

SANY



COMPRESSION TRUCK

WARRANTY

-  Upper body warranty: 1 year
-  Chassis warranty: 1 year
-  Three-electric warranty: 5 years

SERVICE

-  15 MINS
PROBLEM RESPONSE
-  2 HOUR
ARRIVAL ON SITE
-  24 HOUR
REPAIR SERVICE
-  7 DAYS
EMERGENCY SERVICE

KEY ADVANTAGEES

-  Custom Chassis
-  Zero Emission
-  Reliable & Durable
-  Ultra-Quiet Operation



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Parameter Configuration Table

Pure Electric Compressed Vehicle Series

Model		SZYS12EY		SZYS16EY	SZYS18EY	SZYS25EY
Vehicle Parameters	GVW (t)	≤14	≤16		≤22	≤28
	Overall Dimensions (mm)	7130×2200×263	7630×2300×2790	10245×2500×3345	8835×2525×3180	10115×2550×3060
	Steering	Left-hand drive				Right-hand drive
	Drive Type	4×2				6×2
	Car Cabin	High Entrance	Low Entrance		High Entrance	Low Entrance
	Cabin Form	Flat Head Single Row				
	Number of Passengers Allowed in Cabin (person)	3				
	Garbage Bin Capacity (m³)	7	8.5	9.5	14	14-20
	Loading Capacity (t)	5.5-6.5	6-7	7-8	10-12	11-13
	Power Battery Capacity (kw.H)	150-170		160-190	210-250	320-350
	NEDC Range (km)	350		330	370	300
	Operating Mileage (km)	210-240		200-230	220-250	180-210
Function Configuration	Loading Mode	Rear-mounted bucket loading: compatible with standard trash cans of 120/240/660L; optional tipping bucket loading, and optional rear standing position				
	Upper Power Mode	Power Take-off From Chassis Motor				Direct drive with independent motor
	Operation Method	Third Mock Examination Control: Cab Large Screen + Rear Handle + Wireless Remote Control				
	Rear Door	Electronically Controlled Pneumatic Opening/Closing				
	Work Light	Standard Night Work Lights				
	Hopper capacity (m³)	1.2	1.4		2.0	1.8
	Sewage Tank Capacity (L)	600	520	260	1080	420

SZYS12EY-High Entrance



SZYS12EY-Low Entrance



SZYS25EY



SZYS16EY-Low Entrance



SZYS18EY- High Entrance



1. The picture shown is for illustration purpose only and the actual product may vary due to the product enhancement.
2. Details of specifications and equipment are also subject to change to suit local conditions and requirements.
3. Vehicle and specifications in this catalogue may vary from models available locally.
4. Vehicle body and accessory colours might differ slightly from the printed photos in this catalogue.

▶ Extra-large Capacity, Silent And Efficient



Extraordinary loading capacity

- 20m³ ultra-large capacity container, with industry-leading loading space
- Bidirectional compression technology, with strong waste reduction capacity

Efficient operation system

- With a maximum feeding opening of 2080mm, it can quickly handle large pieces of garbage
- Dual-channel synchronous compression, where feeding and compression are completed simultaneously

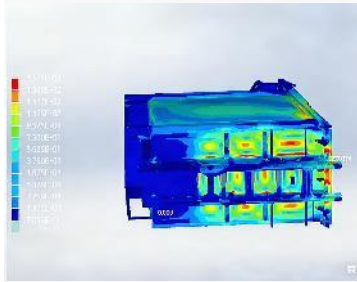
Multi-dimensional mute technology

- Triple noise reduction in hydraulic, control, and structural aspects

▶ Reliable Design, Durable and Long-lasting

CAE Analysis

Five-dimensional simulation including strength, stiffness, fatigue, multibody dynamics, and fluid-structure interaction



Fully Automatic Welding

welding ensures uniform weld seams and accurate dimensions



Electrophoretic Corrosion Protection

Using cathodic electrophoresis, high-quality paint



Rigorous Testing

- Three-level verification: component, system, and complete vehicle
- Reliability tests



▶ Intelligent Operation, Worry-free Control



Touchscreen Display

Dedicated control screen, one-click operation control



360-degree Surround View

360° panoramic monitoring ensures safer driving



Third Mock Examination Control System

Driver's cab large screen, rear handle, remote control

▶ Rich In Functions, Versatile For Multiple Purposes



Hanging Bucket Feeding System

Compatible with 120L, 240L, and 660L trash cans



Tipping Bucket Feeding Mode (Optional)

- Suitable for manual direct dumping of garbage
- Seamless integration and transportation with small garbage collection vehicles



Rear Standing Position (Optional)

Add a standing position at the rear of the vehicle

► SANY Dedicated Chassis, Deeply Customized for Environmental Sanitation Scenarios ▲

- **Zero modification system:** cancel the modification of water, electricity, and gas pipelines to eliminate the risk of fire
- **All-weather:** -40°C battery self-heating/60°C liquid cooling system, continuous operation in extreme environments
- **Dual-mode cab:** Low-entry version for urban areas, high-entry version for mining areas/rural areas



Low entry, one-step boarding, safe and convenient



High entry point, excellent passage ability



All-climate Adaptation

► Core Guarantee for Three Electric Sectors ▲



Top-tier Supply Chain Guarantee

- CATL battery, CRRC motor and controller
- Global brand, quality assurance service



Global Safety Certification

- CE certified battery pack



Intelligent Energy Consumption Management

- Customize algorithm programs based on customers' operational routes to reduce power consumption



Extended Warranty

- 8-year warranty for battery/motor/controller
- 2-year warranty for the dedicated chassis

► Active Safety Protection ▲



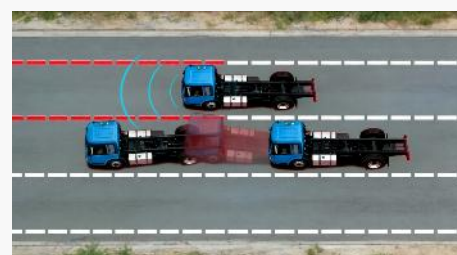
ABS Anti-lock Braking System

- Emergency braking, preventing wheel lockup and maintaining steering control



AEBS & ESP Emergency Braking (Optional)

- Front obstacle monitoring, automatic braking



Lane Departure Warning (Optional)

- Millisecond-level lane departure audible and visual warning
- Reduce the risk of side collision accidents

► Ergonomic Optimization ▲



Airbag Shock-absorbing Driver's Seat

- Filtering road bumps and vibrations
- The lumbar support reduces driving fatigue



Intelligent Central Control System

- High-definition touch screen, easy to operate
- Common operation buttons are within easy reach



Intelligent Diagnosis And Early Warning

- Real-time monitoring of major fault locations
- Vehicle-end alarming and cloud-based collaboration to enhance fault response