TRUCKS DELIVER LOVE



SANY Intelligent Heavy Truck Industrial Park

No. 31, Paitou Road, Huanghua Town, Changsha City, Hunan Province, China.

Service Hotline: 400 166 6318











DREAM-INITIATING ERA, PIONEERING NEW LIFE

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PIONEERING PATHFINDER, LEADING THE JOURNEY

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SANY GROUP









GLOBALIZATION

DIGITALIZATION

DECARBONIZATION

Sany Group Co., Ltd. was founded in 1989.

Since its establishment, it has adhered to the corporate vision of "creating a first-class enterprise, nurturing first-class talents, and making first-class contributions," and has built the well-known "Sany" brand in the industry.

Sany Group's main business is equipment manufacturing, with its leading products including: concrete machinery, excavating machinery, lifting machinery, road construction machinery, pile working machinery, wind power equipment, port machinery, petroleum equipment, coal equipment, prefabricated building PC machinery, commercial vehicles, and a full range of other products.

SANY's concrete machinery is firmly the number one brand in the world; its excavating machinery first won the global sales championship in 2020 and has been the sales champion in the domestic market for thirteen consecutive years. Large-tonnage lifting machinery, crawler lifting machinery, pile working machinery, coal mining machinery, and port machinery have consistently held the number one market share in China.

TOP500

On May 13, 2021, SANY Heavy Industry was included in the Forbes Global 2000 list of the world's largest public companies, ranking 468th. It was the top-ranked Chinese construction machinery company and the second globally in its category.

100 billion

In 2019, a sales volume of 101.1 billion yuan was achieved, making it the first domestic construction machinery enterprise to "break the hundred billion" in sales.

180+

SANY Group has industrial parks in Changsha, Beijing, Shanghai, Shenyang, Kunshan, Zhuhai, Xi'an, Chongqing, Shuozhou, Urumqi, and other cities in China, with R&D and manufacturing centers in the United States, Germany, India, Brazil, Indonesia, and other countries. Its business covers the globe, and its products have been exported to more than 180 countries and regions.



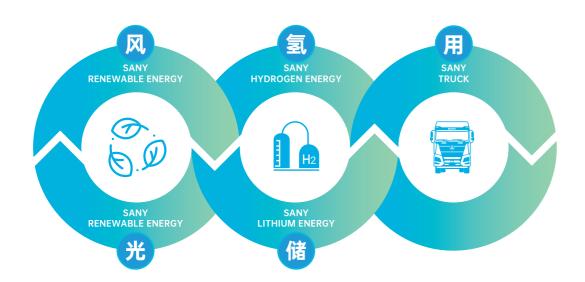
SANY GROUP NEW ENERGY ECOLOGICAL CHAIN

CHAPTER

01

COMPANY
PROFILE

Wind-Solar-Hydrogen-Storage-Utilization Accelerate the construction of the entire industry chain of renewable clean energy.



Sany Group's low-carbon strategy covers the entire process of "wind-solar-hydrogen-storage-utilization".

SANY Group has launched nearly 100 electrified products, including new energy heavy-duty trucks, dump trucks, and concrete pump trucks, covering various energy replenishment routes such as pure electric, battery swapping, and hydrogen energy.

UPSTREAM RESOURCE SECTOR

SANY Group has established a comprehensive "wind, solar, hydrogen, storage" new energy business layout, offering a range of products including wind turbines, photovoltaic modules, hydrogen production electrolyzers, and energy storage solutions. Additionally, SANY Group provides large-scale solutions for green hydrogen production.

DOWNSTREAM APPLICATION SECTOR



SANY TRUCK

Becoming a pioneer in the global new energy heavy-duty truck industry.

CHAPTER

01

COMPANY
PROFILE

Sany Truck is the pioneer of Sany Group's digital and intelligent transformation.

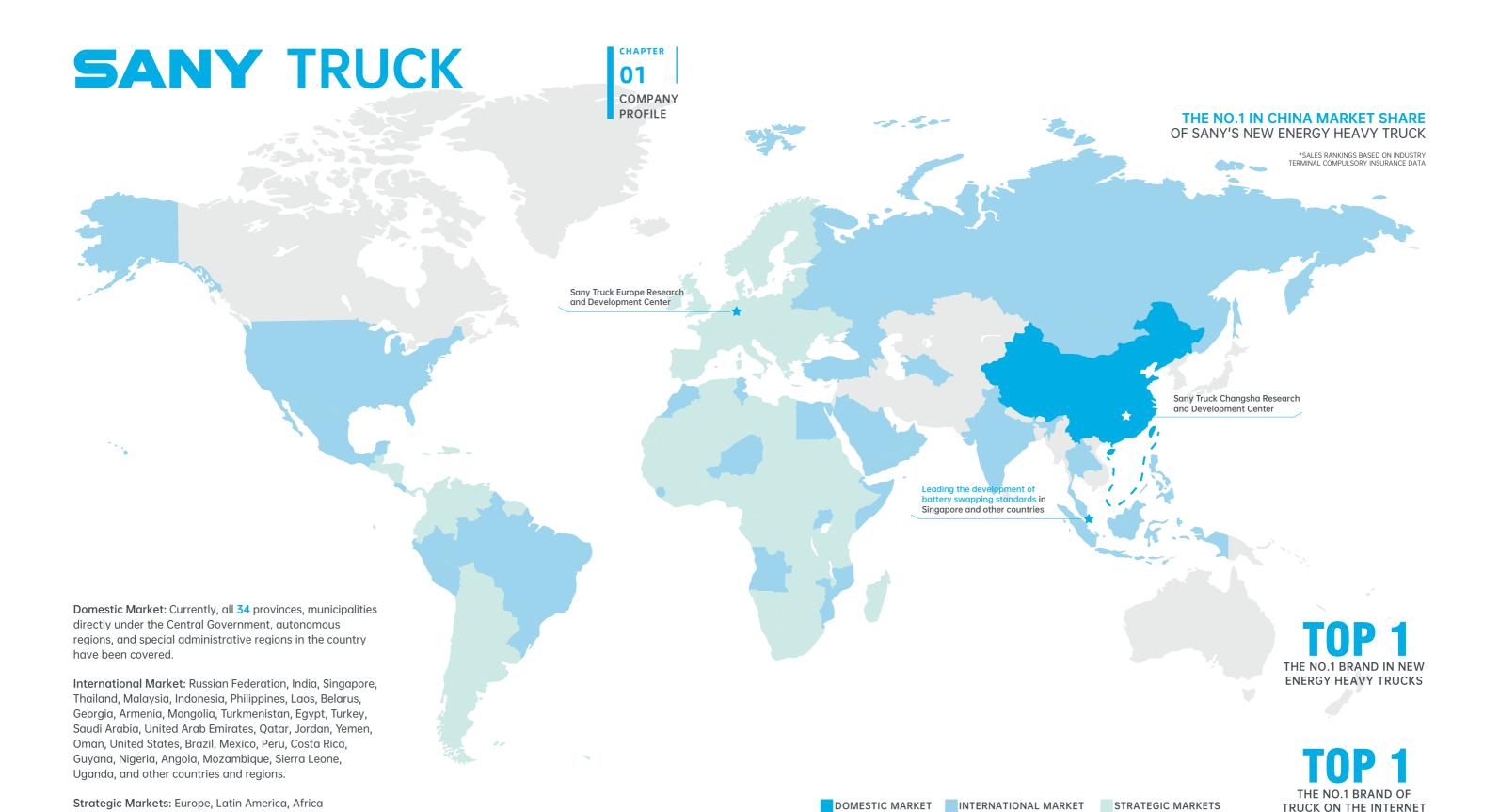
At present, it has launched electric heavy trucks, electric light trucks, intelligent battery swapping stations, mobile energy replenishment stations, hydrogen energy heavy trucks, hydrogen production stations, hydrogen storage stations and diesel heavy trucks and other products. After four years of development, SANY's new energy heavy trucks have achieved the highest cumulative sales nationwide, becoming the domestic sales champion.

In 2023, SANY Truck was selected for the Hurun Global Unicorn List 2023, ranking **504th** with a valuation of 1.9 billion USD. In 2024, it ranked **537th** on the list, holding the top position in Hunan Province.

HURUN GLOBAL UNICORN LIST 西海至源独用自務 2023全球独角兽榜 Global Unicorn Index 2023

三一重卡

胡润百富



MAJOR EVENTS IN SANY TRUCK

2018

On March 31st, the first batch

of 500 units sold out in 53

industrial products. In 2018, annual sales

was launched.

seconds, setting a precedent

exceeded 6,000 units, and the first Service Long March

for the online sales of domestic

CHAPTER

01

DEVELOPMENT HISTORY

2019

in the 70th anniversary celebration of National Day. serving as the flag guard.

revenue surpassed 3 billion.

2020

On July 12th, Sany Truck equipped with Sany Deutz engines were officially launched, marking the official entry into the era of independent power.

In 2020, annual sales exceeded 20,000 units, ranking sixth in the truck industry and becoming the leader of the second echelon. 2022

On December 30th,

2023

range.

On June 6th-7th, the

Mota 1165 electric Semi-

trailer Tractor achieved an

817.5-kilometer range on

a single charge, setting a

In 2023, it became the

first electric heavy truck

brand to enter the United

Arab Emirates, Indonesia,

and Singapore in batches,

leading the formulation

of battery swapping

such as Singapore.

standards in countries

world record for the longest

yuan Series A financing, with a market value of 12 billion.

heavy trucks won the championship eight times throughout the year, and the total annual sales were the first.

2024

On September 26th,

the industry's massproduced heavy truck with the largest battery capacity - Long Range 636 was launched.

saw its sales increased by 289%, securing its as the best-seller for the fourth consecutive year.

In 2024, SANY Truck market leadership

2017

Seventeen employees retraced the entrepreneurial path, established Sany Truck, and pioneered an entirely new business model.

On October 1st, participated

In 2019, sales exceeded 10,000 units, and sales

2021

On June 1st, the first

hydrogen fuel Semi-trailer

Tractor rolled off the line,

signifying Sany Truck's

hydrogen energy heavy

Kuwait set a record for

the fastest export of a

electric heavy trucks

achieved "three firsts"

and were acclaimed as

new energy heavy truck

"China's number one

brand."

new heavy truck brand;

official entry into the

In 2021, exports to

completed nearly 1 billion

In 2022, electric

13 SANY TRUCK ENTERPRISE BROCHURE

COMPLETE FAMILY GUIDE



























COMPLEMENTARY CHARGING PRODUCTS





2000KG HYDROGEN PRODUCTION AND REFUELING STATION

"Production + Refueling + Utilization" Integrated Hydrogen Energy Application Product





Integrated Charging and Swapping for Comprehensive Energy Replenishment



Construction
Time
< 99 mins

Swapping Time < 5 mins

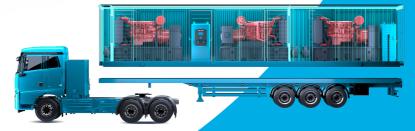
Covers an area of Only35 m²

Compatible with all Models



MOBILE CHARGING STATION

Flexible and Efficient, Versatile Emergency Energy Supply



4 kWh /L, high-energy conversion from oil

hree units for efficient energy release, with independent control of

measured system power factor up

A 360kW high-power charging pile

Automatic voltage regulation technology, AREP excitation technology, output voltage fluctuation <10%, stable power supply

SANY ELECTRIC HEAVY TRUCK

CHAPTER 01 MAIN BUSINESS

PUSHING BOUNDARIES TOWARDS A LOW-CARBON FUTURE

Design for User Needs

ONE Full-Brain

FOUR MAJOR INTELLIGENCE LINKS

THREE CORE ELECTRICS

EIGHT EXCELLENCES



LIGHTER WEIGHT MORE LOAD



OPERATIONS MANAGEMENT



SANY ELECTRIC LIGHT TRUCK

AGILITY TO NAVIGATE MARCH TO GLOBAL MARKET

Define Smart Transportation











LOADING A LOT AND RUNNING FAST



SMART AND FLEXIBLE







21 SANY TRUCK ENTERPRISE BROCHURE 22

SANY HYDROGEN FUEL CELL HEAVY-DUTY TRUCK

TRAVELING THOUSANDS OF MILES AWAY PROMISING A ZERO-EMISSION FUTURE

Hydrogen Makes Long-Distance Transportation Easier

O1
MAIN
BUSINESS

ONE ENERGY MANAGEMENT Independent R&D, Hydrogen Consumption as Low as 0.1kg per Kilometer

THREE CORE SYSTEMS

Hydrogen Storage, Three Electric Systems, and Fuel Ce Systems leading the industry



Helping Customers Step into the New Era of Zero Carbon Transportation



QUALITY CHANGES THE WORLD 24

SANY HEAVY TRUCK

CHALLENGING THE LIMITS OF TRANSPORT ENVIRONMENT

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

CHAPTER

O1

MAIN
BUSINESS

ONE POWERFUL POWERTRAIN

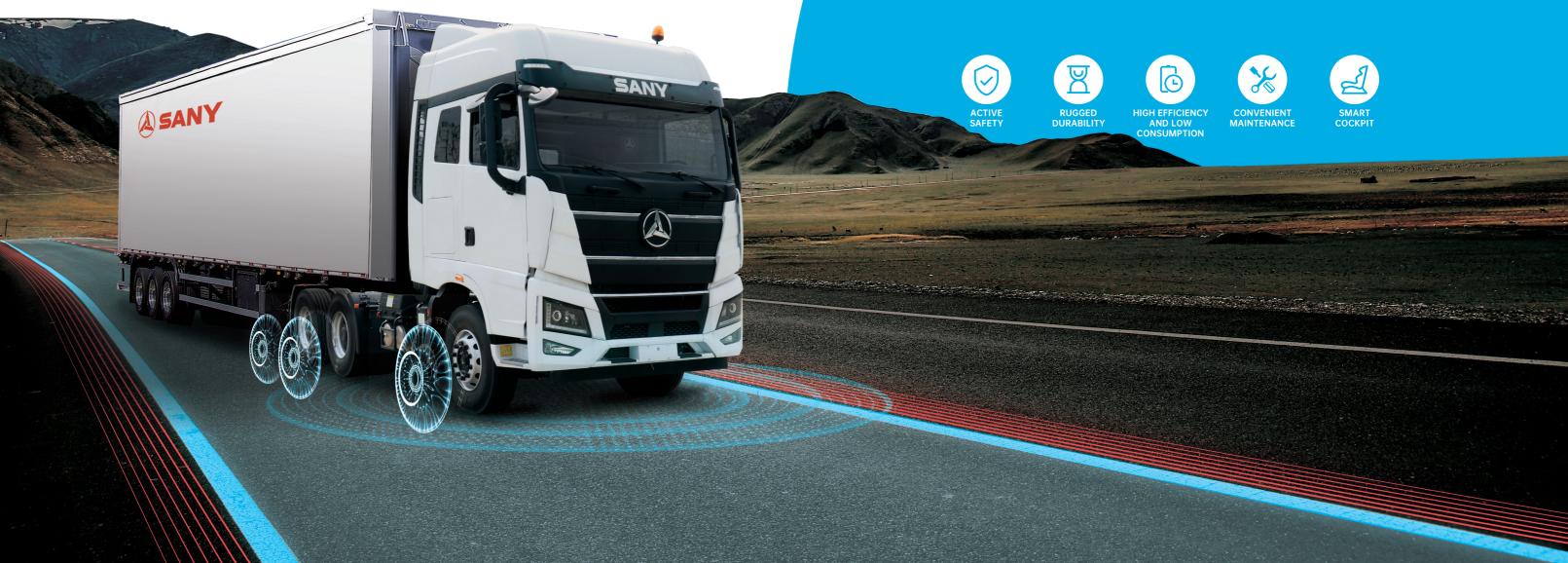
a diamond-grade power chain, unleashing dynamic power

FOUR ULTIMATE ENVIRONMENTAL CHALLENGES

Customized Configurations for Regional Markets, Efficiently Handlina Multiple Environment



Confidently Addressing a Variety of Regional Environments and Divers





QUALITY CHANGES THE WORLD 28

R&D **ACHIEVEMENTS**

Everything starts with innovation, empowering industry development.



INTELLECTUAL PROPERTY DEVELOPMENT

543 PATENTS

80 SOFTWARE COPYRIGHTS

Sany Truck places great emphasis on research and development (R&D) work, always viewing R&D innovation as the key to shaping core competitiveness. It continuously strengthens its technical research efforts and is committed to becoming a pioneer in the global new energy heavy-duty truck industry.

Sany Truck attaches great importance to the construction of intellectual property. As of March 2025, it has applied for a total of 848 patents, with 543 effective patents obtained, including 67 invention patents, 330 utility model patents, and 122 design patents. In addition, it has acquired 80 software copyrights and participated in the formulation of the national standard "Technical Requirements for Battery Swap Services of Operating Pure Electric Vehicles."



















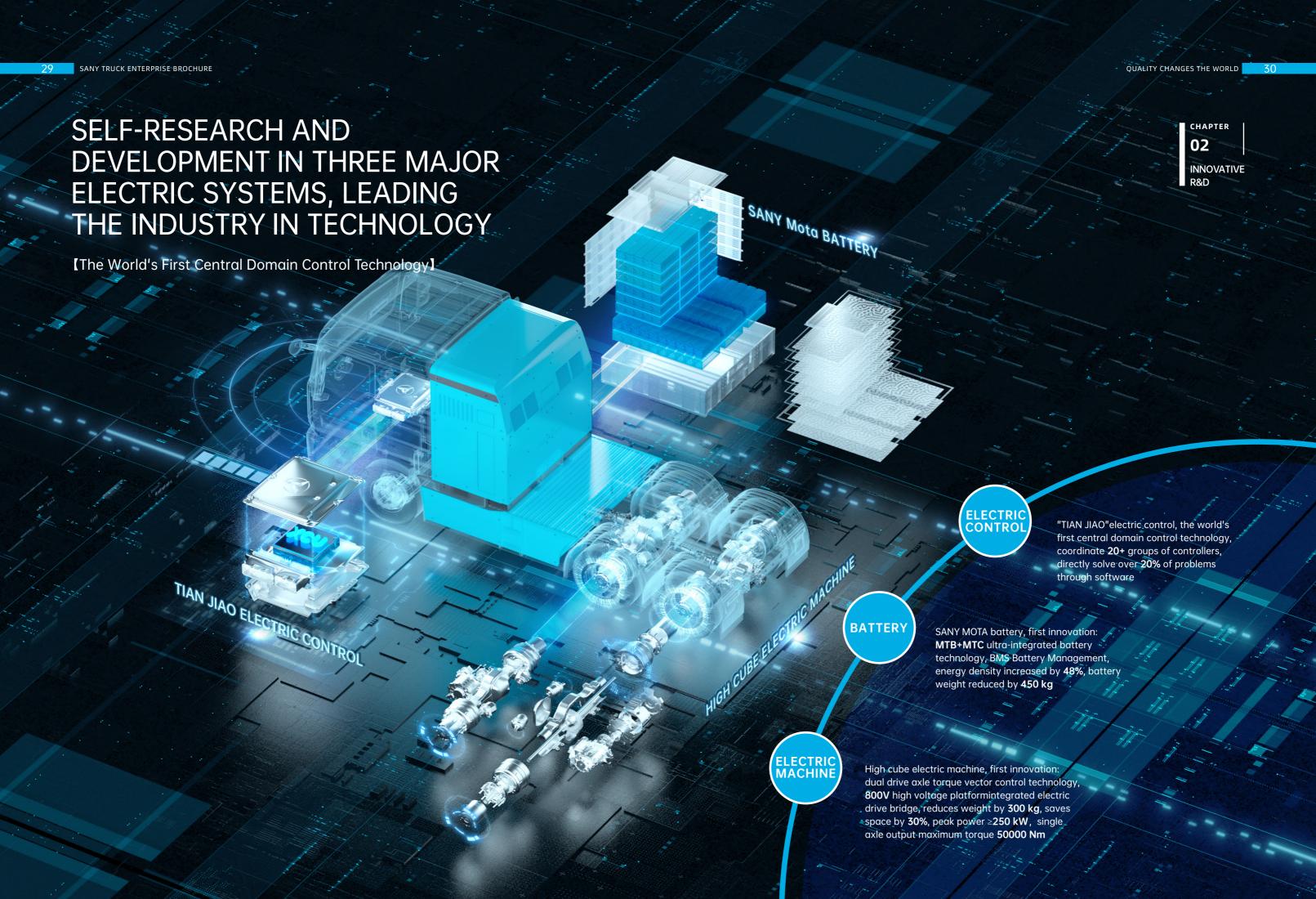
R&D INVESTMENT

The average annual R&D investment over the past three years has exceeded 28 million USD

R&D TEAM

Sany Truck continuously strengthens its core R&D capabilities, integrates top resources from the entire industry, and builds a cutting-edge R&D team. The company has established several special teams such as electrification, hydrogen energy, battery swapping, intelligent control, and digital simulation, comprehensively deploying and leading new industry developments.

Among them, there are more than 520 R&D personnel, with 5% holding doctoral degrees and **50%** holding master's degrees.



POWER CONTINUES TO LEAD, BREAKING BOUNDARIES OF ENDURANCE

【Sany Truck has always been the leader in the electric heavy-duty truck industry for the largest battery capacity and the longest range】

CHAPTER

02

INNOVATIVE

It possesses the industry's largest rear-mounted battery swap Semi-trailer Tractor, with a battery capacity of **588 kWh**

> It also has the largest battery capacity of any mass-produced charging Semi-trailer Tractor currently on the market, with a battery capacity of **636 kWh**

588 kWh

It has set the Guinness World Record for "**a single charge**, **a range of 817.5 km**

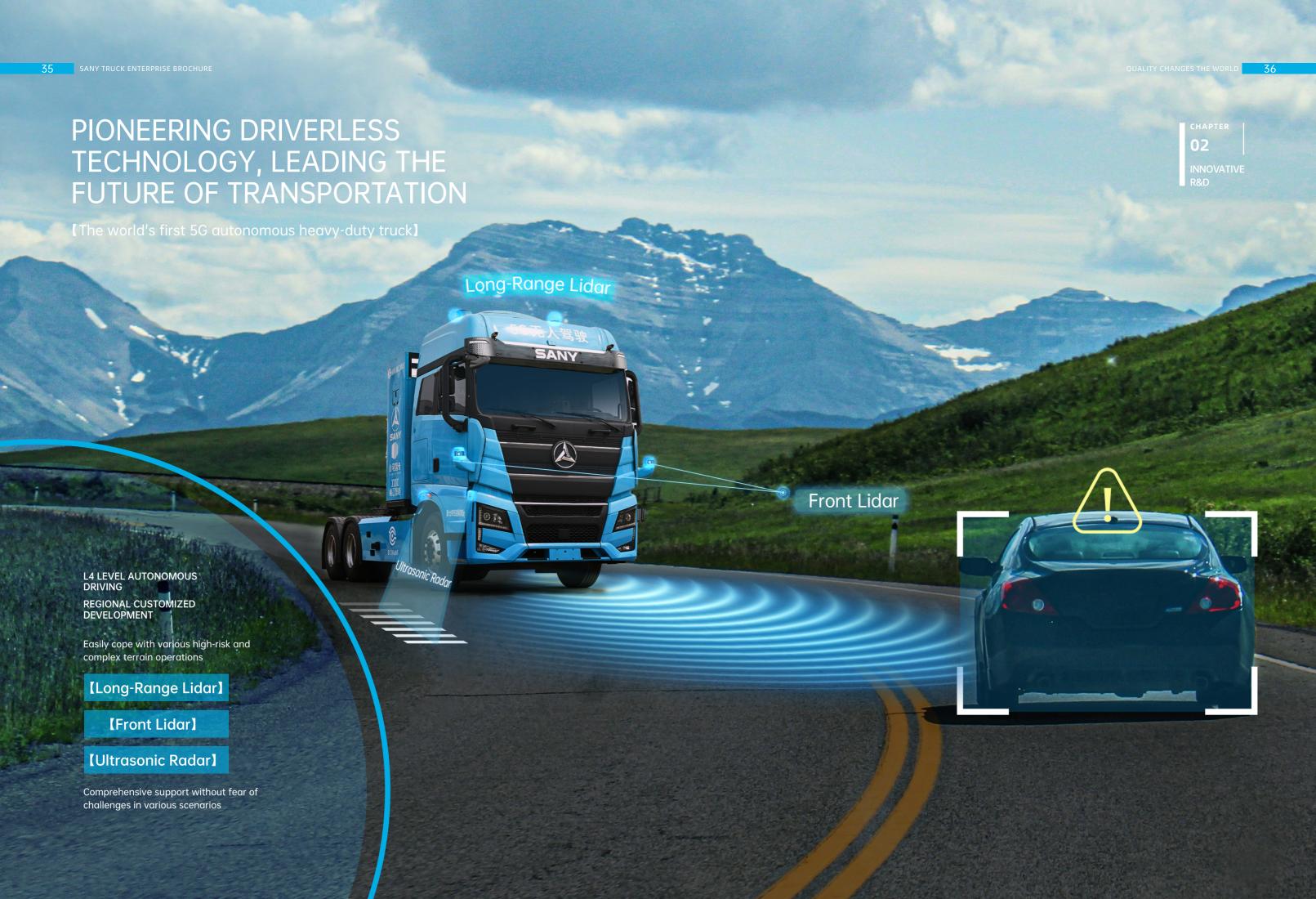
636 kWh

EXPLORING THE ULTIMATE ENERGY SOURCE, MAPPING THE ZERO-CARBON LANDSCAPE

[Full Industry Chain Layout of Wind-Solar-Hydrogen-Storage, Breaking Free from Subsidies to Promote the Comprehensive Application of Zero-Carbon Energy]

CHAPTER 02 **INNOVATIVE**





DEFINING SMART TRANSPORTATION WITH AGILE WIRE-CONTROLLED CHASSIS

[Fully realize the language conversion from mechanical operation to electronic signals]

CHAPTER

02

INNOVATIVE

Electronic power assistance, motorassisted braking, high voltage interlock power-off protection, wire - controlled passenger car-level auto-hold function

Three-mode power-assisted steering, smart manipulation autonomous correction

YUN DU Wire-Controlled Steering System

External motor, integrated electric drive axle, overall efficiency higher than that of traditional direct drive by 2%

YUN DU Wired

ontrol Brake

System

Intelligent gear shifting, smooth and precise, comfortable and low consumption

YUN DU Wired Shift Control

YUN DU Wired

Control Drive

System





Output Value of 150 billion yuan

Total Investment of billion yuan

Radiating Output Value of Solution Solution Value of Solution Solu

Total Planned Area of Acres

NATIONAL INTELLIGENT MANUFACTURING DEMONSTRATION

ONE OF THE TOP TEN INDUSTRIAL

HUNAN PROVINCE'S 5G

+ INDUSTRIAL INTERNET

DEMONSTRATION FACTORY

NATIONAL INDUSTRIAL TOURISM DEMONSTRATION BASE

A LANDMARK PROJECT OF DIGITAL NEW





A truck can be rolled off the production line every 6 minutes. It is the modern heavy truck factory with the highest degree of automation and the largest production capacity (300,000 units/year) in the world.

STEREOSCOPIC WAREHOUSE

700⁺AGV

 200^{+}_{ROBOTS}

EXCEEDING CUSTOMER EXPECTATIONS AND INDUSTRY STANDARDS

Self-developed fleet management system, helping customers expand their management radius, improve operational efficiency, and reduce operational costs





HAWK EYE Monitoring Function

Comprehensive monitoring to enhance fleet management efficiency



WEALTH CREATOR

Dispatch Function

Full-process dispatching to improve resource allocation efficiency



DATA CATCHER

Financial Function

Full-cycle settlement to enhance corporate operational efficiency



EARLY WARNING SENTINEL

Service Function Around-the-clock maintenance to improve driving safety and reliability



曲

SERVICE

Data Analysis Function Complete data analysis to improve management

decision-making capabilities

OEM DIRECT AFTER SERVICE



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 "oneon-one" butler-style on-site services.

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 on-site 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 life.

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.



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



SERVICE

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.



OEM DIRECT SALES

SERVICE

Create a high-quality, highcapacity "direct sales" iron army, standardize the visit process to effectively improve the quality of customer service, and provide customers with "1V1" personalized in-depth marketing services.

RESPONSE

The local branch company system builds an end-to-end sales and service triangle of marketing-R&D-service. The manufacturer dispatches directly, and the comprehensive response speed is faster; problems go directly to the main engine factory, and the manufacturer covers the entire product life cycle.

COST PERFORMANCE

Manufacturers directly connect with customers, eliminate middlemen, reduce costs, and provide cost-effective products to benefit customers.





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COOPERATIVE ENTERPRISES

















































招商局集團

















JNE 济宁能源































CARING FOR THE TRUCK DRIVER COMMUNITY

Since its establishment in 2017, Sany Truck has always adhered to the mission of "conveying love through trucks," providing tangible help to the truck driver community. It has organized multiple fundraising campaigns for drivers in difficulty, helping them through tough times; it has also provided free legal aid to drivers facing tough rights protection situations. Over the years, it has successfully helped countless drivers recover their freight fees and achieve their rights.

SOCIAL RESPONSIBILITY

Staying true to its commitments, it has invested tens of millions and organized "free car replacement for veterans" activities multiple times. It pioneered large-scale events such as "Confessions on the Roof," "Truck Music Festival," and "Xiangjiang Chivalrous Journey," influencing over one million drivers and effectively raising awareness about the truck driver community in society, enhancing their social status and sense of recognition.







CARING FOR THE TRUCK DRIVER COMMUNITY

03 SOCIAL RESPONSIBILITY

SUPPORTING PANDEMIC RESPONSE

In 2020, during the peak of the pandemic, Sany Truck donated 5,000 N95 masks free of charge to support the fight against the pandemic for Xisu trucks.. At the same time, it collaborated with a well-known laboratory in Guangdong to custom design a mobile cabin laboratory, which was sent to Yulin, Shaanxi, and Kashgar, Xinjiang, to support routine epidemic prevention efforts.





INDUSTRY-ACADEMIA-RESEARCH COLLABORATION

In 2023, it established a school-enterprise cooperation with Hunan University, sponsoring 1 million yuan to create the "Future Energy and Power Innovation Experimental Class." Relying on fully integrated engineering projects, multi-faceted open education, and innovative curriculum and teaching reforms, it achieves the unity of knowledge, ability, and quality cultivation, delivering industry-leading talents with knowledge, thought, passion, systematic structural thinking and innovation capabilities, and comprehensive engineering (management) skills to the industry.

PUBLIC WELFARE PROJECTS

conducts public welfare research and study trips, providing free research and study services for special children's groups; it supports public welfare organizations and contributes 100,000 yuan to support public welfare projects for out-of-school children, elderly people living alone, and more.





SUPPORTING THE **IMPLEMENTATION** OF THE DUAL TALK PLAN, STRIVING TO BE A PIONEER

Implementing New Quality and New Creation, it has established a series of companies such as Xinjiang Huiyi and Xiangjiang Technology, comprehensively promoting the application of new energy heavy-duty trucks in the Xinjiang area, contributing to the construction of a green Xinjiang. It is expected to increase local green electricity consumption by 200 million kWh, reduce carbon dioxide emissions by 100,000 tons, and create a radiating output value of over 1 billion yuan.

Reduced Carbon Dioxide Emissions by

290 Million Tons

Saved

Saved an Average of in Energy Costs per Year Compared

So far, the new energy heavy-duty trucks used by Sany Truck have cumulatively reduced carbon dioxide emissions by 290 million tons, equivalent to planting 322,000 trees and increasing the green area by 11,858,6 acres; they have saved 405 million liters of fuel, saving fuel costs of 1.658 billion yuan, and on average, saving 186,000 yuan in energy costs per year compared to oil trucks. With the comprehensive popularization of new energy heavy-duty trucks, these figures continue to grow.



