulic motors
Front disc control	Independent front-right disc (obstacle avoidance and return)
Disc diameter	300 mm
Brush extension	≥ 400 mm

Tilt / camber	10–15° / 10–15°
Sweeping speed	3–15 km/h
Max. particle size	50 mm
Suction nozzle	Single · hydraulic control · spring suspension
Suction diameter	200 mm
Fan	Weiye · centrifugal, maintenance-free

03 HYDRAULIC, WATER & DISCHARGE SYSTEM

Hydraulic system	Open circuit · electric control
System pressure	12 MPa
Oil tank	60 L · 60 °C working temp.
Hydraulic motor	Liwo · cycloidal gears
Controls / valves	Hyderriv · Siemens switches
Water tank	0.7 m³ · 304 stainless steel

Waste hopper	2.5 m³ · 304 stainless steel
Tipping angle	≥ 45°
Tailgate opening	≥ 85°
Water spray system	Xinxishan diaphragm pump + nozzles
Electrical system	12 V DC · rear LED light
Emergency	Manual hydraulic pump

04 DIMENSIONS & WEIGHTS

Overall length	5 630 mm
Overall width	1 830 mm
Overall height	2 490 mm
Wheelbase	2 800 mm
Cab	Single · 1,760 mm

Gross vehicle weight	5 110 kg
Curb weight	3 980 kg
Approx. payload	1 130 kg
Tyres	7.00R16 · 4 + 1
Travel speed	80 km/h

STANDARD EQUIPMENT

- ✓ ABS brakes and hydraulic power steering
- ✓ Air conditioning and MP5 radio
- ✓ Power windows and central locking
- ✓ Factory reversing camera
- ✓ 4 hydraulically driven mid-mounted sweeping discs
- ✓ Rear suction nozzle with spring suspension
- ✓ 304 stainless steel water and waste tanks
- ✓ Grease-free system (industrial spacers)
- ✓ Maintenance-free Weiye centrifugal fan
- ✓ Rear LED indicator light
- ✓ Manual emergency system + tool kit

OPTIONAL EQUIPMENT · On request

- Telemetry and satellite tracking (VemaTrack)
- Institutional livery and paint (municipalities)
- High-pressure washing lance
- Additional camera system (multiple views)

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WEBSITE

www.wimerglobal.com

EMAIL

support@wimerglobal.com

WHATSAPP

+593 98 572 6302

FACTORY · CHINA

+86 10 8783 3628

SALES & DISTRIBUTION · ECUADOR

+593 96 140 0199

ADDRESS

**Union Building, No. 2 Eqiao Rd.,
Sanshan District, Wuhu, Anhui,
China**

Technical notice. The specifications listed correspond to the model's standard configuration. WIMER reserves the right to modify components or configurations for continuous improvement or homologation. Declared weights, dimensions and performance figures are nominal; images are illustrative and final trim may vary by unit and optional equipment. Warranty: 12 months or 2,000 operating hours, whichever comes first.