

South & Central America Mining Remanufacturing Components Market Forecast to 2030 - Regional Analysis - by Component (Engine, Axle, Transmission, Hydraulic Cylinder, and Others), Equipment (Excavator, Wheel Loader, Wheel Dozer, Crawler Dozer, Haul Truck, and Others), and Industry (Coal, Metal, and Others)

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Abstracts

The South & Central America mining remanufacturing components market was valued at US\$ 371.61 million in 2022 and is expected to reach US\$ 470.95 million by 2030; it is estimated to register a CAGR of 3.0% from 2022 to 2030.

Rising Adoption of Electric and Autonomous Vehicles in Mining Industry Fuels South & Central America Mining Remanufacturing Components Market

The mining sector is beginning to profit from a new generation of low-emission "driverless" mine vehicles that are changing the industry's image and moving it toward decarbonization. Electric vehicles (EVs) are added to fleets for use in both open pit and underground operations by purchasing or refitting existing diesel engine vehicle fleets. Toyota Motor Corp. is at the forefront of developing these new mining vehicles. Toyota and Komatsu launched a cooperative effort in May 2023 to build an autonomous light vehicle (ALV) that will run on Komatsu's GPS-enabled Autonomous Haulage System (AHS). Cool Planet Group, a decarbonization solutions company, announced a US\$ 54.2 million deal with a "leading global mining company" in May 2023 to convert 8,500 diesel mining trucks to electric vehicles over the next three years. According to the firm's CEO, up to 1 million diesel mining vehicles must be converted to electricity by 2030. The company is now collaborating with five or six of the world's major mining

companies.

In 2023, at a mine in Brazil, U&M Mineradora e Construções S/A and Hexagon implemented their OEM-agnostic AHS solution in combination with a plan to introduce two AHS-enabled modified Caterpillar 777 trucks to the project. In order to prepare the 100-ton class payload trucks for automation, U&M collaborated with them to do the necessary mechanical modifications without interfering with the OEM system.

The abovementioned activities by mining and truck manufacturing companies are projected to increase the adoption of electric trucks in the mining industry. This increased demand for electric trucks will directly boost the demand for the truck's components, such as battery packs, motors, and transmissions, which is expected to create lucrative opportunities for the mining remanufacturing component market during the forecast period.

South & Central America Mining Remanufacturing Components Market Overview

The mining remanufacturing components market in South & Central America is segmented into Brazil, Argentina, and Rest of South & Central America. The positive performance of the mining sector in Brazil is likely to create growth opportunities for various industries that support and serve the mining operations. One such industry is the mining remanufacturing component, as remanufacturing components are crucial equipment for handling bulk materials in mining operations, including the transportation of minerals like iron ore, gold, and copper.

Argentina holds a significant position in the gold production landscape of South America. As the fourth largest gold producer in the region, after Peru, Brazil, and Colombia, the country's gold mining activities contribute to its economy and provide opportunities for investors and industry players. Argentina has an impressive mining portfolio worth US\$ 30 billion, comprising a diverse range of 113 projects. Currently, 19 projects are in production, and seven are under construction, demonstrating the country's commitment to expanding its mining industry. The remaining projects are at various stages of development, with six in feasibility, six in prefeasibility, 13 in pre-economic assessment, and 62 in advanced exploration status. Copper mining projects dominate Argentina's portfolio, accounting for over 50% of the total mining portfolio. The country also boasts significant deposits of other valuable minerals, including aluminum, boron, iron, molybdenum, potash, uranium, vanadium, and zinc. This mineral diversity highlights Argentina's potential to become a leading exporter in the mining sector. The abundance of valuable mineral resources in Argentina underscores the importance of

the mining sector in the country's economy and its potential to drive economic growth and development. The exploitation and export of these minerals present opportunities for various industries, including those that provide equipment and solutions for mineral extraction and processing, such as mining remanufacturing components and other material handling equipment.

South & Central America Mining Remanufacturing Components Market Revenue and Forecast to 2030 (US\$ Million)

South & Central America Mining Remanufacturing Components Market Segmentation

The South & Central America mining remanufacturing components market is categorized into component, equipment, industry, and country.

Based on component, the South & Central America mining remanufacturing components market is segmented into engine, axle, transmission, hydraulic cylinder, and others. The engine segment held the largest South & Central America mining remanufacturing components market share in 2022.

In terms of equipment, the South & Central America mining remanufacturing components market is segmented into excavator, wheel loader, wheel dozer, crawler dozer, haul truck, and others. The crawler dozers segment held the largest South & Central America mining remanufacturing components market share in 2022.

By industry, the South & Central America mining remanufacturing components market is divided into coal, metal, and others. The metal segment held the largest South & Central America mining remanufacturing components market share in 2022.

By country, the South & Central America mining remanufacturing components market is segmented into Brazil, Argentina, and the Rest of South & Central America. The Rest of South & Central America dominated the South & Central America mining remanufacturing components market share in 2022.

Atlas Copco AB, J C Bamford Excavators Ltd, Caterpillar Inc, Epiroc AB, Swanson Industries Inc, Komatsu Ltd, Liebherr-International AG, AB Volvo, and Hitachi Construction Machinery Co Ltd are some of the leading companies operating in the South & Central America mining remanufacturing components market.

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