

Spare Parts Logistics Market Size & Share Analysis - Growth Trends and Forecast (2026 - 2031)

> ****Industry:**** E-Commerce Logistics & Warehousing (Logistics & Supply Chain)
> ****Source:**** https://www.mordorintelligence.com/industry-reports/spare-parts-logistics-market
> ****Scraped Date:**** 2026-09-17

Executive Market Summary

Market Metric	Details
Base Market Size	USD 51.57 billion
Projected Forecast (2031)	USD 51.57 billion
Growth Rate (CAGR)	4.89 %
Largest Market Region	N/A
Fastest-Growing Region	N/A

Market Visualizations & Infographics

! [Major players in Spare Parts Logistics industry] (images/chart_2.png)

! [Spare Parts Logistics Market Size] (images/chart_3.png)

! [Spare Parts Logistics Market Share by Service Type, 2025] (images/chart_4.png)

! [Spare Parts Logistics Market Share by End User Industry, 2025] (images/chart_5.png)

! [Spare Parts Logistics Market Growth Rate by Region] (images/chart_6.png)

! [Spare Parts Logistics Market Concentration] (images/chart_7.png)

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Comprehensive Research Analysis

Overview Points List Flex 49 Share Feature End

Market Overview

Study Period	2020 - 2031
Market Size (2026)	USD 51.57 Billion
Market Size (2031)	USD 65.47 Billion
Growth Rate (2026 - 2031)	4.89 %
Fastest Growing Market	Asia Pacific
Largest Market	Asia Pacific
Market Concentration	Medium

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Market Overview

Spare Parts Logistics Market Analysis by Mordor IntelligenceThe Spare Parts Logistics Market size is expected to grow from USD 49.22 billion in 2025 to USD 51.57 billion in 2026 and is forecast to reach USD 65.47 billion by 2031 at 4.89% CAGR over 2026-2031.

The spare parts logistics market is evolving toward service-driven and uptime-critical models, where rapid availability of components directly impacts operational continuity across industries. Global integrators are strengthening their position by securing multi-country aftermarket contracts and expanding network capabilities through strategic acquisitions. At the same time, the rise of complex equipment, particularly in automotive electrification and industrial automation, is increasing demand for specialized handling, reverse logistics, and inventory re-positioning.

In mature markets, aging infrastructure and regulatory requirements continue to support steady demand for spare parts services, while emerging economies are driving volume growth through expanding manufacturing activity. Technology adoption, including predictive maintenance and real-time visibility tools, is further enabling providers to shift from transactional logistics toward outcome-based service models focused on uptime assurance.

Key Report Takeaways

- * By service type, transportation services led with 41.78% of the spare parts logistics market share in 2025, while value-added services are forecast to expand at a 6.32% CAGR through 2031.
- * By source channel, the OEM channel accounted 52.67% of the spare parts logistics market size in 2025, and the independent aftermarket is projected to grow at 6.81% annually.
- * By end-use industry, automotive accounted for 49.12% of the spare parts logistics market share in 2025, while healthcare equipment logistics is advancing at a 5.87% CAGR.
- * By business type, B2B represented 68.97% market share in 2025, and B2C channels are growing at a 5.87% CAGR.
- * By geography, Asia-Pacific captured 38.21% of the market size in 2025 and is expected to grow at a 5.21% CAGR to 2031.

Key Market Trends

Global Spare Parts Logistics Market Trends and InsightsDrivers Impact Analysis*
Driver | (~) % Impact on CAGR Forecast | Geographic Relevance | Impact Timeline |
Aging Industrial Equipment Base Requiring Frequent Replacements | + 0.9% | Global, with concentration in North America and Europe | Long term (≥ 4 years) |
Shift from Product Sales to Service-Based Revenue Models | + 1.2% | Global, led by North America and Europe, expanding to Asia | Medium term (2-4 years) |
Equipment Downtime Cost Pressures Demanding Faster Delivery | + 1.0% | Global, especially manufacturing-intensive regions in Asia-Pacific and North America | Short term (≤ 2 years) |
Complex Machinery Adoption in Emerging Manufacturing Hubs | + 0.8% | APAC core (China, India, Indonesia, Vietnam), spill-over to MEA | Long term (≥ 4 years) |
Growth of Multi-Brand Service Providers | + 0.5% | North America & EU, emerging in Asia-Pacific | Medium term (2-4 years) |

Increasing Equipment Utilization Rates Accelerating Wear Cycles | + 0.7% | Global, particularly in automotive and industrial manufacturing sectors | Medium term (2-4 years) |
Source: Mordor Intelligence |

Competitive Landscape

Competitive Landscape

The spare parts logistics market remains moderately fragmented overall, though high-value and multi-country aftermarket contracts are increasingly consolidating among global integrators. DSV's April 2025 completion of DB Schenker's acquisition expanded a platform with about DKK 310 billion (USD 45.0 billion) in revenue and almost 160,000 employees, signaling the capital intensity and network depth needed to support outcome-based service levels. In March 2026, Echo Global Logistics closed its purchase of ITS Logistics, creating one of North America's largest third-party logistics platforms with about USD 5.2 billion in pro forma 2025 revenue and an emphasis on AI-driven capacity matching and shipment execution. These moves highlight an industry pivot from transactional brokering to integrated, technology-enabled partnerships that tie logistics outcomes to contract renewals.

Differentiation is shifting toward visibility, predictive analytics, and certified handling capabilities in the spare parts logistics market. CEVA and HAECO's global air-freight agreement illustrates sector-specific specialization for aerospace components that require rapid response, dangerous-goods handling, temperature control, and continuous operations. In medical equipment, the FDA's Quality Management System Regulation, finalized in 2026, reinforces expectations for documentation and quality controls across storage, installation, and servicing. Integrators and regionals that demonstrate audited compliance can build competitive moats, especially when paired with outcome guarantees.

Healthcare logistics consolidates end-to-end solutions that combine delivery, site preparation, regulatory documentation, and ongoing spare parts replenishment in the spare parts logistics market. Nippon Express Holdings' 2025 acquisition of Germany's Simon Hegele built a global healthcare platform focused on large equipment and industrial logistics, aligning installation expertise with international forwarding. In parallel, asset-based and brokerage-led networks continue to invest in network density, quality systems, and AI-enabled planning that reduce emergency purchases and rework. As digital marketplaces make prices and lead times transparent, providers compete on measurable reliability and data-driven inventory placement rather than rate-only strategies in the spare parts logistics market.

Spare Parts Logistics Industry Leaders* DHL Supply Chain & Global Forwarding

- * Kuehne + Nagel International AG
- * DSV A/S
- * Expeditors International of Washington
- * C.H. Robinson

* *Disclaimer: Major Players sorted in no particular order
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Component Component 3 Scope Of The Report Bottom

Global Spare Parts Logistics Market Report ScopeThe Spare Parts Logistics Market Report is Segmented by Service Type (Transportation [Road, Air, Sea, Rail], Warehousing & Distribution, Value-Added Services), Source Channel (OEM Channel, Ind

dependent Aftermarket [IAM]), End-Use Industry (Automotive, Aerospace & Defense, Electronics & Semiconductors, Industrial Machinery & Heavy Equipment, Energy & Power, Healthcare Equipment, Maritime & Shipbuilding, Others), Business Type (Business to Business [B2B], Business to Consumer [B2C]), and Geography (North America [United States, Canada, Mexico], South America [Brazil, Peru, Chile, Argentina, Rest of South America], Asia-Pacific [India, China, Japan, Australia, South Korea, South East Asia, Rest of Asia-Pacific], Europe [United Kingdom, Germany, France, Spain, Italy, BENELUX, NORDICS, Rest of Europe], Middle East and Africa [United Arab Emirates, Saudi Arabia, South Africa, Nigeria, Rest of Middle East And Africa]). The Market Forecasts are Provided in Terms of Value (USD Billion).

By Service Type
Transportation | Road |
| Air |
| Sea |
| Rail |
Warehousing & Distribution |
Value-Added Services |

Segmentation Accordion Item

By Geography
North America | United States |
| Canada |
| Mexico |
South America | Brazil |
| Peru |
| Chile |
| Argentina |
| Rest of South America |
Asia-Pacific | India |
| China |
| Japan |
| Australia |
| South Korea |
| South East Asia (Singapore, Malaysia, Thailand, Indonesia, Vietnam, and Philippines) |
| Rest of Asia-Pacific |
Europe | United Kingdom |
| Germany |
| France |
| Spain |
| Italy |
| BENELUX (Belgium, Netherlands, and Luxembourg) |
| NORDICS (Denmark, Finland, Iceland, Norway, and Sweden) |
| Rest of Europe |
Middle East and Africa | United Arab of Emirates |
| Saudi Arabia |
| South Africa |
| Nigeria |
| Rest of Middle East And Africa |

Frequently Asked Questions

What is the spare parts logistics market size in 2025 and the forecast for 2031?

The spare parts logistics market size was USD 49.22 billion in 2025 and is projected to reach USD 65.47 billion by 2031 at a 4.89% CAGR.

Which region holds the largest share of the spare parts logistics market?

Asia-Pacific led with 38.21% of 2025 revenue and is expected to grow at a 5.21% CAGR, supported by automotive, electronics, and aerospace value chains.

Which end-use vertical is the largest in the spare parts logistics market?

Automotive accounted for 49.12% of demand in 2025, driven by extended fleet life cycles and the growth of electric powertrains that require specialized logistics .

What capabilities are most important for winning contracts in the spare parts logistics market?

High fill rates, accurate lead times, sector certifications, and integrated visibility platforms are critical, especially where uptime guarantees and regulated handling are required.

How are regulations shaping healthcare equipment flows in the spare parts logistics market?

The United States FDA implemented the Quality Management System Regulation in 2026 that aligns with ISO 13485:2016, raising expectations for storage, installation, and servicing practices across healthcare logistics.

What strategic moves signal consolidation in the spare parts logistics market?

DSV's acquisition of DB Schenker and Echo Global Logistics' acquisition of ITS Logistics show how providers are scaling integrated, tech-enabled platforms to support multi-country and multi-modal service commitments.