

North America (US) Plate Compactors



3,200

2024 Production Forecast

3,200 units is the estimate by Power Systems Research of the number of Plate Compactors expected to be produced in North America in 2024.

Plate Compactors, also known as plate vibrators, are used to compact soils, base materials, sand beddings and pavers, to promote interlocking.

One key piece of equipment for almost all jobs is a plate compactor. There are three main categories of plate compactors: a single plate, reversible plate and heavy-duty compactors, mostly used for soil and asphalt compaction. The most popular are reversible plate compactors because they can go in both directions (forward/backward).

This product information comes from industry interviews and from two proprietary databases maintained by Power Systems Research: **EnginLink™**, which provides information on engines, and **OE Link™**, a database of equipment manufacturers.

Exports: Up to 30% worldwide.

Market Share: Leading the Plate Compactors market in North America is M-B-W with 52% of total units produced.

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In second position is Canadian-based Bartell Morrison with 35%; third, is Vibco with 5.5%

Trends. In 2023, production of Plate Compactors in NA decreased 28.4%. Production is expected to remain flat with a slight decrease of 1% in 2024. The decline is mostly due to Exmark (Toro) discontinuing their line of forward plate compactors along with other company models being discontinued. The market hasn't recovered from 2020 Covid-19 related factors. Even though there is a desire for new equipment, the constantly fluctuating construction market hinders demand.

Expect the production of Plate Compactors in NA to increase up to 10% by 2030.

Electrification of this segment has continued at a modest pace in recent years. The leading companies in electric products are Packer and Vibco.

Battery/Corded Combined			Corded only:		
2022	25		2022	24	
2023	26	4% increase	2023	27	12.5% increase
2024	32	23% increase	2024	30	11% increase

Battery only:		
2022	1	
2023	1	Remained flat no change
2024	2	100% increase 1 to 2 units

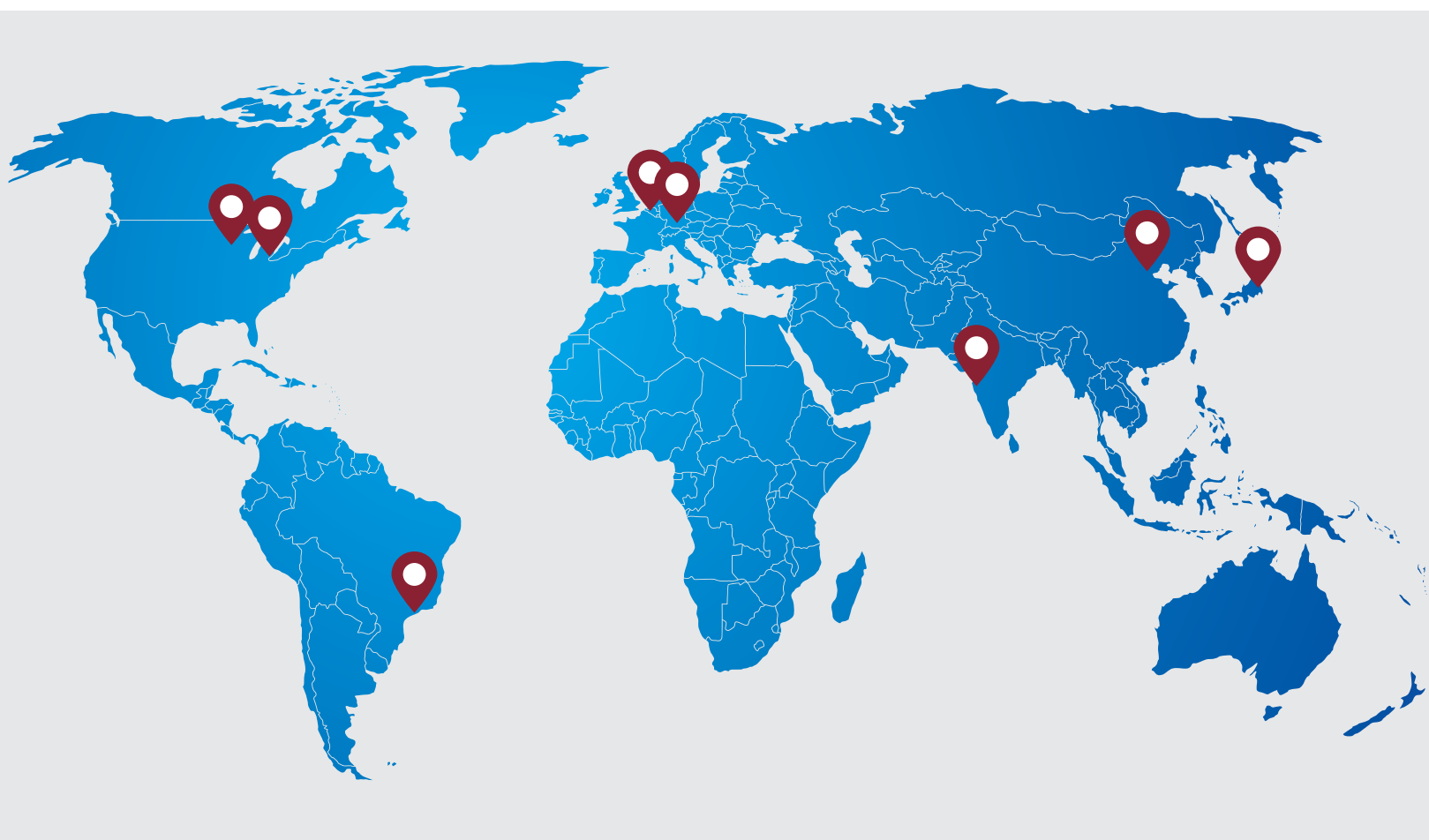
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About Power Systems Research

Power Systems Research (PSR), established in 1976, is the leading source of data, analysis and forecasting on the global production of engines and engine-powered equipment, including class 8 vehicles. One of its databases, EnginLink,™ includes production figures down to the model level for OEMs in key market segments, such as commercial vehicles. PSR's global research network includes eight offices and stretches across 200 countries and four continents.



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