TRUCKS DELIVER LOVE

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SANY TRUCK | ► | 👍 | in



https://www.31truck.com/intl/en



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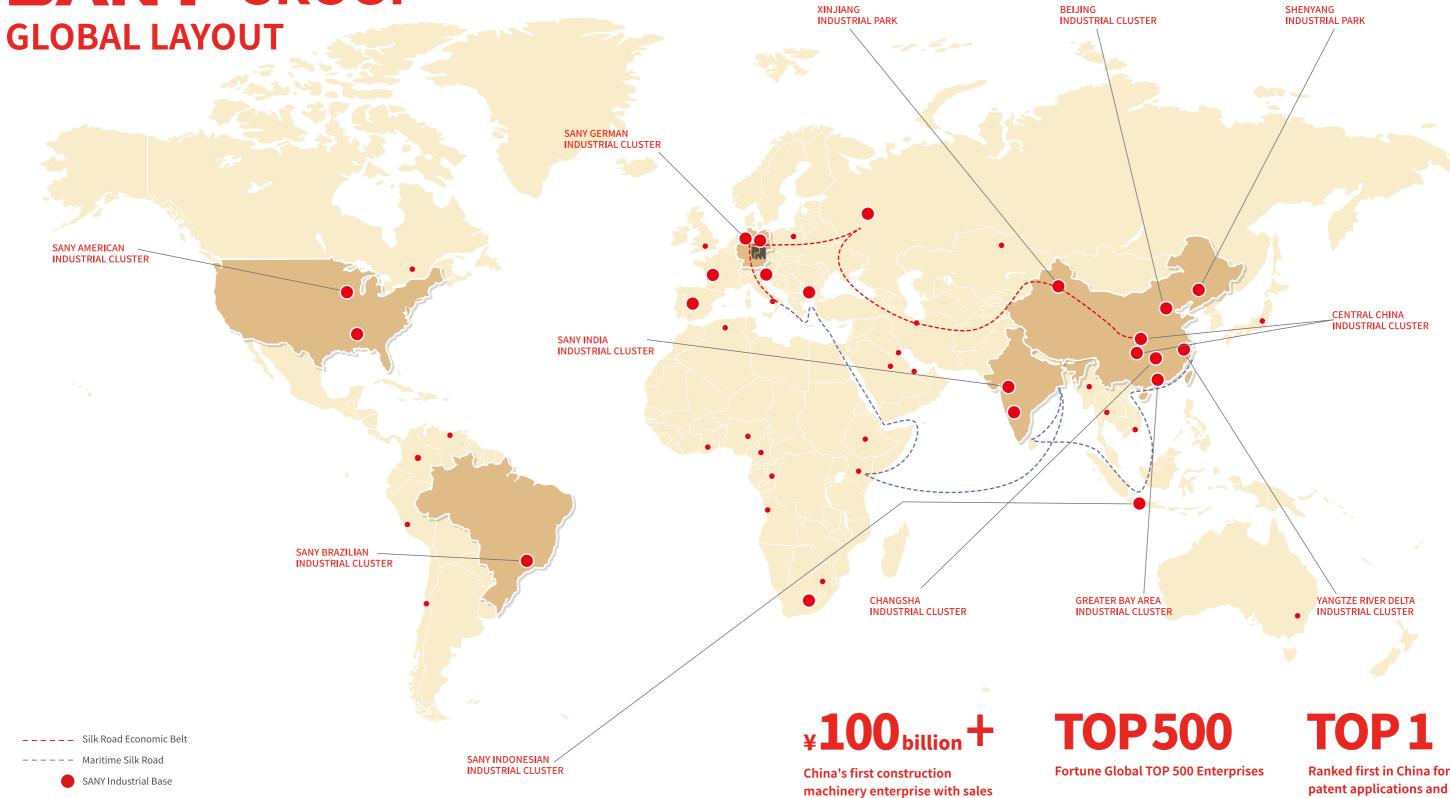


authorizations in the

Industry

Overseas Branches and Regional Headquarters

Putzmeister (SANY Concrete Machinery International Headquarters)



exceeding 100 billion yuan

SANY TRUCK

With the strong R&D, manufacturing technology, and resource support from SANY Group, SANY Heavy Trucks has seen sales breakthroughs year by year since its establishment in 2017. Within three years, it became a leading enterprise in China's heavy truck industry, and its electric heavy trucks now hold the highest market share in China.

In 2021, it exported to **Kuwait**, setting the record for the fastest export achievement by a new heavy truck brand. In 2022, it ranked first in cumulative sales across China. By 2023, it became the first electric heavy truck brand to enter the UAE, Indonesia, and Singapore in large quantities, leading the establishment of battery swapping standards in countries like Singapore.

Building on this foundation, diesel heavy trucks have been successively exported to Russia, Saudi Arabia, Oman, Belarus, Uzbekistan, Turkmenistan, Africa, and Southeast Asia, with the overseas market and sales expanding year by year.

SECONDS

The first batch of 500 heavy trucks sold out in just 53 seconds

YEARS

Broke the record for the fastest new brand to exceed 20,000 units in just 2 years

SANY Heavy Trucks is the pioneer in SANY Group's digital and intelligent transformation. Adhering to the philosophy of "mass production of one generation, reserving one generation, and developing one generation," SANY leverages industry-leading R&D and manufacturing capabilities to strategically position itself, offering integrated solutions to customers.

O5 SANY HEAVY TRUCK PRODUCT BROCHURE



Designed for User Needs, Adaptable to All Conditions with Superior Performance



EXTREME ENVIRONMENTAL CHALLENGES

5 DISTINCT RELIABLE PERFORMANCES



1 ULTRA-POWERFUL POWERTRAIN | DIAMOND POWER CHAIN

SURGING POWER SEAMLESS TRANSMISSION ROBUST LOAD-BEARING

NEXT-GENERATION INTEGRATED AUTOMATIC TRANSMISSION

- High-Efficiency Transmission: Employs fully helical gears and grinding technology, resulting in low noise and a transmission efficiency of up to 99.8%.
- Ultra-High Load Capacity: Designed with twin intermediate shafts, providing exceptional load-bearing capacity.
- All-Aluminum Lightweight Design: Lightweight design with a fully aluminum alloy die-cast three-piece case, capable of withstanding high torque while balancing high and low-speed performance.
- Ease of Operation: Features dual economy/sport modes, ensuring smooth gear shifting and easy operation.
- **Reliable and Durable:** Long lifespan with a durability of 6 million gear shifts and 4 million brake actuations.

SANY-DEUTZ ENGINE

A Century-Old Brand:

- (1) The first power product jointly developed by DEUTZ and SANY, adhering to German DEUTZ manufacturing standards and quality control, ensuring reliable quality.
- (2) The D13 engine complies with Euro 3, Euro 5, Euro 6, China V, and China VI emission regulations.

Superior Performance:

- (1) The engine has a maximum power of 585 horsepower and a maximum torque of 2600Nm, delivering strong power.
- (2)Utilizes 2000-bar ultra-high-pressure fuel injection technology, pioneering the use of TVCS dual swirl combustion chambers and high-efficiency turbochargers, ensuring high fuel efficiency.
- (3) Features steel pistons, DLC-coated piston rings, and wet friction-reducing cylinder liners, which minimize cylinder liner wear and prevent scoring.

Extended Reliability:

- (1) Equipped with an advanced in-cylinder braking system for enhanced safety.
- (2) The engine has undergone rigorous "extremely cold, high altitude, high temperature, high salinity, high dust" tests, achieving a B10 life of up to 1.6 million kilometers.

HIGH-PERFORMANCE DRIVE AXLE

- **High Strength:** Made with high-strength steel and reinforced main reduction gears, providing high loadbearing and torque capacity across the entire axle.
- **High Efficiency:** Achieves a transmission efficiency of up to 98%.
- **Lightweight Design:** Utilizes laser-welded gear technology, reducing weight by more than 50 kg.
- **High Adaptability:** Adapt to various conditions such as highways, national roads, and unpaved roads.

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Customized Configurations for Regional Markets, Efficient Handling of Complex Conditions

- Hydraulic Retarder: Provides auxiliary braking, unaffected by deceleration and long downhill conditions, reduces brake pad wear, and extends the life of braking components.
- *Long Maintenance Cycle Axle: 500,000 km maintenance-free wheel end, five times the maintenance interval of a standard axle.

4 EXTREME ENVIRONMENTAL CHALLENGES



DESERT CONDITIONS



Vehicle

Equipped with high-density radiators and thicker fan blades, increasing airflow for enhanced cooling.



Filtration, High Reliability, Reduced

Standard desert air filters effectively reduce dust intake in the engine and the entire vehicle, lowering the probability of mechanical failures.



Superior Performance on Soft Ground Surfaces, Effortlessly Handling Heavy Load Conditions.

Large-radius tires and high-ground-clearance bumpers adapt to desert terrain, ensuring strong possibility.

Reinforced 7.5-ton front axle, with some models upgraded to 9 tons, providing stable performance under complex conditions.



Customized configurations for regional markets to handle high temperatures and dusty environments

- *Efficient cooling system: Enhanced vehicle cooling systems to effectively manage high-temperature conditions without compromise;
- *Efficient air intake system: A cyclone air filter is utilized to efficiently separate sand and dust in high-dust environments.

minimum minimum









5 KEY RELIABLE PERFORMANCES | RUGGED DURABILITY

HIGH RELIABILITY AND CONVENIENCE FOR STEADY OPERATION

Challenging the Limits of Worry-Free Delivery Quality

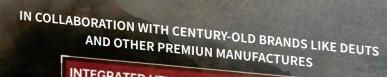
EXTENDED LIFESPAN INDUSTRY-LEADING







RIGOROUS TESTING IN PLATEAU, EXTREME COLD, HEAT, SALT, AND DUST, HIGHLY ADAPTABLE WITH EXTENDED WARRANTIES



INTEGRATED VEHICLE DESIGN, TOP SUPPLY CHAIN SUPPORT FOR KEY COMPONENTS













OEM DIRECT AFTER





OEM DIRECT AFTER SERVICE

Industry Exclusive: Breaking the limitations of time and space such as traditional service models manufacturers directly dispatch R&D and service engineers to provide "one-on-one" butler-style on-site

Dedicated service: Dedicated personnel will respond to customer service needs, and designated service engineers will track the entire process; a dedicated team and accessories will accompany you, close to user needs, and handle maintenance issues promptly and efficiently; provide users with professional training on vehicle use, maintenance, etc. at any time.



LIFETIME **PROTECTION**

Active tracking: Provide multiple active services such as door-to-door visits, telephone return visits, and onsite tours throughout the entire life cycle from product delivery to operation and maintenance to ensure customer satisfaction.

Lifetime service: Provide standardized and unified after-sales service, original parts supply, and free technical support throughout your



EXTREMELY FAST RESPONSE

All year round: 365 days a year, 24/7 dedicated personnel accept repair reports, complaints, consultations, all-weather emergency rescue and fault repair services, and respond quickly within 15 minutes.

Own parts library: Each service engineer comes standard with a light truck mobile parts library, which greatly reduces waiting time and improves maintenance efficiency. Solve the problem once and for all, anytime and anywhere.



TECHNICAL SUPPORT

More than 100 technical experts are on call throughout the year to provide customers with professional technical support.



SERVICE TEAM

More than 3,000 front-line maintenance personnel and nearly 1,400 service vehicles are on standby at any time.



SPARE PARTS RESERVE

There are more than 30 powerful brand center warehouses, with a national parts reserve exceeding 100 million yuan. These warehouses cover major provinces across the country and hold more than 7,000 types of vehicle parts in stock.

QUALITY CHANGES THE WORLD