

OVS

series

Road Sweepers



ORAKÇI
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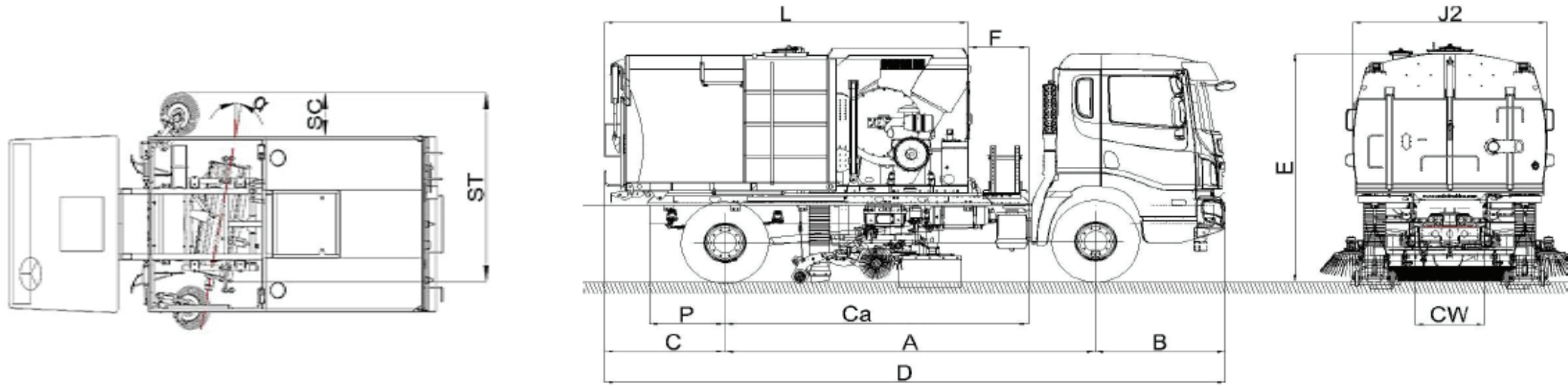


1. Technical Features

EQUIPMENT DIMENSIONS LIST

		4 m³	5m³	6m³	8 m³	10m³
Rear Overhang	*C	MAY DIFFER BY TRUCK				
Chassis Height	*CH	870	1020	1020	*	*
Equipment Length	L	4200	4300	4750	*	*
Body Height	*E	2690	3090	3090	*	*
Useful Chassis Length	*Ca	2760	3500	3500	*	*
Truck Chassis Width	*CW	MAY DIFFER BY TRUCK				
Distance Between Chassis - Cabin	*F	MAY DIFFER BY TRUCK				
Axle Distance (WB)	*A	MAY DIFFER BY TRUCK				
Body External Width	J2	2100	2100	2300	*	*
Chassis Back Length	*P	MAY DIFFER BY TRUCK				
Sweeping Trail Width	ST	2090				
Sweeper Opening Width	SC	560				
Middle Brush Angle	α	11°				
Equipment Weight (kg) (±3%)		*	*	*	*	*

Parts marked with (*) may differ by truck. The final dimensions become clear after the draft work. The table is for information purposes. These are the base equipment data, they do not include optional equipment or accessories.



2. Body Capacity

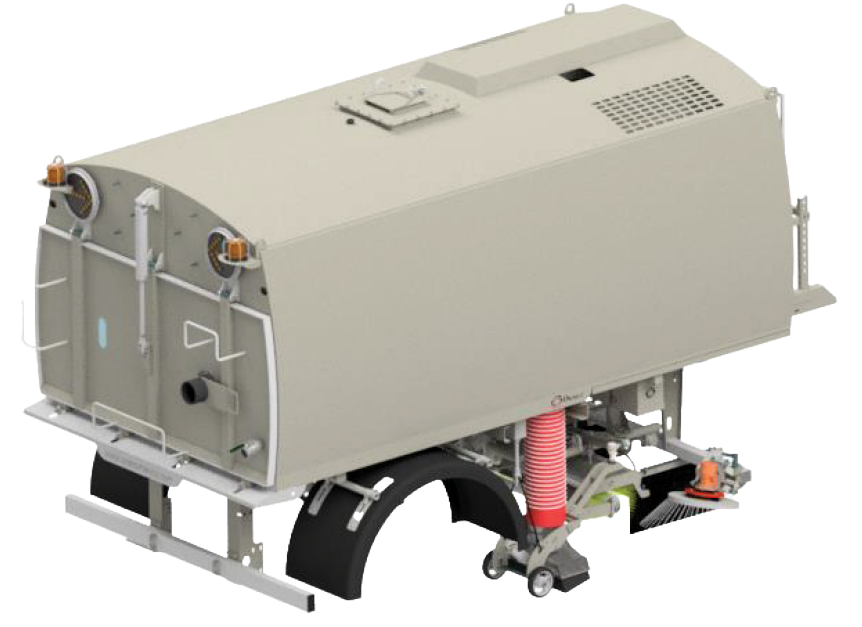
Capacity	OVS	Motor Options
	4 m³ - 10	Tümosan Perkins JCB
Tank Capacities		
Water Tank	1000 lt- 1700 lt	
Hydraulic Oil Tank	180 lt	
Sweeping Equipment		
Middle Brush	Diameter Ø: 4m³-5m³ (300) mm Length: 4m³-5m³ (1241) mm Diameter Ø: 6m³ (400) mm Length: 6m³ (1400) mm	
Side Brush	Diameter Ø: 4m³-5m³ (320) mm Diameter Ø: 6m³ (450) mm	
Suction Hose Diameter	Diameter Ø: 4m³-5m³ (200)mm Diameter Ø: 6m³ (230) mm	
Suction Bucket Width	600 mm	



3. Technical Features

Hydraulic-Pneumatic -Water Installation Features	
Hydraulic Suction Filter	125 µc
Hydraulic Return Filter	25 µc
Spraying Rate	15 lt/min.
Spraying Pressure	2 Bar
Pneumatic System Pressure	6 Bar
Equipment Operating Speed	0 – 32 km/s
Hydraulic Pump Flow Rate	38 cc @ 1500d/d
Hydraulic Pump Pressure	≤ 120 Bar

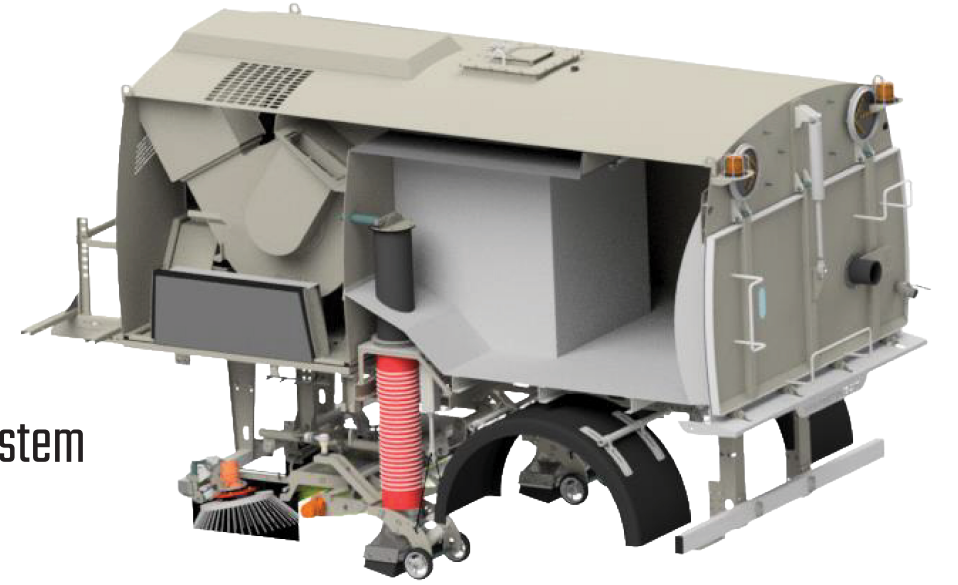
Secondary Motor Features	
Secondary Motor Power	73 – 110 BG
Secondary Motor Torque	270 – 420 Nm
Noise Measurement	73-89 dB
Sweeping Area (Hour/m ²)	
66880 hours/m ² (32 km/h)	



4. Standard Features

- Engine Compartment Lighting
- Beacon and Guidance Lights
- Damper angle is at least 48°
- Hydraulic Power Transmission System
- Hydraulic Oil Cooler
- Electric Water Pump
- Reverse Gear / Fault Audible Warning System
- Fire Extinguisher Box
- Equipment Controller

- Stainless Waste Unit
- Side Brushes and Rear View Cameras with Lighting
- Container Ladder
- Stainless Water Tank
- Aluminium Fan
- ECU-CANBUS
- Mud Guards
- Pressure Tank Washing System
- Advanced Sound Isolation

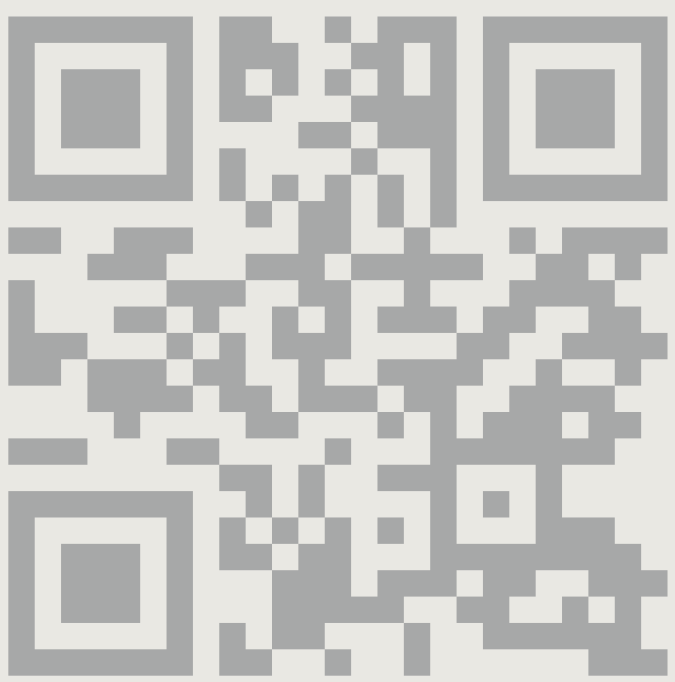


5. Control System Features



- Touch-screen
- Viewing truck operating information
- Automatic motor speed increase
- Tracking fault notifications
- Monitoring the sweeping area via screen.
- Keyless secondary motor start
- Lifting damper and tailgate from inside the cabin

- A structure that provides ease of maintenance through its simple sub-group design and "Error Notification System" is in place.
- Through the installation of a closed circuit camera system in the driver's cabin, monitoring of the sweeping area is ensured.
- Production can be carried out as mounted on the vehicle and disassembled.
- Work safety conditions are offered through the damper lock.
- Other vehicles in the traffic are warned during sweeping via beacon and guidance lights.
- The control systems of the equipment are programmed by our company and improvements can be made in line with demands.
- The equipment transfers the power from the secondary motor through the hydraulic transmission system.
- The equipment controller allows it to be controlled by moving a certain distance away from the damper and tailgate.
- 1-year product warranty and 10-year spare parts supply warranty are provided.



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