

PART 2 创新·产品篇 INNOVATE

02 Solid waste collection and transfer



13

Fuel garbage truck with detachable compartment

25T

SYR5250ZXXLQ6 fuel garbage truck with detachable container is the mainstream product for environmental sanitation, waste collection and transportation launched by SANY Environment. As a garbage transfer vehicle supporting the garbage transfer station, it is mainly used for hermetically transferring domestic waste after compression and volume reduction in the garbage transfer station to the waste treatment plant. Loading, unloading, container unloading and other operations can be completed by the driver alone on the vehicle or under the vehicle. It is a new type of garbage transfer vehicle that is environmentally friendly, easy to operate and reliable.

Performance Feature 性能特点

25T Fuel garbage truck with detachable container

High-quality chassis, with strong power

The standard configuration is Cummins 320 horsepower engine, with a maximum power of 231kw and stronger power; high-quality Type II chassis, with less modification and high corrosion resistance; shock-absorbing seats, full-floating cab in suspension, with electric window lifting, remote console lock, air conditioner; mature and reliable platform, which is easy to be maintained.

Superior hook arm, trustworthy

Key hydraulic and electrical accessories are sourced from internationally renowned brands with reliable quality; key parts are made of S500MC high-strength steel, which has strong load-bearing capacity, safety and reliability; key parts such as hook heads and guide rollers use high-strength precision castings to improve safety and extend service life.

Safe, reliable and durable

It is equipped with proximity switch, and each action is interlocked to ensure safe and worry-free operation; a rear support structure is set at the tail to ensure that the compartment-hooking operation does not tilt, which is safe and reliable; the circuit controls the buffer valve in the hydraulic system so that the van can fall back smoothly and avoid rigid impact.

Efficient and convenient with quick release and fast movement

Large loading capacity and low operating cost: The rated load mass is 3%-5% higher than that of competitors; high loading and unloading efficiency: hook the compartment for unloading quickly with the quick release and fast movement. The hydraulic plug fixing device for rear door opening and closing adopts patent technology, which is waterproof, dustproof, reliable and durable. No additional dust caps are required.

	Item	Unit	Parameters
Vehicle Parameters	Declared model	/	SYR5250ZXXLQ6
	Chassis model	/	LZ1256H5DCT/Dongfeng Liuzhou Motor
	Engine power	kW	231/Dongfeng Cummins
	Transmission model	/	HW11708STC/Datong Gear
	Gross mass	kg	25,000
	Curb weight	kg	10,550
	Overall dimensions (L×W×H)	mm	8,590×2,545×3,135
	Wheelbase	mm	4,500+1,350
Operation Performance Parameters	Maximum gradeability	%	25
	Maximum speed	km/h	89
	Lifting capacity of pulling arm hook	t	20
	Compartment-hooking time	s	50
	Unloading time	s	62
	Unloading cycle time	s	100
	Height of hook center	mm	1,570
	Guide rail length	mm	1,070
	Unloading angle	°	49