

The Analysis of Fastener Machinery Market in USA

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The global industrial fasteners market is anticipated to hit USD 137.79 billion by 2026 driven by the recovering global economy and strengthening manufacturing sector. The increasing industrial demand in the manufacturing, construction, packaging and agriculture is anticipated to move the fastener industry forward much faster in the future. Particularly, the increase in government expenditure in the residential, industrial and commercial construction sectors contributes significantly to the industrial fastener market. Consequently, the more fastener products used in diverse industries, the more fastener machinery required to be equipped by fastener manufacturers.

With regard to the topic of this article, focusing more on the US market, we should say that fast population shift from rural areas to urban areas and increasing disposable income in this country, and North America in general, drive large investment in construction like skyscrapers that, in turn considerably spark industrial fastener market growth. North America will account for substantial share valuing at 24.95 Billion in 2026 growing at a CAGR of 4.0% in the fastener market. In the U.S., automotive application is another key driver of fastener market in both machinery and end products. Generally, U.S. fastener industry creates a multi-billion-dollar segment of the economy supported by a large number of wide-ranging companies manufacturing and trading fastener products, tools and machinery.

Machinery manufacturing is one of the largest and most competitive sectors of U.S. manufacturing economy. In 2018, for instance, total exports of capital equipment in this industry reached USD 141 billion. Leading markets for U.S. machinery exports include Canada, Mexico, China, Germany, and Australia. The United Kingdom, Brazil, Japan, Singapore, and Belgium add to the top ten export markets. On average, the European Union was U.S. machinery manufacturers' third-largest market in recent years, after Canada and Mexico. Among the extensive types of machinery manufactured in the United States, construction machinery, engine equipment, industrial process controls, agricultural equipment, fastener machinery and turbines and turbine generator sets led U.S. exports in last few years.

The fastener machinery industry in the U.S. is anticipated to continue its growth in the future. As mentioned, the growth of the construction industry is one of the key growth factors for this market. Construction activities require steel parts as those components are important in providing the required strength to the overall structure. With the substantial growth in the number of construction activities, the market size of fastener machinery will grow enormously. The construction sector in the U.S. is estimated to witness outstanding growth in the residential construction segment.

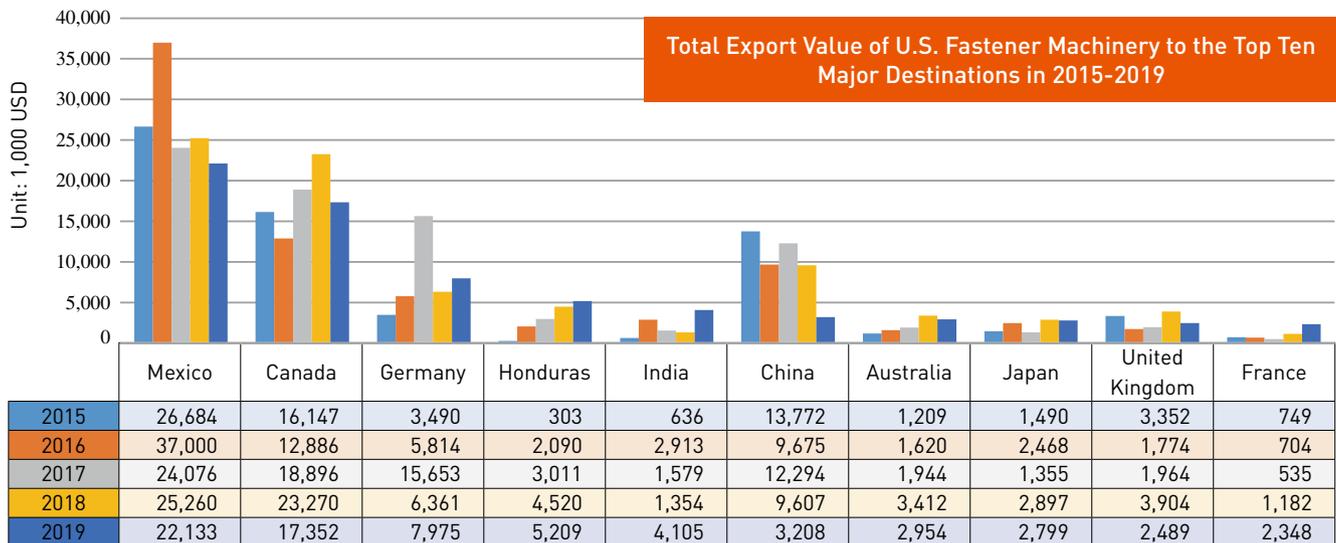
The expansion in the use of high-strength fasteners in wind towers is one of the latest trends that will gain power in the fastener machinery market in the coming years. Wind energy plays a significant role in energy supplies across the world and is gaining continuous developments in the U.S. The rising awareness about the benefits of wind energy that will fuel the need for wind towers, will also increase the fastener machinery demand in the long run.

The fastener machinery market is comparatively fragmented, with a strong dominance of the large international players. This market is also moderately capital intensive and therefore it presents a challenge to the local fastener machinery manufacturers in the U.S. The smaller players find it relatively hard to compete with the international manufacturers especially in terms of factors such as quality, features, functionalities, and services. Major competitors in the global fastener machinery markets include China, Taiwan, Germany and Italy. The fastener machinery players in the U.S. experience high demand from the automotive, construction, aerospace, and shipbuilding sectors and have future growth opportunities in the field of aerospace and nuclear power as well.

The screw machinery as one of the key categories of the fastener machinery market, has two main segments in U.S. market which are single spindle screw machines and multi spindle screw machines. The single spindle screw machine segment accounted for the largest screw machine market share. A single spindle screw machine has one spindle in its configuration, which enables the cutting tools to cut one workpiece at a time and have a variety of cam-operated mechanisms for automated production.

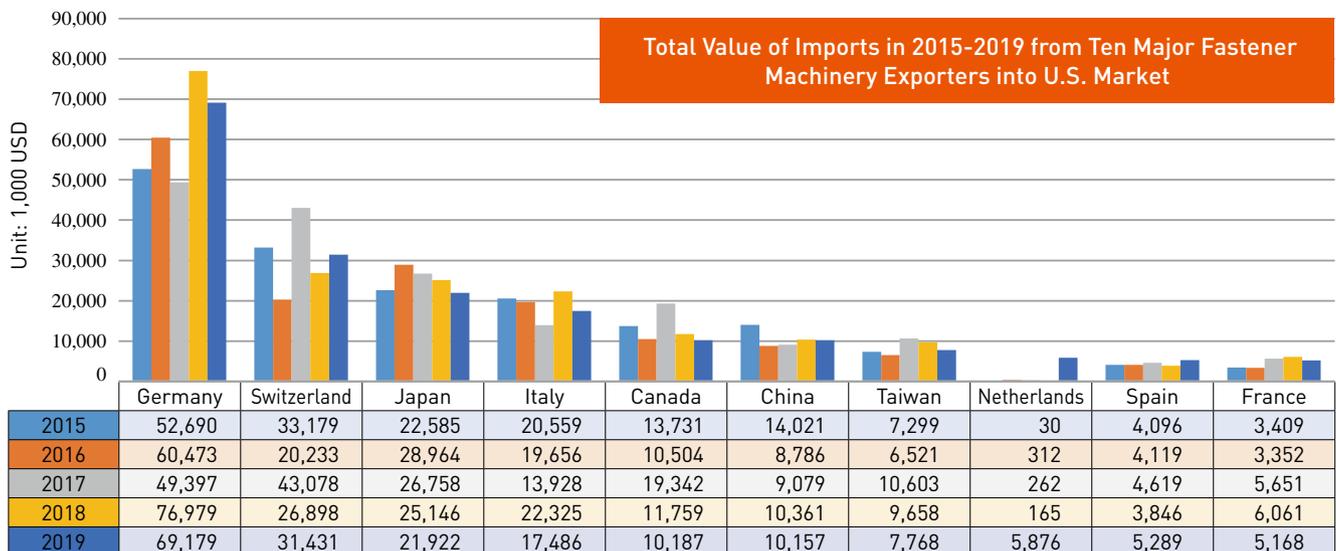
In 2019, U.S. fastener machinery manufacturers (HS Code: 8463) exported USD 98 million worth of products to the global market, mainly to Mexico, Canada and Germany. The chart below exhibits the total exports value of US fastener machinery to the top ten major destinations within last 5 years.





The economic impact of machinery manufacturing extends throughout U.S. economy. Machinery industries provide vital and highly sophisticated technology for many other manufacturing and service industries. Industrial process controls and other automation technologies enable end-users to maximize the productivity of their equipment. Sales of many types of machinery go together with a variety of high-value services as well, including specialized architecture, engineering, and logistics.

Tens of thousands of companies are in U.S. manufacture machinery, while thousands of them are in the fastener market. However, the demand for fastener machinery in U.S. market is much higher than the supply provided by the local manufacturers. That makes the value and quantity of imports much higher than the value and volume of exports in this market. A majority of local manufacturers are small and medium enterprises (SMEs), but there are also many large, public companies and iconic American brands that trade on a global scale. In general, machinery is manufactured in almost every state, but production is concentrated particularly in the industrial Midwest, California, and Texas. In 2019, the total imports value for fastener machinery (HS Code: 8463) was USD 212 million, mainly from Germany, Switzerland, Japan and Italy. The chart below exhibits the total value of imports in last five years from ten major fastener machinery exporters into the U.S. market.



The total number of Americans employed in the machinery manufacturing sector is more than 1.1 million, including those working in the fastener machinery market. These jobs are mainly in highly-skilled, well-compensated trades and professions. Leading employment categories include team assemblers, machinists, welders, tool-and-die makers, and mechanical and other engineers. Machinery manufacturing also supports the jobs of hundreds of thousands of Americans in a variety of other manufacturing and service industries. That makes this industry to be known as a one of the key contributors to U.S. GDP.

Sources:

- *Industrial Fasteners Market; Reports and Data: Market Research and Business Consulting, 2019*
- *Global Screw Machine Market 2017-2021: Technavio*
- *The Machinery and Equipment Industry in the United States: International Trade Administration's Industry & Analysis Unit (I&A)*
- *ITC Trade Map, Trade statistics for international business development*

