

Truck Trailer Landing Gear Market: Current Analysis and Forecast (2025-2033)

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Abstracts

The global truck trailer landing gear market is steadily growing due to increased freight volumes, logistics fleet expansions, and the need for a safer, faster way to couple and uncouple trailers. Landing gear systems are popular in dry vans, flatbeds, tankers, and refrigerated trailers to give the vehicles a stable support when parked and loading to increase their operational efficiency and minimize the chances of the trailers tipping over or damage to their equipment. In addition, improvement in the production of trailers and replacement demand, as well as infrastructure and warehousing investments, are further increasing the adoption. Producers are now launching special designs, including lightweight and heavy-load landing gear, crank gear, two-speed gear, improved corrosion-resistant finishes, and powered/electric landing gear, to enhance ease of operation. At the same time, the price level, availability of parts, after-sales service, and the possibility to adapt to a mounting height, lift capacity, and duty cycles are also coming out as key differentiators, with the suppliers striving to address the varying fleet needs and be durable, reliable, and cost-effective in the long run all over the world.

The Truck Trailer Landing Gear Market is expected to grow at a 5.04% CAGR during the forecast period (2025-2033F).

The primary drivers of the global truck trailer landing gear market are increased freight transportation volumes and growth in commercial trailer production worldwide. Trailer OEMs, fleet operators, logistics service providers, and aftermarket service networks rely on landing gear to ensure the safety of unhitched trailers when parking, loading, and coupling, as well as enhancing stability, safety, and uptime. The increased demand is further enhanced by heavier payload, increased speed of turnaround at docks and yards, and increased rigor of safety and durability criteria of the major chassis components. Manufacturers are enhancing their portfolios with higher-capacity load

systems, improved gear mechanisms, corrosion-resistant finishes, and powered or ergonomic usage options. Further, the service support responsiveness, the presence of spares, the installation advice, and maintenance support services would be critical in customer retention in a fast, competitive, fast-developing global market with its fluctuating fleet needs.

Based on operation, the market is categorized into manual truck landing gear and automatic truck landing gear. In 2024, manual truck landing gear holds the largest share of the global truck trailer landing gear market. Manual landing gear can provide a good balance between low cost and heavy-duty cycles across various trailer types. It enables reliable trailer support during coupling/uncoupling and loading, with very low system complexity, making it easier to maintain and repair across fleets and independent owner-operators. Additionally, manual systems are very popular in low-cost markets and high-volume trailer construction because they are readily supplied and set up and require less capital investment than powered systems, helping establish dominance in these segments. In the meantime, automatic truck landing gear is projected to grow at the highest rate over the forecast period due to increasing pressure to enhance yard efficiency, reduce driver fatigue, and improve workplace safety.

Based on lifting capacity, the market is categorized into less than 20,000 LBS, 20,000 LBS to 50,000 LBS, and more than 50,000 LBS. In 2024, 20,000 LBS to 50,000 LBS holds the largest share of the global truck trailer landing gear market. The range of capacity is popular across typical trailer designs, including dry vans, reefers, and flatbeds, because it offers the most practical balance of load support, durability, and cost in daily freight operations. It also fits with typical requirements of trailer GVWR and kingpin load, and is a suitable choice in both OEM fitment and aftermarket replacement. In addition, such units can be readily standardized across fleets, provide wide availability of parts, and provide reliable performance in high coupling/ uncoupling rates, which are used to support segment leadership. Meanwhile, more than 50,000 LBS is likely to record the greatest growth during the forecast period, as heavy-haul activity increases, payload capacity rises, and demand for specialized trailers such as tankers, lowboys, and equipment carriers grows. Demands for rugged and corrosion-resistant landing gear to support harsh conditions, increasing infrastructure development, increasing energy and construction logistics, and the trend towards higher capacity systems are hastening higher capacity system adoption. Less than 20,000 LBS still finds some use in lighter-duty and specialty applications in which the cost sensitivity and reduced weight demands continue

to be important factors in purchasing decisions.

Based on sales channel, the market is categorized into OEM and aftermarket. In 2024, OEM holds the largest share of the global truck trailer landing gear market. The OEM demand is also bolstered by a stable demand in trailer output, fleet growth, and retrofitting old equipment since landing gear is a standard fitting in new trailers of most types. Trailer manufacturers are more willing to use well-established landing gear vendors that would be able to accommodate volume, maintain consistency, and offer standardized designs that would fit with chassis layouts and regulatory and safety standards. Besides, the advantages of OEM purchases include long-term supply contracts, price stability, and simplicity of integration into the trailer assembly process that maintains the dominance of the segments. Meanwhile, the aftermarket will see the fastest growth over the forecast period, driven by the expansion of the trailer parc, longer maintenance cycles, and reduced downtime by ensuring parts replacement takes less time. Rough working conditions, exposure to corrosion, and frequent yard work increase wear, accelerating replacement leg, gear set, pad, and retrofit kit demands. Also, increased use of upgraded solutions like corrosion-resistant finishes, increased capacity models, and conversion to powered landing gear and full reach in service network is leading to aftermarket expansion in many parts of the world.

For a better understanding of the demand of truck trailer landing gear, the market is analyzed based on its worldwide adoption in countries such as North America (U.S., Canada, and the Rest of North America), Europe (Germany, U.K., France, Spain, Italy, Rest of Europe), Asia-Pacific (China, Japan, India, and the Rest of Asia-Pacific), and Rest of World. The Asia-Pacific region holds the highest global market share for truck-trailer landing gear in 2024, supported by robust commercial vehicle manufacturing, growing freight volumes, and significant trailer manufacturing bases in China, India, Japan, and South Korea. The large number of new trailer construction projects, the rapid development of logistics and e-commerce distribution, and the widespread adoption of standardized landing-gear components also contribute to the region's landing-gear supply. The further growth of industrial belts, port networks, and warehouse chains reinforces Asia-Pacific's role in overall trailer and component usage and sustains replacement cycles among large operating fleets. Additionally, the localized supply chains for steel, castings, fasteners, and component fabrication are well developed, enhance cost competitiveness and lead times, and are therefore more widely adopted than in other regions. However, North America

shows the fastest growth rate over the forecast period, supported by sustained freight flows, fleet renewal, and increasing demand for higher-performance, easier-to-operate landing gear in the U.S. and Canada. The increased attention to yard efficiency, driver ergonomics, and safety requirements, along with the growing interest in powered/automatic landing gear alternatives, further drives market growth in the area.

Some major players running in the market include AXN Heavy Duty, BPW Bergische Achsen KG, Butler Products, Guangdong Fuwa Engineering Group Co., Ltd., Haacon Hebetchnik GmbH, Jost International, SAF-HOLLAND SE, Yangzhou Tongyi Machinery Co., Ltd., Dexter Axle Company, and Reese (First Brands Group).

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