

# Global L3 Autonomous Driving System for Commercial Vehicles Market Growth (Status and Outlook) 2026-2032

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## Abstracts

The global L3 Autonomous Driving System for Commercial Vehicles market size is predicted to grow from US\$ 670 million in 2025 to US\$ 1101 million in 2032; it is expected to grow at a CAGR of 7.7% from 2026 to 2032.

Level 3 autonomous driving systems for commercial vehicles refer to systems where, in specific scenarios (such as intercity highways, closed parks, and ports), vehicles can autonomously complete environmental perception, decision-making, planning, and execution control, but the driver needs to take over driving control when requested by the system. Its core feature is 'human-machine co-driving,' where the system undertakes the primary driving tasks while retaining human intervention authority. It is suitable for high-efficiency scenarios such as long-distance logistics, unmanned delivery, and sanitation operations. The industry's gross profit margin is approximately 40-55%.

This report presents a comprehensive overview, market shares, and growth opportunities of L3 Autonomous Driving System for Commercial Vehicles market by product type, application, key players and key regions and countries.

Segmentation by Type:

Pre-installed Type

Aftermarket Type

Segmentation by Technology:

Multi-sensor Fusion

Pure Vision Solution

Vehicle-Road Cooperative

Segmentation by Function Category:

Basic Version

Full-Scenario Version

Segmentation by Application:

Mining Trucks

Transport Trucks

Others

This report also splits the market by region:

United States

China

Europe

Other regions

Japan

South Korea

Southeast Asia

Rest of world

The report also presents the market competition landscape and a corresponding detailed analysis of the major players in the market. The key players covered in this report:

Volvo

Mercedes-Benz

T-Truck

Cruise

Changan Automobile

BAIC Jihu

BYD

SAIC

Waymo

Huawei

Nissan

Aurora

Motional

Nuro

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