

Semi-Trailer Market Size & Share Analysis - Growth Trends and Forecast (2026 - 2031)

> ****Industry:**** Commercial Vehicles & Fleet (Automotive & Transportation)
> ****Source:**** https://www.mordorintelligence.com/industry-reports/semi-trailer-market
> ****Scraped Date:**** 2026-09-17

Executive Market Summary

Market Metric	Details
:---	:---
Base Market Size	USD 45.86 billion
Projected Forecast (2031)	USD 45.86 billion
Growth Rate (CAGR)	6.73 %
Largest Market Region	N/A
Fastest-Growing Region	N/A

Market Visualizations & Infographics

![Major players in Semi-Trailer industry](images/chart_2.png)

![Semi-Trailer Market Size](images/chart_3.png)

![Semi-Trailer Market Share by Vehicle Type, 2025](images/chart_4.png)

![Semi-Trailer Market Share by Foot Length, 2025](images/chart_5.png)

![Semi-Trailer Market Growth Rate by Region](images/chart_6.png)

![Semi-Trailer Market Concentration](images/chart_7.png)

![Icon](images/chart_8.png)

![footer background image](images/chart_10.png)

![Mordor Intelligence on Facebook](images/chart_12.svg)

![Mordor Intelligence on Pinterest](images/chart_14.svg)

![Mordor Intelligence on Instagram](images/chart_15.svg)

![ESOMAR](images/chart_17.png)

![GPTW](images/chart_19.png)

Comprehensive Research Analysis

Overview Points List Flex 49 Share Feature End

Market Overview

Study Period
|

2019 - 2031
|

Market Size (2026)
|

USD 33.12 Billion
|

Market Size (2031)
|

USD 45.86 Billion
|

Growth Rate (2026 - 2031)
|

6.73 %
|

Fastest Growing Market
|

Asia-Pacific
|

Largest Market
|

Middle East and Africa
|

Market Concentration
|

Medium
|

Major Players

*Disclaimer: Major Players sorted in no particular order

Image © Mordor Intelligence. Reuse requires attribution under CC BY 4.0.

|

Market Overview

Semi-Trailer Market Analysis by Mordor Intelligence

The semi-trailer market size is projected to expand from USD 31.33 billion in 2

USD 33.12 billion in 2025 and USD 45.86 billion in 2031, registering a CAGR of 6.73% between 2025 and 2031. Solid demand stems from e-commerce parcel surges, expanding cold-chain mandates, and infrastructure stimulus in high-growth economies. At the same time, volatile steel prices and elevated borrowing costs curb near-term fleet renewal. Fleet operators are weighing the upfront price of electrified axles, lightweight composites, and telematics against total-cost-of-ownership savings that vary by payload density and regional duty cycles. Manufacturers that pair modular body designs with predictive maintenance analytics are securing purchase orders from logistics firms seeking to minimize downtime. Competitive positioning, therefore, hinges on technology rollouts, warranty length, and financing flexibility rather than chassis price alone. Asia-Pacific buyers, in particular, are prioritizing ISO-compliant container chassis to navigate multimodal corridors that link ports, rail yards, and industrial parks.

Key Report Takeaways

- * By vehicle type, dry vans commanded a 40.85% share of the semi-trailer market in 2025, whereas refrigerated units are forecasted to expand at a 7.92% CAGR through 2031.
- * By tonnage, the 25 to 50 tons bracket accounted for 42.61% of the semi-trailer market size in 2025, while trailers weighing less than 25 tons are expected to post the highest CAGR of 8.32% through 2031.
- * By foot length, 28 to 45 ft trailers captured 56.19% revenue share in 2025, whereas above 45 ft configurations are advancing at an 8.12% CAGR to 2031.
- * By end-use industry, transportation and logistics accounted for 40.12% of the market size in 2025; cold-chain logistics is expected to post the fastest growth at a 9.22% CAGR to 2031.
- * By geography, Asia-Pacific led with 35.87% of the global market size in 2025; the Middle East and Africa region is projected to record the highest CAGR at 7.42% through 2031.

Key Market Trends

Market Trends and Insights

Drivers Impact Analysis of Semi-Trailer Market*

Driver |
(~)% Impact on CAGR Forecast |
Geographic Relevance |
Impact Timeline |

E-Commerce Freight Boom

|

+1.8%
|

Global, with concentration in North America, Europe, and APAC urban corridors

Medium term (2-4 years)

Expansion of Cold-Chain Logistics

|

+1.5%

Global, led by North America and Europe for pharmaceuticals; APAC for perishables

Long term (≥ 4 years)

Trailer Telematics Adoption

|

+1.2%

|

North America and Europe (ELD mandates); emerging adoption in APAC and MEA

|

Short term (≤ 2 years)

|

Infrastructure Stimulus

|

+1.0%
|

APAC (China, India), MEA (Saudi Arabia, UAE), South America (Brazil, Argentina)
|

Long term (≥ 4 years)
|

Electrified Regenerative-Axle Trailers

|

+0.8%
|

North America and Europe (early adopters); pilot programs in APAC
|

Medium term (2-4 years)

60-Ft Dry-Van Rules

|

+0.5%

United States (state-level pilots), Canada

Medium term (2-4 years)

Competitive Landscape

Competitive Landscape

Global semi-trailer supply is moderately concentrated. Incumbents are shifting from steel-intensive chassis to aluminum and composites that reduce tare weight by 10%–15% and comply with forthcoming greenhouse gas regulations. Larger OEMs are vertically integrating their telematics and refrigeration subsidiaries to offer turnkey solutions, securing multi-year contracts with 3PLs. Smaller entrants counter by offering rapid customization for e-commerce fleets, emphasizing lead-time agility and low minimum order quantities.

Technological differentiation is intensifying. Hyliion launched an electric axle retrofit kit that promises significant fuel savings without requiring a new tractor, targeting North America's installed base of millions of trailers. Chinese manufacturers benefit from state subsidies and integrated steel supply, which enables them to offer price discounts that pressure Western OEM margins. In response, incumbents highlight their service networks, warranty terms, and adherence to ISO 9001 standards.

Strategic risks center on monetary policy and volatility in raw materials. Interest rates above 4% increase leasing expenses, especially for SMEs, while hot-rolled coil price fluctuations of USD 700–950 per ton distort budgeting. OEMs with long-term steel contracts or in-house fabrication mitigate margin erosion. Electrified regenerative-axle adoption remains constrained by sparse charging infrastructure, yet pilot projects with national fleets indicate growing momentum. Autonomous-ready trailers that incorporate V2V interfaces and redundant braking systems are under field trials, positioning early movers for future platooning regulations.

Semi-Trailer Industry Leaders

*

Schmitz Cargobull AG

*

Krone GmbH & Co. KG

*

Hyundai Translead

*

Wabash National Corporation

*

Great Dane LLC

*

*Disclaimer: Major Players sorted in no particular order

Image © Mordor Intelligence. Reuse requires attribution under CC BY 4.0.

Scope Methodology P Space

The semi-trailer market is defined as the value of brand-new, factory-built semi-trailers sold for on-road freight movement, where the trailer relies on a fifth-wheel coupling for front support. Market value is treated at ex-factory pricing .

Scope exclusions: used semi-trailer resale, rental income, and dealership or service revenues are excluded from the market size.

Segmentation Container

*

By Vehicle Type

*

Flatbed

*

Dry Van

*

Refrigerated (Reefer)

*

Lowboy

*

Tanker

*
Curtain-Sider

*
Other Types

*
By Tonnage

*
Below 25 Ton

*
25 Ton - 50 Ton

*
51 Ton - 100 Ton

*
Above 100 Ton

*
By Foot Length

*
28 - 45 ft

*
Above 45 ft

*
By End-Use Industry

*
Transportation and Logistics

*
Food and Beverage

*
Construction and Mining

*
Agriculture

*
Manufacturing and Industrial Goods

*
Retail and E-commerce

*
By Geography

*
North America

*
United States

*
Canada

*
Rest of North America

*
South America

*
Brazil

*
Argentina

*
Rest of South America

*
Europe

*
Germany

*
United Kingdom

*
France

*
Italy

*
Spain

*
Russia

*
Rest of Europe

*
Asia-Pacific

*
China

*
India

*
Japan

*
South Korea

*
Australia

*
Rest of Asia-Pacific

*
Middle East and Africa

*
Turkey

*
Saudi Arabia

*
United Arab Emirates

*
South Africa

*
Rest of Middle East and Africa

Frequently Asked Questions

How large is the semi-trailer market in 2026?

The semi-trailer market size stood at USD 33.12 billion in 2026.

What is the expected growth rate through 2031?

Market value is projected to expand at a 6.73% CAGR, reaching USD 45.86 billion by 2031.

Which vehicle type leads current demand?

Dry vans hold 40.85% of 2025 market revenue, supported by retail and e-commerce freight.

Which region shows the fastest growth?

The Middle East and Africa are projected to post the highest CAGR at 7.42% through 2031.

Why are refrigerated trailers growing quickly?

Biologics distribution guidelines and rising perishable-food trade boost reefer demand at a 7.92% CAGR.